

The Gabelli Global Rising Income and Dividend Fund

Annual Report — December 31, 2016



Mario J. Gabelli, CFA

To Our Shareholders,

For the year ended December 31, 2016, the net asset value (“NAV”) per Class AAA Share of The Gabelli Global Rising Income and Dividend Fund increased 5.4% compared with increases of 7.9% and 7.5% for the Bank of America Merrill Lynch Global 300 Convertible Index and the Morgan Stanley Capital International (“MSCI”) World Index, respectively. See page 2 for additional performance information.

Enclosed are the financial statements, including the schedule of investments, as of December 31, 2016.

Performance Discussion (Unaudited)

While 2016 was marred by continued unrest in the Middle East and terrorist incidents around the world, the U.S. election dominated the national conscience. The rise in the market since November 8 has the potential to rank as the largest market post-election move for a new President since the 1961 inauguration of JFK. The so called Trump rally has been fueled by the potential for increased fiscal stimulus, lower corporate and individual taxes, and deregulation.

The Fund’s objective is to obtain a high level of total return through a combination of current income and capital appreciation. The Fund achieves its investment objective by investing primarily in foreign and domestic issuers that the Fund’s portfolio manager believes are likely to pay dividends and income and have the potential for above average capital appreciation and dividend increases.

Selected holdings that contributed positively to performance in 2016 were: Hunter Douglas N.V. (1.1% of net assets as of December 31, 2016) whose record sales in North America and Europe along with key acquisitions lifted performance; Comerica Inc. (0.9%) and Dana Inc. (0.7%) launched multiple customer programs and improved profitability through cost performance and new business growth.

Some of our weaker performing securities were: Vodafone Group PLC (1.8%) was impacted by the decline in sterling against the dollar following the UK referendum on the EU; Millicom International Cellular SDR (1.6%) reported softer than expected quarterly revenues and continued intense wireless competition in Colombia; and Mandarin Oriental International Ltd., (0.7%) where weaker demand affected the company’s key destinations Hong Kong, London, Paris, and Washington, D.C.

Thank you for your investment in the Gabelli Global Rising Income and Dividend Fund.

We appreciate your confidence and trust.

Comparative Results

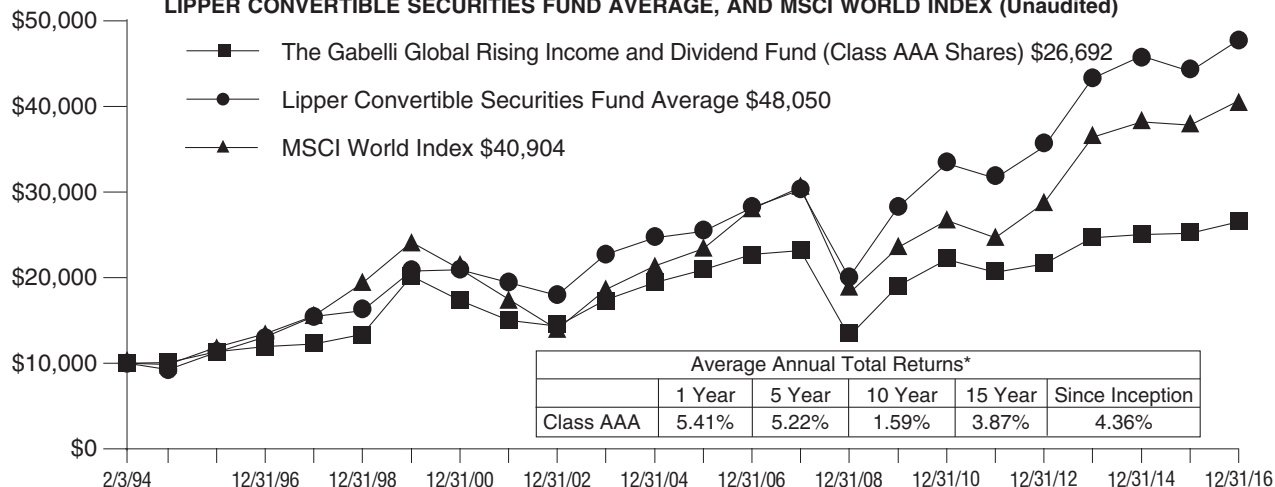
Average Annual Returns through December 31, 2016 (a) (Unaudited)

	1 Year	5 Year	10 Year	15 Year	Since Inception (2/3/94)
Class AAA (GAGCX)	5.41%	5.22%	1.59%	3.87%	4.36%
Bank of America Merrill Lynch Global 300 Convertible Index	7.92	9.97	5.69	6.02	N/A(d)
MSCI World Index	7.51	10.41	3.83	5.83	6.36(e)
Lipper Convertible Securities Fund Average	8.35	8.61	5.54	6.26	7.26
Class A (GAGAX)	5.38	5.14	1.58	3.89	4.38
With sales charge (b)	(0.68)	3.90	0.98	3.48	4.11
Class C (GACCX)	4.61	3.73	0.45	2.88	3.70
With contingent deferred sales charge (c)	3.61	3.73	0.45	2.88	3.70
Class I (GAGIX)	5.76	5.44	1.82	4.02	4.47

In the current prospectuses dated April 29, 2016, the expense ratios for Class AAA, A, C, and I Shares are 1.75%, 1.75%, 2.50%, and 1.50%, respectively, and effective October 1, 2016 the net expense ratios for these share classes after contractual reimbursements by Gabelli Funds, LLC, (the "Adviser") are 2.00%, 2.00%, 2.75%, and 1.00%, respectively. See page 10 for the expense ratios for the year ended December 31, 2016. Class AAA and Class I Shares do not have a sales charge. The maximum sales charge for Class A Shares and Class C Shares is 5.75% and 1.00%, respectively.

- (a) Returns represent past performance and do not guarantee future results. Total returns and average annual returns reflect changes in share price, reinvestment of distributions, and are net of expenses. Investment returns and the principal value of an investment will fluctuate. When shares are redeemed, they may be worth more or less than their original cost. Current performance may be lower or higher than the performance data presented. Visit www.gabelli.com for performance information as of the most recent month end. Returns would have been lower had the Adviser not reimbursed certain expenses of the Fund. The Fund imposes a 2% redemption fee on shares sold or exchanged within seven days after the date of purchase. Investors should carefully consider the investment objectives, risks, charges, and expenses of the Fund before investing. The prospectuses contain information about these and other matters and should be read carefully before investing. To obtain a prospectus, please visit our website at www.gabelli.com. Investing in foreign securities involves risks not ordinarily associated with investments in domestic issues, including currency fluctuation, economic, and political risks. The Class AAA Share NAVs are used to calculate performance for the periods prior to the issuance of Class A Shares, Class C Shares, and Class I Shares on May 2, 2001, November 26, 2001, and January 11, 2008, respectively. The actual performance of the Class A Shares and Class C Shares would have been lower due to the additional fees and expenses associated with these classes of shares. The actual performance of the Class I Shares would have been higher due to lower expenses related to this class of shares. The Bank of America Merrill Lynch Global 300 Convertible Index is an unmanaged global convertible index composed of companies representative of the market structure of countries in North America, Europe, and the Asia/Pacific region. The MSCI World Index is a free float-adjusted market capitalization weighted index that is designed to measure the equity market performance of developed markets. The Lipper Convertible Securities Fund Average reflects the average performance of mutual funds classified in this particular category. Dividends are considered reinvested. You cannot invest directly in an index.
- (b) Performance results include the effect of the maximum 5.75% sales charge at the beginning of the period.
- (c) Assuming payment of the 1% maximum contingent deferred sales charge imposed on redemptions made within one year of purchase.
- (d) There is no data available for the Bank of America Merrill Lynch Global 300 Convertible Index prior to December 31, 1994.
- (e) MSCI World Index since inception performance is as of January 31, 1994.

COMPARISON OF CHANGE IN VALUE OF A \$10,000 INVESTMENT IN THE GABELLI GLOBAL RISING INCOME AND DIVIDEND FUND (CLASS AAA SHARES), LIPPER CONVERTIBLE SECURITIES FUND AVERAGE, AND MSCI WORLD INDEX (Unaudited)



* Past performance is not predictive of future results. The performance tables and graph do not reflect the deduction of taxes that a shareholder would pay on Fund distributions or the redemption of Fund shares.

The Gabelli Global Rising Income and Dividend Fund Disclosure of Fund Expenses (Unaudited)

For the Six Month Period from July 1, 2016 through December 31, 2016

Expense Table

We believe it is important for you to understand the impact of fees and expenses regarding your investment. All mutual funds have operating expenses. As a shareholder of a fund, you incur ongoing costs, which include costs for portfolio management, administrative services, and shareholder reports (like this one), among others. Operating expenses, which are deducted from a fund's gross income, directly reduce the investment return of a fund. When a fund's expenses are expressed as a percentage of its average net assets, this figure is known as the expense ratio. The following examples are intended to help you understand the ongoing costs (in dollars) of investing in your Fund and to compare these costs with those of other mutual funds. The examples are based on an investment of \$1,000 made at the beginning of the period shown and held for the entire period.

The Expense Table below illustrates your Fund's costs in two ways:

Actual Fund Return: This section provides information about actual account values and actual expenses. You may use this section to help you to estimate the actual expenses that you paid over the period after any fee waivers and expense reimbursements. The "Ending Account Value" shown is derived from the Fund's **actual** return during the past six months, and the "Expenses Paid During Period" shows the dollar amount that would have been paid by an investor who started with \$1,000 in the Fund. You may use this information, together with the amount you invested, to estimate the expenses that you paid over the period.

To do so, simply divide your account value by \$1,000 (for example, an \$8,600 account value divided by \$1,000 = 8.6), then multiply the result by the number given for your Fund under the heading "Expenses Paid During Period" to estimate the expenses you paid during this period.

Hypothetical 5% Return: This section provides information about hypothetical account values and

hypothetical expenses based on the Fund's actual expense ratio. It assumes a hypothetical annualized return of 5% before expenses during the period shown. In this case – because the hypothetical return used is **not** the Fund's actual return – the results do not apply to your investment and you cannot use the hypothetical account value and expense to estimate the actual ending account balance or expenses you paid for the period. This example is useful in making comparisons of the ongoing costs of investing in the Fund and other funds. To do so, compare this 5% hypothetical example with the 5% hypothetical examples that appear in shareholder reports of other funds.

Please note that the expenses shown in the table are meant to highlight your ongoing costs only and do not reflect any transactional costs such as sales charges (loads), redemption fees, or exchange fees, if any, which are described in the Prospectus. If these costs were applied to your account, your costs would be higher. Therefore, the 5% hypothetical return is useful in comparing ongoing costs only, and will not help you determine the relative total costs of owning different funds. The "Annualized Expense Ratio" represents the actual expenses for the last six months and may be different from the expense ratio in the Financial Highlights which is for the year ended December 31, 2016.

	Beginning Account Value 07/01/16	Ending Account Value 12/31/16	Annualized Expense Ratio	Expenses Paid During Period*
<i>The Gabelli Global Rising Income and Dividend Fund</i>				
Actual Fund Return				
Class AAA	\$1,000.00	\$1,026.90	1.63%	\$ 8.30
Class A	\$1,000.00	\$1,027.10	1.63%	\$ 8.31
Class C	\$1,000.00	\$1,023.60	2.38%	\$12.11
Class I	\$1,000.00	\$1,029.00	1.18%	\$ 6.02
Hypothetical 5% Return				
Class AAA	\$1,000.00	\$1,016.94	1.63%	\$ 8.26
Class A	\$1,000.00	\$1,016.94	1.63%	\$ 8.26
Class C	\$1,000.00	\$1,013.17	2.38%	\$12.04
Class I	\$1,000.00	\$1,019.20	1.18%	\$ 5.99

* Expenses are equal to the Fund's annualized expense ratio for the last six months multiplied by the average account value over the period, multiplied by the number of days in the most recent fiscal half year (184 days), then divided by 366.

Summary of Portfolio Holdings (Unaudited)

The following table presents portfolio holdings as a percent of net assets as of December 31, 2016:

The Gabelli Global Rising Income and Dividend Fund

Food and Beverage	19.5%	Wireless Communications	1.6%
U.S. Government Obligations	18.1%	Hotels and Gaming	1.2%
Financial Services	13.1%	Entertainment	0.9%
Electronics	6.7%	Computer Software and Services	0.9%
Diversified Industrial	5.7%	Retail	0.8%
Telecommunications	5.7%	Equipment and Supplies	0.8%
Cable and Satellite	2.7%	Energy and Energy Services	0.7%
Consumer Products	2.6%	Metals and Mining	0.6%
Energy and Utilities	2.5%	Consumer Services	0.3%
Automotive	2.3%	Agriculture	0.2%
Specialty Chemicals	2.3%	Broadcasting	0.0%*
Health Care	2.2%	Other Assets & Liabilities (Net)	1.3%
Machinery	2.0%		<u>100.0%</u>
Building and Construction	1.9%		
Publishing	1.7%		
Automotive: Parts and Accessories	1.7%		

* Amount represents less than 0.05%

The Fund files a complete schedule of portfolio holdings with the Securities and Exchange Commission (the "SEC") for the first and third quarters of each fiscal year on Form N-Q. Shareholders may obtain this information at www.gabelli.com or by calling the Fund at 800-GABELLI (800-422-3554). The Fund's Form N-Q is available on the SEC's website at www.sec.gov and may also be reviewed and copied at the SEC's Public Reference Room in Washington, DC. Information on the operation of the Public Reference Room may be obtained by calling 800-SEC-0330.

Proxy Voting

The Fund files Form N-PX with its complete proxy voting record for the twelve months ended June 30, no later than August 31 of each year. A description of the Fund's proxy voting policies, procedures, and how the Fund voted proxies relating to portfolio securities is available without charge, upon request, by (i) calling 800-GABELLI (800-422-3554); (ii) writing to The Gabelli Funds at One Corporate Center, Rye, NY 10580-1422; or (iii) visiting the SEC's website at www.sec.gov.

The Gabelli Global Rising Income and Dividend Fund

Schedule of Investments — December 31, 2016

Principal Amount	Cost	Market Value	Shares	Cost	Market Value
CONVERTIBLE CORPORATE BONDS — 5.4%					
Automotive — 1.7%					
			17,000		
			4,000	\$ 291,299	\$ 322,660
			1,200	37,917	41,240
\$ 450,000	4.500%, 10/15/18	\$ 432,070	4,000	108,516	114,648
300,000	4.750%, 04/15/19	300,000	2,000	90,354	87,856
		732,070		212,042	160,680
				753,570	743,844
Broadcasting — 0.0%					
400,000	Citadel Broadcasting Corp., Escrow, Sub. Deb., Zero Coupon, 02/11/20	0	500	11,059	11,239
		0	11,700	385,650	469,872
		0	2,865	102,586	118,009
		0		499,295	599,120
Building and Construction — 0.5%					
250,000	Layne Christensen Co., 4.250%, 11/15/18	244,101	20,000	228,281	
Computer Software and Services — 0.5%					
100,000	Mentor Graphics Corp., Sub. Deb., 4.000%, 04/01/31	99,197	32,000	186,501	
10,000	VeriSign Inc., STEP, 4.485%, 08/15/37	13,192	19,000	22,306	
		112,389		208,807	
Consumer Services — 0.2%					
100,000	Ascent Capital Group Inc., 4.000%, 07/15/20	87,302	2,000	76,000	
Diversified Industrial — 1.9%					
150,000	Aerojet Rocketdyne Holdings Inc., Sub. Deb., 4.063%, 12/31/39	132,377	1,500	298,219	
300,000	Griffon Corp., Sub. Deb., 4.000%, 01/15/17(a)	299,989	4,500	528,938	
		432,366	5,000	827,157	
Energy and Utilities — 0.0%					
200,000	Texas Competitive Electric Holdings Co. LLC, 10.250%, 11/01/18†	0	9,000	0	
Metals and Mining — 0.6%					
250,000	Newmont Mining Corp., Ser. B, 1.625%, 07/15/17	316,523	7,000	255,469	
TOTAL CONVERTIBLE CORPORATE BONDS					
		1,924,751		2,339,245	
COMMON STOCKS — 75.2%					
Agriculture — 0.2%					
1,000	Syngenta AG, ADR	79,810	7,000	79,050	
Automotive — 0.6%					
7,000	General Motors Co.	245,344	6,000	243,880	
Automotive: Parts and Accessories — 1.7%					
286	Adient plc†	13,442	14,000	16,760	
Building and Construction — 1.4%					
				11,059	11,239
				385,650	469,872
				102,586	118,009
				499,295	599,120
Cable and Satellite — 2.7%					
				707,828	771,600
				426,383	390,821
				1,134,211	1,162,421
Computer Software and Services — 0.4%					
				127,477	168,150
Consumer Products — 2.6%					
				12,346	31,000
				344,086	463,281
				335,032	365,060
				29,710	35,417
				141,505	126,594
				95,893	109,412
				958,572	1,130,764
Consumer Services — 0.1%					
				57,297	58,416
Diversified Industrial — 3.8%					
				142,961	150,750
				167,090	221,200
				400,456	414,375
				535,080	531,200
				252,055	228,800
				51,916	100,762
				1,549,558	1,647,087
Electronics — 6.7%					
				37,879	45,560
				711,705	722,540
				254,538	255,800
				1,056,754	1,064,813
				569,850	784,840
				2,630,726	2,873,553
Energy and Energy Services — 0.7%					
				202,748	224,280
				90,139	69,860
				292,887	294,140

See accompanying notes to financial statements.

The Gabelli Global Rising Income and Dividend Fund

Schedule of Investments (Continued) — December 31, 2016

Shares		Cost	Market Value	Shares		Cost	Market Value
COMMON STOCKS (Continued)							
Energy and Utilities — 2.5%							
10,000	Cameco Corp.	\$ 96,731	\$ 104,700	6,000	Diageo plc, ADR	\$ 665,409	\$ 623,640
3,000	National Fuel Gas Co.	164,089	169,920	4,300	Fomento Economico Mexicano SAB de CV, ADR	339,651	327,703
6,000	National Grid plc, ADR	437,107	349,980	2,500	General Mills Inc.	124,421	154,425
11,803	Royal Dutch Shell plc, Cl. B	268,350	342,418	2,000	Heineken NV	133,144	150,024
1,000	Severn Trent plc	27,057	27,384	2,500	Kellogg Co.	127,291	184,275
2,000	The Empire District Electric Co.	66,700	68,180	4,000	Kerry Group plc, Cl. A	300,765	284,932
		<u>1,060,034</u>	<u>1,062,582</u>	6,000	Kikkoman Corp.	104,672	192,000
Entertainment — 0.9%				12,000	Maple Leaf Foods Inc., New York ...	202,902	251,324
7,000	Discovery Communications Inc., Cl. A†	204,405	191,870	1,000	Maple Leaf Foods Inc., Toronto	16,908	20,944
2,000	Grupo Televisa SAB, ADR	40,332	41,780	500	McCormick & Co. Inc., Cl. V.	35,978	46,550
3,000	International Game Technology plc ..	55,199	76,560	1,500	McCormick & Co. Inc., Non-Voting ..	106,428	139,995
15,000	ITV plc	58,075	38,155	15,500	Nestlé SA	1,113,487	1,111,927
3,000	Vivendi SA	69,982	57,017	3,200	Pernod Ricard SA	357,005	346,786
		<u>427,993</u>	<u>405,382</u>	14,000	Remy Cointreau SA	1,034,431	1,194,004
Equipment and Supplies — 0.8%				1,000	The Kraft Heinz Co.	58,356	87,320
1,500	Graco Inc.	100,232	124,635	30,000	The WhiteWave Foods Co.†	1,670,325	1,668,000
6,000	Mueller Industries Inc.	175,719	239,760	400,000	Yashili International Holdings Ltd. ...	170,861	76,859
		<u>275,951</u>	<u>364,395</u>			<u>7,924,606</u>	<u>8,410,843</u>
Financial Services — 13.1%				Health Care — 2.2%			
1,000	American Express Co.	80,155	74,080	200	Becton, Dickinson and Co.	20,442	33,110
8,000	American International Group Inc.	290,036	522,480	3,500	Bristol-Myers Squibb Co.	118,262	204,540
3	Berkshire Hathaway Inc., Cl. A†	358,105	732,363	1,800	ICU Medical Inc.†	108,041	265,230
15,000	Citigroup Inc.	809,386	891,450	1,000	Patterson Companies Inc.	33,669	41,030
6,000	Comerica Inc.	269,538	408,660	8,000	Pfizer Inc.	187,223	259,840
9,000	Deutsche Bank AG†	203,599	162,900	5,000	Roche Holding AG, ADR	93,345	142,650
4,000	EXOR NV	144,747	172,551			<u>560,982</u>	<u>946,400</u>
22,000	FinecoBank Banca Fineco SpA	149,536	123,434	Hotels and Gaming — 1.2%			
35,000	GAM Holding AG	599,659	405,578	237,500	Mandarin Oriental International Ltd. .	380,503	302,813
6,000	H&R Block Inc.	122,769	137,940	180,000	The Hongkong & Shanghai Hotels Ltd.	270,882	199,626
2,000	Julius Baer Group Ltd.	103,649	88,834			<u>651,385</u>	<u>502,439</u>
16,000	Kinnevik AB, Cl. A	508,173	394,266	Machinery — 2.0%			
3,500	Legg Mason Inc.	94,123	104,685	60,000	CNH Industrial NV, Borsa Italiana ...	506,260	522,011
5,000	Morgan Stanley	122,102	211,250	39,000	CNH Industrial NV, New York	313,681	338,910
10,000	Nordnet AB, Cl. B	41,998	40,941			<u>819,941</u>	<u>860,921</u>
2,200	T. Rowe Price Group Inc.	162,507	165,572	Publishing — 1.7%			
10,000	The Bank of New York Mellon Corp. .	315,339	473,800	39,000	The E.W. Scripps Co., Cl. A†	753,193	753,870
1,500	The PNC Financial Services Group Inc.	102,907	175,440	Retail — 0.8%			
1,500	UBS Group AG	26,155	23,505	5,000	J.C. Penney Co. Inc.†	37,548	41,550
1,000	W. R. Berkley Corp.	37,130	66,510	4,000	Macy's Inc.	168,036	143,240
5,000	Wells Fargo & Co.	171,100	275,550	2,200	Walgreens Boots Alliance Inc.	135,948	182,072
		<u>4,712,713</u>	<u>5,651,789</u>			<u>341,532</u>	<u>366,862</u>
Food and Beverage — 19.5%				Specialty Chemicals — 2.3%			
7,300	Chr. Hansen Holding A/S	311,097	404,252	700	Ashland Global Holdings Inc.	73,120	76,503
6,000	Danone SA	421,697	380,219	50,000	Canexus Corp.	61,555	60,701
65,000	Davide Campari-Milano SpA	483,830	635,645	1,500	Chemtura Corp.†	34,583	49,800
5,000	Diageo plc	145,948	130,019	500	E. I. du Pont de Nemours and Co. ...	20,662	36,700

See accompanying notes to financial statements.

The Gabelli Global Rising Income and Dividend Fund Schedule of Investments (Continued) — December 31, 2016

Shares		Cost	Market Value	
COMMON STOCKS (Continued)				
Specialty Chemicals (Continued)				
1,631	Hawkins Inc.....	\$ 64,942	\$ 87,992	(a) Security exempt from registration under Rule 144A of the Securities Act of 1933, as amended. This security may be resold in transactions exempt from registration, normally to qualified institutional buyers. At December 31, 2016, the market value of the Rule 144A security amounted to \$528,938 or 1.23% of total net assets.
5,600	International Flavors & Fragrances Inc.....	582,996	659,848	† Non-income producing security.
200	The Chemours Co.....	1,720	4,418	†† Represents annualized yield at date of purchase.
		<u>839,578</u>	<u>975,962</u>	ADR American Depositary Receipt
Telecommunications — 5.7%				GDR Global Depositary Receipt
500	CenturyLink Inc.....	15,295	11,890	SDR Swedish Depositary Receipt
4,000	Cincinnati Bell Inc.†.....	64,600	89,400	JSFC Joint Stock Financial Corporation
7,000	Harris Corp.....	549,658	717,290	STEP Step coupon security. The rate disclosed is that in effect at December 31, 2016.
50,000	Koninklijke KPN NV.....	139,515	148,108	
60,000	Pharol SGPS SA, ADR.....	30,852	10,680	
2,000	Proximus SA.....	55,818	57,601	
27,000	Sistema JSFC, GDR.....	210,806	243,000	
54,000	Telefonica Deutschland Holding AG..	300,437	231,352	
3,300	Verizon Communications Inc.....	158,780	176,154	
31,000	Vodafone Group plc, ADR.....	<u>1,154,029</u>	<u>757,330</u>	
		<u>2,679,790</u>	<u>2,442,805</u>	
Wireless Communications — 1.6%				
16,000	Millicom International Cellular SA, SDR.....	1,025,671	683,687	
	TOTAL COMMON STOCKS	<u>30,402,116</u>	<u>32,428,362</u>	
				% of Market Value
				Market Value
				United States..... 57.3% \$24,425,889
				Europe..... 28.6 12,184,570
				Latin America..... 5.5 2,326,160
				Japan..... 5.1 2,162,303
				Canada..... 3.0 1,297,124
				Asia/Pacific..... 0.5 199,626
				<u>100.0%</u> <u>\$42,595,672</u>
Principal Amount				
	U.S. GOVERNMENT OBLIGATIONS — 18.1%			
\$ 7,835,000	U.S. Treasury Bills, 0.355% to 0.536%††, 02/02/17 to 05/11/17.....	<u>7,828,267</u>	<u>7,828,065</u>	
	TOTAL INVESTMENTS — 98.7%	<u>\$40,155,134</u>	<u>42,595,672</u>	
	Other Assets and Liabilities (Net) — 1.3%		<u>547,774</u>	
	NET ASSETS — 100.0%		<u>\$43,143,446</u>	

See accompanying notes to financial statements.

The Gabelli Global Rising Income and Dividend Fund

Statement of Assets and Liabilities December 31, 2016

Assets:	
Investments, at value (cost \$40,155,134)	\$42,595,672
Foreign currency, at value (cost \$532,678)	505,331
Cash	16,482
Receivable for Fund shares sold	940
Receivable from Adviser	12,249
Dividends and interest receivable	79,195
Prepaid expenses	15,788
Total Assets	<u>43,225,657</u>
Liabilities:	
Payable for Fund shares redeemed	6,187
Payable for investment advisory fees	36,413
Payable for distribution fees	1,659
Payable for legal and audit fees	18,243
Payable for shareholder communications expenses	10,866
Other accrued expenses	8,843
Total Liabilities	<u>82,211</u>
Net Assets (applicable to 1,891,149 shares outstanding) ..	<u>\$43,143,446</u>
Net Assets Consist of:	
Paid-in capital	\$41,064,485
Accumulated distributions in excess of net investment income	(122,694)
Accumulated distributions in excess of net realized gain on investments and foreign currency transactions	(210,612)
Net unrealized appreciation on investments	2,440,538
Net unrealized depreciation on foreign currency translations	(28,271)
Net Assets	<u>\$43,143,446</u>
Shares of Capital Stock, each at \$0.001 par value:	
Class AAA:	
Net Asset Value, offering, and redemption price per share (\$4,597,877 ÷ 201,651 shares outstanding; 75,000,000 shares authorized)	<u>\$22.80</u>
Class A:	
Net Asset Value and redemption price per share (\$479,947 ÷ 20,997 shares outstanding; 50,000,000 shares authorized)	<u>\$22.86</u>
Maximum offering price per share (NAV ÷ 0.9425, based on maximum sales charge of 5.75% of the offering price)	<u>\$24.25</u>
Class C:	
Net Asset Value and offering price per share (\$721,201 ÷ 37,260 shares outstanding; 25,000,000 shares authorized)	<u>\$19.36(a)</u>
Class I:	
Net Asset Value, offering, and redemption price per share (\$37,344,421 ÷ 1,631,241 shares outstanding; 25,000,000 shares authorized)	<u>\$22.89</u>

(a) Redemption price varies based on the length of time held.

Statement of Operations For the Year Ended December 31, 2016

Investment Income:	
Dividends (net of foreign withholding taxes of \$41,580)	\$ 955,536
Interest	113,843
Total Investment Income	<u>1,069,379</u>
Expenses:	
Investment advisory fees	426,569
Distribution fees - Class AAA	11,927
Distribution fees - Class A	1,533
Distribution fees - Class C	6,839
Shareholder communications expenses	37,956
Registration expenses	30,251
Legal and audit fees	28,164
Shareholder services fees	18,517
Directors' fees	13,133
Custodian fees	10,453
Interest expense	1,704
Miscellaneous expenses	16,881
Total Expenses	<u>603,927</u>
Less:	
Expense reimbursements (See Note 3)	(36,018)
Expenses paid indirectly by broker (See Note 6) ..	(1,625)
Reimbursement for custody fees*	(70,955)
Total Reimbursements and Credits	<u>(108,598)</u>
Net Expenses	<u>495,329</u>
Net Investment Income	<u>574,050</u>
Net Realized and Unrealized Gain/(Loss) on Investments and Foreign Currency:	
Net realized loss on investments	(98,529)
Net realized loss on foreign currency transactions ..	(32,142)
Net realized loss on investments and foreign currency transactions	(130,671)
Net change in unrealized appreciation/depreciation:	
on investments	1,834,589
on foreign currency translations	(24,860)
Net change in unrealized appreciation/depreciation on investments and foreign currency translations	<u>1,809,729</u>
Net Realized and Unrealized Gain/(Loss) on Investments and Foreign Currency	<u>1,679,058</u>
Net Increase in Net Assets Resulting from Operations	<u>\$2,253,108</u>

* The Fund received a one time reimbursement of custody expenses paid in prior years.

See accompanying notes to financial statements.

The Gabelli Global Rising Income and Dividend Fund

Statement of Changes in Net Assets

	<u>Year Ended</u> <u>December 31, 2016</u>	<u>Year Ended</u> <u>December 31, 2015</u>
Operations:		
Net investment income/(loss)	\$ 574,050	\$ (108,729)
Net realized gain/(loss) on investments and foreign currency transactions	(130,671)	980,294
Net change in unrealized appreciation/depreciation on investments, securities sold short, and foreign currency translations	<u>1,809,729</u>	<u>(671,480)</u>
Net Increase in Net Assets Resulting from Operations	<u>2,253,108</u>	<u>200,085</u>
Distributions to Shareholders:		
Net investment income		
Class AAA	(46,389)	—
Class A	(4,545)	—
Class C	(4,052)	—
Class I	<u>(505,002)</u>	<u>(56,171)</u>
	<u>(559,988)</u>	<u>(56,171)</u>
Net realized gain		
Class AAA	—	(94,151)
Class A	—	(9,151)
Class C	—	(8,533)
Class I	<u>—</u>	<u>(479,425)</u>
	<u>—</u>	<u>(591,260)</u>
Total Distributions to Shareholders	<u>(559,988)</u>	<u>(647,431)</u>
Capital Share Transactions:		
Class AAA	(2,597,345)	(5,354,857)
Class A	(238,041)	340,996
Class C	94,979	453,709
Class I	<u>(590,741)</u>	<u>9,502,721</u>
Net Increase/(Decrease) in Net Assets from Capital Share Transactions	<u>(3,331,148)</u>	<u>4,942,569</u>
Net Increase/(Decrease) in Net Assets	(1,638,028)	4,495,223
Net Assets:		
Beginning of year	<u>44,781,474</u>	<u>40,286,251</u>
End of year (including undistributed net investment income of \$0 and \$0, respectively)	<u>\$43,143,446</u>	<u>\$44,781,474</u>

See accompanying notes to financial statements.

The Gabelli Global Rising Income and Dividend Fund

Notes to Financial Statements

1. Organization. The Gabelli Global Rising Income and Dividend Fund, a series of GAMCO Global Series Funds, Inc. (the “Corporation”), was incorporated on July 16, 1993 in Maryland. The Fund is a non-diversified open-end management investment company registered under the Investment Company Act of 1940, as amended (the “1940 Act”), and one of four separately managed portfolios (collectively, the “Portfolios”) of the Corporation. The Fund’s primary objective is to obtain a high level of total return through a combination of income and capital appreciation. The Fund commenced investment operations on February 3, 1994.

2. Significant Accounting Policies. As an investment company, the Fund follows the investment company accounting and reporting guidance, which is part of U.S. generally accepted accounting principles (“GAAP”) that may require the use of management estimates and assumptions in the preparation of its financial statements. Actual results could differ from those estimates. The following is a summary of significant accounting policies followed by the Fund in the preparation of its financial statements.

Security Valuation. Portfolio securities listed or traded on a nationally recognized securities exchange or traded in the U.S. over-the-counter market for which market quotations are readily available are valued at the last quoted sale price or a market’s official closing price as of the close of business on the day the securities are being valued. If there were no sales that day, the security is valued at the average of the closing bid and asked prices or, if there were no asked prices quoted on that day, then the security is valued at the closing bid price on that day. If no bid or asked prices are quoted on such day, the security is valued at the most recently available price or, if the Board of Directors (the “Board”) so determines, by such other method as the Board shall determine in good faith to reflect its fair market value. Portfolio securities traded on more than one national securities exchange or market are valued according to the broadest and most representative market, as determined by Gabelli Funds, LLC (the “Adviser”).

Portfolio securities primarily traded on a foreign market are generally valued at the preceding closing values of such securities on the relevant market, but may be fair valued pursuant to procedures established by the Board if market conditions change significantly after the close of the foreign market, but prior to the close of business on the day the securities are being valued. Debt instruments with remaining maturities of sixty days or less that are not credit impaired are valued at amortized cost, unless the Board determines such amount does not reflect the securities’ fair value, in which case these securities will be fair valued as determined by the Board. Debt instruments having a maturity greater than sixty days for which market quotations are readily available are valued at the average of the latest bid and asked prices. If there were no asked prices quoted on such day, the security is valued using the closing bid price. U.S. government obligations with maturities greater than sixty days are normally valued using a model that incorporates market observable data such as reported sales of similar securities, broker quotes, yields, bids, offers, and reference data. Certain securities are valued principally using dealer quotations.

Securities and assets for which market quotations are not readily available are fair valued as determined by the Board. Fair valuation methodologies and procedures may include, but are not limited to: analysis and review of available financial and non-financial information about the company; comparisons with the valuation and changes in valuation of similar securities, including a comparison of foreign securities with the equivalent U.S. dollar value American Depositary Receipt securities at the close of the U.S. exchange; and evaluation of any other information that could be indicative of the value of the security.

The Gabelli Global Rising Income and Dividend Fund

Notes to Financial Statements (Continued)

The inputs and valuation techniques used to measure fair value of the Fund's investments are summarized into three levels as described in the hierarchy below:

- Level 1 — quoted prices in active markets for identical securities;
- Level 2 — other significant observable inputs (including quoted prices for similar securities, interest rates, prepayment speeds, credit risk, etc.); and
- Level 3 — significant unobservable inputs (including the Board's determinations as to the fair value of investments).

A financial instrument's level within the fair value hierarchy is based on the lowest level of any input both individually and in the aggregate that is significant to the fair value measurement. The inputs or methodology used for valuing securities are not necessarily an indication of the risk associated with investing in those securities. The summary of the Fund's investments in securities by inputs used to value the Fund's investments as of December 31, 2016 is as follows:

	Valuation Inputs			Total Market Value at 12/31/16
	Level 1 Quoted Prices	Level 2 Other Significant Observable Inputs	Level 3 Significant Unobservable Inputs	
INVESTMENTS IN SECURITIES:				
ASSETS (Market Value):				
Common Stocks (a)	\$32,428,362	—	—	\$32,428,362
Convertible Corporate Bonds (a)	—	\$ 2,339,245	\$ 0	2,339,245
U.S. Government Obligations	—	7,828,065	—	7,828,065
TOTAL INVESTMENTS IN SECURITIES – ASSETS	\$32,428,362	\$10,167,310	\$ 0	\$42,595,672

(a) Please refer to the Schedule of Investments for the industry classifications of these portfolio holdings.

The Fund did not have material transfers among Level 1, Level 2, and Level 3 during the year ended December 31, 2016. The Fund's policy is to recognize transfers among Levels as of the beginning of the reporting period.

Additional Information to Evaluate Qualitative Information.

General. The Fund uses recognized industry pricing services – approved by the Board and unaffiliated with the Adviser – to value most of its securities, and uses broker quotes provided by market makers of securities not valued by these and other recognized pricing sources. Several different pricing feeds are received to value domestic equity securities, international equity securities, preferred equity securities, and fixed income securities. The data within these feeds is ultimately sourced from major stock exchanges and trading systems where these securities trade. The prices supplied by external sources are checked by obtaining quotations or actual transaction prices from market participants. If a price obtained from the pricing source is deemed unreliable, prices will be sought from another pricing service or from a broker/dealer that trades that security or similar securities.

Fair Valuation. Fair valued securities may be common or preferred equities, warrants, options, rights, or fixed income obligations. Where appropriate, Level 3 securities are those for which market quotations are not available, such as securities not traded for several days, or for which current bids are not available, or which are restricted as to transfer. When fair valuing a security, factors to consider include recent prices of comparable securities that are publicly traded, reliable prices of securities not publicly traded, the use of valuation models, current analyst reports, valuing the income or cash flow of the issuer, or cost if the preceding factors do not

The Gabelli Global Rising Income and Dividend Fund

Notes to Financial Statements (Continued)

apply. A significant change in the unobservable inputs could result in a lower or higher value in Level 3 securities. The circumstances of Level 3 securities are frequently monitored to determine if fair valuation measures continue to apply.

The Adviser reports quarterly to the Board the results of the application of fair valuation policies and procedures. These may include backtesting the prices realized in subsequent trades of these fair valued securities to fair values previously recognized.

Derivative Financial Instruments. The Fund may engage in various portfolio investment strategies by investing in derivative financial instruments for the purposes of increasing the income of the Fund, hedging against changes in the value of its portfolio securities and in the value of securities it intends to purchase, or hedging against a specific transaction with respect to either the currency in which the transaction is denominated or another currency. Investing in certain derivative financial instruments, including participation in the options, futures, or swap markets, entails certain execution, liquidity, hedging, tax, and securities, interest, credit, or currency market risks. Losses may arise if the Adviser's prediction of movements in the direction of the securities, foreign currency, and interest rate markets is inaccurate. Losses may also arise if the counterparty does not perform its duties under a contract, or that, in the event of default, the Fund may be delayed in or prevented from obtaining payments or other contractual remedies owed to it under derivative contracts. The creditworthiness of the counterparties is closely monitored in order to minimize these risks. Participation in derivative transactions involves investment risks, transaction costs, and potential losses to which the Fund would not be subject absent the use of these strategies. The consequences of these risks, transaction costs, and losses may have a negative impact on the Fund's ability to pay distributions.

Collateral requirements differ by type of derivative. Collateral requirements are set by the broker or exchange clearing house for exchange traded derivatives, while collateral terms are contract specific for derivatives traded over-the-counter. Securities pledged to cover obligations of the Fund under derivative contracts are noted in the Schedule of Investments. Cash collateral, if any, pledged for the same purpose will be reported separately in the Statement of Assets and Liabilities.

The Fund's policy with respect to offsetting is that, absent an event of default by the counterparty or a termination of the agreement, the master agreement does not result in an offset of reported amounts of financial assets and financial liabilities in the Statement of Assets and Liabilities across transactions between the Fund and the applicable counterparty. The enforceability of the right to offset may vary by jurisdiction.

The Fund's derivative contracts held at December 31, 2016, if any, are not accounted for as hedging instruments under GAAP and are disclosed in the Schedule of Investments together with the related counterparty.

Forward Foreign Exchange Contracts. The Fund may engage in forward foreign exchange contracts for the purpose of hedging a specific transaction with respect to either the currency in which the transaction is denominated or another currency as deemed appropriate by the Adviser. Forward foreign exchange contracts are valued at the forward rate and are marked-to-market daily. The change in market value is included in unrealized appreciation/depreciation on investments and foreign currency translations. When the contract is closed, the Fund records a realized gain or loss equal to the difference between the value of the contract at the time it was opened and the value at the time it was closed.

The Gabelli Global Rising Income and Dividend Fund

Notes to Financial Statements (Continued)

The use of forward foreign exchange contracts does not eliminate fluctuations in the underlying prices of the Fund's portfolio securities, but it does establish a rate of exchange that can be achieved in the future. Although forward foreign exchange contracts limit the risk of loss due to a decline in the value of the hedged currency, they also limit any potential gain that might result should the value of the currency increase. As of December 31, 2016, the Fund held no forward foreign exchange contracts.

Securities Sold Short. The Fund may enter into short sale transactions. Short selling involves selling securities that may or may not be owned and, at times, borrowing the same securities for delivery to the purchaser, with an obligation to replace such borrowed securities at a later date. The proceeds received from short sales are recorded as liabilities and the Fund records an unrealized gain or loss to the extent of the difference between the proceeds received and the value of an open short position on the day of determination. The Fund records a realized gain or loss when the short position is closed out. By entering into a short sale, the Fund bears the market risk of an unfavorable change in the price of the security sold short. Dividends on short sales are recorded as an expense by the Fund on the ex-dividend date and interest expense is recorded on the accrual basis. The broker retains collateral for the value of the open positions, which is adjusted periodically as the value of the position fluctuates. At December 31, 2016, there were no short sales outstanding.

Foreign Currency Translations. The books and records of the Fund are maintained in U.S. dollars. Foreign currencies, investments, and other assets and liabilities are translated into U.S. dollars at current exchange rates. Purchases and sales of investment securities, income, and expenses are translated at the exchange rate prevailing on the respective dates of such transactions. Unrealized gains and losses that result from changes in foreign exchange rates and/or changes in market prices of securities have been included in unrealized appreciation/depreciation on investments and foreign currency translations. Net realized foreign currency gains and losses resulting from changes in exchange rates include foreign currency gains and losses between trade date and settlement date on investment securities transactions, foreign currency transactions, and the difference between the amounts of interest and dividends recorded on the books of the Fund and the amounts actually received. The portion of foreign currency gains and losses related to fluctuation in exchange rates between the initial purchase trade date and subsequent sale trade date is included in realized gain/(loss) on investments.

Foreign Securities. The Fund may directly purchase securities of foreign issuers. Investing in securities of foreign issuers involves special risks not typically associated with investing in securities of U.S. issuers. The risks include possible revaluation of currencies, the inability to repatriate funds, less complete financial information about companies, and possible future adverse political and economic developments. Moreover, securities of many foreign issuers and their markets may be less liquid and their prices more volatile than those of securities of comparable U.S. issuers.

Foreign Taxes. The Fund may be subject to foreign taxes on income, gains on investments, or currency repatriation, a portion of which may be recoverable. The Fund will accrue such taxes and recoveries as applicable, based upon its current interpretation of tax rules and regulations that exist in the markets in which it invests.

Restricted Securities. The Fund may invest up to 15% of its net assets in securities for which the markets are restricted. Restricted securities include securities whose disposition is subject to substantial legal or contractual restrictions. The sale of restricted securities often requires more time and results in higher brokerage charges

The Gabelli Global Rising Income and Dividend Fund

Notes to Financial Statements (Continued)

or dealer discounts and other selling expenses than does the sale of securities eligible for trading on national securities exchanges or in the over-the-counter markets. Restricted securities may sell at a price lower than similar securities that are not subject to restrictions on resale. Securities freely saleable among qualified institutional investors under special rules adopted by the SEC may be treated as liquid if they satisfy liquidity standards established by the Board. The continued liquidity of such securities is not as well assured as that of publicly traded securities, and accordingly the Board will monitor their liquidity. There were no restricted securities as of December 31, 2016.

Securities Transactions and Investment Income. Securities transactions are accounted for on the trade date with realized gain or loss on investments determined by using the identified cost method. Interest income (including amortization of premium and accretion of discount) is recorded on the accrual basis. Premiums and discounts on debt securities are amortized using the effective yield to maturity method. Dividend income is recorded on the ex-dividend date, except for certain dividends from foreign securities that are recorded as soon after the ex-dividend date as the Fund becomes aware of such dividends.

Determination of Net Asset Value and Calculation of Expenses. Certain administrative expenses are common to, and allocated among, various affiliated funds. Such allocations are made on the basis of each fund's average net assets or other criteria directly affecting the expenses as determined by the Adviser pursuant to procedures established by the Board.

In calculating the NAV per share of each class, investment income, realized and unrealized gains and losses, redemption fees, and expenses other than class specific expenses are allocated daily to each class of shares based upon the proportion of net assets of each class at the beginning of each day. Distribution expenses are borne solely by the class incurring the expense.

Distributions to Shareholders. Distributions to shareholders are recorded on the ex-dividend date. Distributions to shareholders are based on income and capital gains as determined in accordance with federal income tax regulations, which may differ from income and capital gains as determined under GAAP. These differences are primarily due to differing treatments of income and gains on various investment securities and foreign currency transactions held by the Fund, timing differences, and differing characterizations of distributions made by the Fund. Distributions from net investment income for federal income tax purposes include net realized gains on foreign currency transactions. These book/tax differences are either temporary or permanent in nature. To the extent these differences are permanent, adjustments are made to the appropriate capital accounts in the period when the differences arise. Permanent differences were primarily due to expiration of capital loss carryforwards. These reclassifications have no impact on the NAV of the Fund. For the year ended December 31, 2016, reclassifications were made to decrease accumulated distributions in excess of net investment income by \$48,717 and decrease accumulated distributions in excess of net realized gain on investments and foreign currency transactions by \$562,130, with an offsetting adjustment to paid-in capital.

The Gabelli Global Rising Income and Dividend Fund

Notes to Financial Statements (Continued)

The tax character of distributions paid during the year ended December 31, 2016 and 2015 were as follows:

	Year Ended December 31, 2016	Year Ended December 31, 2015
Distributions paid from:		
Ordinary income	\$559,988	\$538,272
Net long term capital gains	—	109,159
Total	<u>\$559,988</u>	<u>\$647,431</u>

Provision for Income Taxes. The Fund intends to continue to qualify as a regulated investment company under Subchapter M of the Internal Revenue Code of 1986, as amended (the “Code”). It is the policy of the Fund to comply with the requirements of the Code applicable to regulated investment companies and to distribute substantially all of its net investment company taxable income and net capital gains. Therefore, no provision for federal income taxes is required.

As of December 31, 2016, the components of accumulated earnings/losses on a tax basis were as follows:

Accumulated capital loss carryforwards	\$ (179,441)
Undistributed ordinary income	20,920
Net unrealized appreciation on investments, securities sold short, and foreign currency translations	<u>2,237,482</u>
Total	<u>\$2,078,961</u>

At December 31, 2016, the Fund had net capital loss carryforwards for federal income tax purposes which are available to reduce future required distributions of net capital gains to shareholders. Under the Regulated Investment Company Modernization Act of 2010, the Fund is permitted to carry forward for an unlimited period capital losses incurred in years beginning after December 22, 2010. In addition, these losses must be utilized prior to the losses incurred in pre-enactment taxable years. As a result of the rule, pre-enactment capital loss carryforwards may have an increased likelihood of expiring unused. Additionally, post enactment capital losses that are carried forward will retain their character as either short term or long term capital losses rather than being considered all short term as under previous law. The Fund has a long term capital loss carryforward with no expiration of \$179,441.

During the year ended December 31, 2016, \$610,848 of the capital loss carryforwards expired.

At December 31, 2016, the differences between book basis and tax basis unrealized appreciation were primarily due to deferral of losses from wash sales for tax purposes, mark-to-market adjustments on investments in passive foreign investment companies, and adjustments on income from an investment in a defaulted security.

The following summarizes the tax cost of investments and the related net unrealized appreciation at December 31, 2016:

	<u>Cost</u>	<u>Gross Unrealized Appreciation</u>	<u>Gross Unrealized Depreciation</u>	<u>Net Unrealized Appreciation</u>
Investments	\$40,329,921	\$5,052,476	\$(2,786,725)	\$2,265,751

The Fund is required to evaluate tax positions taken or expected to be taken in the course of preparing the Fund’s tax returns to determine whether the tax positions are “more-likely-than-not” of being sustained by the applicable tax authority. Income tax and related interest and penalties would be recognized by the Fund as tax expense in the Statement of Operations if the tax positions were deemed not to meet the more-likely-than-not

The Gabelli Global Rising Income and Dividend Fund

Notes to Financial Statements (Continued)

threshold. As of December 31, 2016, the Adviser has reviewed all open tax years and concluded that there was no impact to the Fund's net assets or results of operations. The Fund's federal and state tax returns for the prior three fiscal years remain open, subject to examination. On an ongoing basis, the Adviser will monitor the Fund's tax positions to determine if adjustments to this conclusion are necessary.

3. Investment Advisory Agreement and Other Transactions. The Fund has entered into an investment advisory agreement (the "Advisory Agreement") with the Adviser which provides that the Fund will pay the Adviser a fee, computed daily and paid monthly, at the annual rate of 1.00% of the value of its average daily net assets. In accordance with the Advisory Agreement, the Adviser provides a continuous investment program for the Fund's portfolio, oversees the administration of all aspects of the Fund's business and affairs, and pays the compensation of all Officers and Directors of the Fund who are affiliated persons of the Adviser.

The Adviser has contractually agreed to waive its investment advisory fee and/or to reimburse expenses of the Fund to the extent necessary to maintain the annualized total operating expenses of the Fund (excluding brokerage, acquired fund fees and expenses, interest, taxes, and extraordinary expenses) until at least May 1, 2017, at no more than 2.00%, 2.00%, 2.75%, and 1.75% of the value of the Fund's average daily net assets for Class AAA, Class A, Class C, and Class I Shares, respectively. In addition, the Fund has agreed, during the two year period following any waiver or reimbursement by the Adviser, to repay such amount to the extent, after giving effect to the repayment, such adjusted annualized total operating expenses of the Fund would not exceed 2.00%, 2.00%, 2.75%, and 1.75% of the value of the Fund's average daily net assets for Class AAA, Class A, Class C, and Class I, respectively. The agreement is renewable annually.

Effective October 1, 2016, the Adviser amended its contractual agreement with respect to Class I shares of the Fund to waive its investment advisory fees and/or to reimburse expenses of the Fund to the extent necessary to maintain the total annual operating expenses after fee waiver and expense reimbursement (excluding brokerage costs, acquired fund fees and expenses, interest, taxes, and extraordinary expenses) at no more than an annual rate of 1.00% of the value of its average daily net assets. For the year ended December 31, 2016, the Adviser reimbursed certain Class I expenses in the amount of \$36,018. This arrangement is in effect through April 30, 2018.

At December 31, 2016, the cumulative amount which the Fund may repay the Adviser, subject to the terms above, is \$36,018, expiring December 31, 2018.

The Corporation pays each Director who is not considered to be an affiliated person an annual retainer of \$6,000 plus \$1,000 for each Board meeting attended, and they are reimbursed for any out of pocket expenses incurred in attending meetings. All Board committee members receive \$1,000 per meeting attended. The Chairman of the Audit Committee receives an annual fee of \$3,000, and the Lead Director receives an annual fee of \$2,000. A Director may receive a single meeting fee, allocated among the participating funds, for attending certain meetings held on behalf of multiple funds. Directors who are directors or employees of the Adviser or an affiliated company receive no compensation or expense reimbursement from the Corporation.

4. Distribution Plan. The Fund's Board has adopted a distribution plan (the "Plan") for each class of shares, except for Class I Shares, pursuant to Rule 12b-1 under the 1940 Act. Under the Class AAA, Class A, and Class C Share Plans, payments are authorized to G.distributors, LLC (the "Distributor"), an affiliate of the Adviser,

The Gabelli Global Rising Income and Dividend Fund

Notes to Financial Statements (Continued)

at annual rates of 0.25%, 0.25%, and 1.00%, respectively, of the average daily net assets of those classes, the annual limitations under each Plan. Such payments are accrued daily and paid monthly.

5. Portfolio Securities. Purchases and sales of securities during the year ended December 31, 2016, other than short term securities and U.S. Government obligations, aggregated \$16,799,166 and \$16,899,657, respectively.

6. Transactions with Affiliates and Other Arrangements. During the year ended December 31, 2016, the Fund paid brokerage commissions on security trades of \$6,159 to G.research, LLC, an affiliate of the Adviser. Additionally, the Distributor retained a total of \$254 from investors representing commissions (sales charges and underwriting fees) on sales and redemptions of Fund shares.

The Fund received credits from a designated broker who agreed to pay certain Fund operating expenses. The amount of such expenses paid through this directed brokerage arrangement during this period was \$1,625.

The cost of calculating the Fund's NAV per share is a Fund expense pursuant to the Advisory Agreement. The Adviser did not seek a reimbursement during the year ended December 31, 2016.

7. Line of Credit. The Fund participates in an unsecured line of credit which expires on March 9, 2017 and may be renewed annually, of up to \$75,000,000 under which it may borrow up to 10% of its net assets from the custodian for temporary borrowing purposes. Borrowings under this arrangement bears interest at a floating rate equal to the higher of the overnight Federal Funds rate plus 125 basis points or the 30-DAY LIBOR plus 125 basis points in effect on that day. This amount, if any, would be included in "Interest expense" in the Statement of Operations. During the year ended December 31, 2016, there were no borrowings under the line of credit.

8. Capital Stock. The Fund offers four classes of shares – Class AAA Shares, Class A Shares, Class C Shares, and Class I Shares. Class AAA and Class I Shares are offered without a sales charge. Class A Shares are subject to a maximum front-end sales charge of 5.75%, and Class C Shares are subject to a 1.00% contingent deferred sales charge for one year after purchase.

The Fund imposes a redemption fee of 2.00% on all classes of shares that are redeemed or exchanged on or before the seventh day after the date of a purchase. The redemption fee is deducted from the proceeds otherwise payable to the redeeming shareholders and is retained by the Fund as an increase in paid-in capital. The redemption fees retained by the Fund during the years ended December 31, 2016 and 2015, if any, can be found in the Statement of Changes in Net Assets under Redemption Fees.

The Gabelli Global Rising Income and Dividend Fund

Notes to Financial Statements (Continued)

Transactions in shares of capital stock were as follows:

	Year Ended December 31, 2016		Year Ended December 31, 2015	
	Shares	Amount	Shares	Amount
Class AAA				
Shares sold	19,227	\$ 430,814	167,614	\$ 3,763,907
Shares issued upon reinvestment of distributions	1,932	43,974	4,161	91,631
Shares redeemed	(145,369)	(3,072,133)	(407,791)	(9,210,395)
Net decrease	<u>(124,210)</u>	<u>\$(2,597,345)</u>	<u>(236,016)</u>	<u>\$(5,354,857)</u>
Class A				
Shares sold	3,017	\$ 66,861	19,233	\$ 432,967
Shares issued upon reinvestment of distributions	166	3,780	415	9,152
Shares redeemed	(13,902)	(308,682)	(4,453)	(101,123)
Net increase/(decrease)	<u>(10,719)</u>	<u>\$(238,041)</u>	<u>15,195</u>	<u>\$ 340,996</u>
Class C				
Shares sold	18,543	\$ 347,754	26,397	\$ 503,659
Shares issued upon reinvestment of distributions	201	3,879	434	8,142
Shares redeemed	(13,476)	(256,654)	(3,009)	(58,092)
Net increase	<u>5,268</u>	<u>\$ 94,979</u>	<u>23,822</u>	<u>\$ 453,709</u>
Class I				
Shares sold	27,866	\$ 604,931	713,734	\$16,133,208
Shares issued upon reinvestment of distributions	22,101	505,002	24,197	535,236
Shares redeemed	(76,266)	(1,700,674)	(318,695)	(7,165,723)
Net increase/(decrease)	<u>(26,299)</u>	<u>\$(590,741)</u>	<u>419,236</u>	<u>\$ 9,502,721</u>

9. Significant Shareholder. As of December 31, 2016, approximately 87% of the Fund was beneficially owned by the Adviser and its affiliates.

10. Indemnifications. The Fund enters into contracts that contain a variety of indemnifications. The Fund's maximum exposure under these arrangements is unknown. However, the Fund has not had prior claims or losses pursuant to these contracts. Management has reviewed the Fund's existing contracts and expects the risk of loss to be remote.

11. Subsequent Events. Management has evaluated the impact on the Fund of all subsequent events occurring through the date the financial statements were issued and has determined that there were no subsequent events requiring recognition or disclosure in the financial statements.

The Gabelli Global Rising Income and Dividend Fund Report of Independent Registered Public Accounting Firm

To the Board of Directors of GAMCO Global Series Funds, Inc. and the Shareholders of The Gabelli Global Rising Income and Dividend Fund

We have audited the accompanying statement of assets and liabilities, including the schedule of investments, of The Gabelli Global Rising Income and Dividend Fund (the "Fund"), one of the series constituting GAMCO Global Series Funds, Inc., as of December 31, 2016, and the related statement of operations for the year then ended, the statements of changes in net assets for each of the two years in the period then ended, and the financial highlights for each of the five years in the period then ended. These financial statements and financial highlights are the responsibility of the Fund's management. Our responsibility is to express an opinion on these financial statements and financial highlights based on our audits.

We conducted our audits in accordance with the standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements and financial highlights are free of material misstatement. We were not engaged to perform an audit of the Fund's internal control over financial reporting. Our audits included consideration of internal control over financial reporting as a basis for designing audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Fund's internal control over financial reporting. Accordingly, we express no such opinion. An audit also includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements and financial highlights, assessing the accounting principles used and significant estimates made by management, and evaluating the overall financial statement presentation. Our procedures included confirmation of securities owned as of December 31, 2016, by correspondence with the Fund's custodian. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the financial statements and financial highlights referred to above present fairly, in all material respects, the financial position of the Fund at December 31, 2016, the results of its operations for the year then ended, the changes in its net assets for each of the two years in the period then ended, and its financial highlights for each of the five years in the period then ended, in conformity with U.S. generally accepted accounting principles.

Ernst + Young LLP

New York, New York
February 28, 2017

The Gabelli Global Rising Income and Dividend Fund

Board Consideration and Re-Approval of Investment Advisory Agreements (Unaudited)

During the six months ended December 31, 2016, the Board of Directors of the Corporation approved the continuation of the investment advisory agreement with the Adviser for the Fund on the basis of the recommendation by the directors (the “Independent Board Members”) who are not “interested persons” of the Fund. The following paragraphs summarize the material information and factors considered by the Independent Board Members as well as their conclusions relative to such factors.

Nature, Extent, and Quality of Services. The Independent Board Members considered information regarding the portfolio managers, the depth of the analyst pool available to the Adviser and the Fund’s portfolio managers, the scope of supervisory, administrative, shareholder, and other services supervised or provided by the Adviser, and the absence of significant service problems reported to the Board. The Independent Board Members noted the experience, length of service, and reputation of the Fund’s portfolio managers.

Investment Performance. The Independent Board Members reviewed the short and medium term performance of the Fund against a peer group of convertible securities funds. The Independent Board Members noted that the Fund had substantially changed its investment strategy two years ago and that consequently comparisons to convertible securities funds would no longer be relevant for periods since the transition to the new strategy focusing on common equity securities expected to increase dividends over time. The Independent Board Members noted that the Fund’s performance for the one year period has improved and also noted that, in relation to the historical peer group, the Fund’s performance for the three and five year periods was relatively poor. The Independent Board Members stated that going forward, comparison should be made to a more appropriate peer group and that the Board would monitor the performance of the Fund closely during the transition period.

Profitability. The Independent Board Members reviewed summary data regarding the lack of profitability of the Fund to the Adviser both with an administrative overhead charge and without such a charge. The Independent Board Members also noted that an affiliated broker of the Adviser received distribution fees and minor amounts of sales commissions.

Economies of Scale. The Independent Board Members discussed the major elements of the Adviser’s cost structure and the relationship of those elements to potential economies of scale and reviewed rudimentary data relating to the impact of 20% growth in the Fund on the Adviser’s profitability.

Sharing of Economies of Scale. The Independent Board Members noted that the investment management fee schedule for the Fund does not take into account any potential economies of scale that may develop.

Service and Cost Comparisons. The Independent Board Members compared the expense ratios of the investment management fee, other expenses, and total expenses of the Fund with similar expense ratios of the peer group of convertible securities funds and noted that the Adviser’s management fee includes substantially all administrative services of the Fund as well as investment advisory services. The Independent Board Members noted that the Fund’s expense ratios, after voluntary expense reimbursements, were significantly higher than and the Fund’s size was significantly lower than average within this group. The Independent Board Members also noted that all of the peer group were convertible funds, thereby limiting the usefulness of peer group comparisons. The Independent Board Members were presented with, but did not consider to be material to their decision, various information comparing the advisory fee with the fee for other types of accounts managed by the Adviser.

The Gabelli Global Rising Income and Dividend Fund

Board Consideration and Re-Approval of Investment Advisory Agreements (Unaudited) (Continued)

Conclusions. The Independent Board Members concluded that the Fund enjoyed highly experienced portfolio management services, good ancillary services, but had a relatively poor performance record and had substantially changed its investment focus in 2014. The Independent Board Members also concluded that the Fund's expense ratios were reasonable, particularly in light of the lack of profitability to the Adviser of managing the Fund, and that economies of scale were not a significant factor in their thinking at this time. The Board Members did not view the potential profitability of ancillary services as material to their decision. On the basis of the foregoing and without assigning particular weight to any single conclusion, the Independent Board Members determined to recommend continuation of the investment management agreement to the full Board.

Based on a consideration of all these factors in their totality, the Board Members, including all of the Independent Board Members, determined that the Fund's advisory fee was fair and reasonable with respect to the quality of services provided and in light of the other factors described above that the Board deemed relevant. Accordingly, the Board Members determined to approve the continuation of each Fund's Advisory Agreement. The Board Members based its decision on evaluations of all these factors as a whole and did not consider any one factor as all important or controlling.

The Gabelli Global Rising Income and Dividend Fund

Additional Fund Information (Unaudited)

The business and affairs of the Fund are managed under the direction of the Corporation's Board of Directors. Information pertaining to the Directors and officers of the Fund is set forth below. The Corporation's Statement of Additional Information includes additional information about the Fund's Directors and is available without charge, upon request, by calling 800-GABELLI (800-422-3554) or by writing to The Gabelli Global Rising Income and Dividend Fund at One Corporate Center, Rye, NY 10580-1422.

<u>Name, Position(s) Address¹ and Age</u>	<u>Term of Office and Length of Time Served²</u>	<u>Number of Funds in Fund Complex Overseen by Director</u>	<u>Principal Occupation(s) During Past Five Years</u>	<u>Other Directorships Held by Director⁴</u>
INTERESTED DIRECTORS³:				
Mario J. Gabelli, CFA Director and Chief Investment Officer Age: 74	Since 1993	31	Chairman, Chief Executive Officer, and Chief Investment Officer—Value Portfolios of GAMCO Investors, Inc. and Chief Investment Officer—Value Portfolios of Gabelli Funds, LLC and GAMCO Asset Management Inc.; Director/Trustee or Chief Investment Officer of other registered investment companies within the Gabelli/GAMCO Fund Complex; Chief Executive Officer of GGCP, Inc.; Executive Chairman of Associated Capital Group, Inc.	Director of Morgan Group Holdings, Inc. (holding company); Chairman of the Board and Chief Executive Officer of LICT Corp. (multimedia and communication services company); Director of CIBL, Inc. (broadcasting and wireless communications); Director of ICTC Group Inc. (communications); Director of RLJ Acquisition Inc. (blank check company) (2011-2012)
John D. Gabelli Director Age: 72	Since 1993	10	Senior Vice President of G.research, LLC	—
INDEPENDENT DIRECTORS⁵:				
E. Val Cerutti Director Age: 77	Since 2001	7	Chief Executive Officer of Cerutti Consultants, Inc.	—
Anthony J. Colavita Director Age: 81	Since 1993	36	President of the law firm of Anthony J. Colavita, P.C.	—
Arthur V. Ferrara Director Age: 86	Since 2001	8	Former Chairman of the Board and Chief Executive Officer of The Guardian Life Insurance Company of America (1993 – 1995)	—
Werner J. Roeder, MD Director Age: 76	Since 1993	23	Practicing private physician; Former Medical Director of Lawrence Hospital (1999-2014)	—
Anthonie C. van Ekris Director Age: 82	Since 1993	22	Chairman and Chief Executive Officer of BALMAC International, Inc. (global import/export company)	—
Salvatore J. Zizza Director Age: 71	Since 2004	30	President of Zizza & Associates Corp. (private holding company); Chairman of Harbor Diversified, Inc. (pharmaceuticals); Chairman of BAM (semiconductor and aerospace manufacturing); Chairman of Bergen Cove Realty Inc.; Chairman of Metropolitan Paper Recycling Inc. (recycling) (2005-2014)	Director and Vice Chairman of Trans-Lux Corporation (business services); Director and Chairman of Harbor Diversified Inc. (pharmaceuticals); Director, Chairman, and CEO of General Employment Enterprises (staffing services) (2009-2012)

The Gabelli Global Rising Income and Dividend Fund Additional Fund Information (Continued) (Unaudited)

<u>Name, Position(s) Address¹ and Age</u>	<u>Term of Office and Length of Time Served²</u>	<u>Principal Occupation(s) During Past Five Years</u>
OFFICERS:		
Bruce N. Alpert President Age: 65	Since 2003	Executive Vice President and Chief Operating Officer of Gabelli Funds, LLC since 1988; Officer of registered investment companies within the Gabelli/GAMCO Fund Complex; Senior Vice President of GAMCO Investors, Inc. since 2008; Director of Teton Advisors, Inc., 1998-2012; Chairman of Teton Advisors, Inc., 2008-2010
Andrea R. Mango Secretary Age: 44	Since 2013	Vice President of GAMCO Investors, Inc. since 2016; Counsel of Gabelli Funds, LLC since 2013; Secretary of all registered investment companies within the Gabelli/GAMCO Fund Complex since 2013; Vice President of all closed-end funds within the Gabelli/GAMCO Fund Complex since 2014; Corporate Vice President within the Corporate Compliance Department of New York Life Insurance Company, 2011-2013; Vice President and Counsel of Deutsche Bank, 2006-2011
Agnes Mullady Treasurer Age: 58	Since 2006	President and Chief Operating Officer of the Fund Division of Gabelli Funds, LLC since 2010; Chief Executive Officer of G.distributors, LLC since 2010; Senior Vice President of GAMCO Investors, Inc. since 2009; Vice President of Gabelli Funds, LLC since 2007; Executive Vice President of Associated Capital Group, Inc. since November 2016; Officer of all of the registered investment companies within the Gabelli/GAMCO Fund Complex
Richard J. Walz Chief Compliance Officer Age: 57	Since 2013	Chief Compliance Officer of all of the registered investment companies within the Gabelli/GAMCO Fund Complex since 2013; Chief Compliance Officer of AEGON USA Investment Management, 2011-2013; Chief Compliance Officer of Cutwater Asset Management, 2004-2011

¹ Address: One Corporate Center, Rye, NY 10580-1422, unless otherwise noted.

² Each Director will hold office for an indefinite term until the earliest of (i) the next meeting of shareholders, if any, called for the purpose of considering the election or re-election of such Director and until the election and qualification of his or her successor, if any, elected at such meeting, or (ii) the date a Director resigns or retires, or a Director is removed by the Board of Directors or shareholders, in accordance with the Corporation's By-Laws and Articles of Incorporation. Each officer will hold office for an indefinite term until the date he or she resigns or retires or until his or her successor is elected and qualified.

³ "Interested person" of the Corporation as defined in the 1940 Act. Messrs. Gabelli are each considered an "interested person" because of their affiliation with Gabelli Funds, LLC which acts as the Corporation's investment adviser. Mario J. Gabelli and John D. Gabelli are brothers.

⁴ This column includes only directorships of companies required to report to the SEC under the Securities Exchange Act of 1934, as amended, i.e., public companies, or other investment companies registered under the 1940 Act.

⁵ Directors who are not interested persons are considered "Independent" Directors.

Gabelli/GAMCO Funds and Your Personal Privacy

Who are we?

The Gabelli/GAMCO Funds are investment companies registered with the Securities and Exchange Commission under the Investment Company Act of 1940. We are managed by Gabelli Funds, LLC and GAMCO Asset Management Inc., which are affiliated with GAMCO Investors, Inc. that is a publicly held company with subsidiaries and affiliates that provide investment advisory services for a variety of clients.

What kind of non-public information do we collect about you if you become a fund shareholder?

If you apply to open an account directly with us, you will be giving us some non-public information about yourself. The non-public information we collect about you is:

- *Information you give us on your application form.* This could include your name, address, telephone number, social security number, bank account number, and other information.
- *Information about your transactions with us, any transactions with our affiliates, and transactions with the entities we hire to provide services to you.* This would include information about the shares that you buy or redeem. If we hire someone else to provide services — like a transfer agent — we will also have information about the transactions that you conduct through them.

What information do we disclose and to whom do we disclose it?

We do not disclose any non-public personal information about our customers or former customers to anyone other than our affiliates, our service providers who need to know such information, and as otherwise permitted by law. If you want to find out what the law permits, you can read the privacy rules adopted by the Securities and Exchange Commission. They are in volume 17 of the Code of Federal Regulations, Part 248. The Commission often posts information about its regulations on its website, www.sec.gov.

What do we do to protect your personal information?

We restrict access to non-public personal information about you to the people who need to know that information in order to provide services to you or the fund and to ensure that we are complying with the laws governing the securities business. We maintain physical, electronic, and procedural safeguards to keep your personal information confidential.

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THE GABELLI GLOBAL RISING INCOME AND DIVIDEND FUND
One Corporate Center
Rye, NY 10580-1422

Portfolio Manager Biography

Mario J. Gabelli, CFA, is Chairman, Chief Executive Officer, and Chief Investment Officer - Value Portfolios of GAMCO Investors, Inc. that he founded in 1977, and Chief Investment Officer - Value Portfolios of Gabelli Funds, LLC and GAMCO Asset Management Inc. He is also Executive Chairman of Associated Capital Group, Inc. Mr. Gabelli is a summa cum laude graduate of Fordham University and holds an MBA degree from Columbia Business School and Honorary Doctorates from Fordham University and Roger Williams University.

2016 TAX NOTICE TO SHAREHOLDERS (Unaudited)

For the year ended December 31, 2016, the Fund paid to shareholders ordinary income distributions (comprised of net investment income and short term capital gains) totaling \$0.232, \$0.218, \$0.108, and \$0.314 per share for Class AAA, Class A, Class C, and Class I Shares, respectively. For the year ended December 31, 2016, 75.56% of the ordinary income distribution qualifies for the dividends received deduction available to corporations. The Fund designates 100% of the ordinary income distribution as qualified dividend income pursuant to the Jobs and Growth Tax Relief Reconciliation Act of 2003. The Fund designates 10.04% of the ordinary income distribution as qualified interest income pursuant to the Tax Relief, Unemployment Reauthorization, and Job Creation Act of 2010.

U.S. Government Income:

The percentage of the ordinary income distribution paid by the Fund during the year ended December 31, 2016 which was derived from U.S. Treasury securities was 3.38%. Such income is exempt from state and local tax in all states. However, many states, including New York and California, allow a tax exemption for a portion of the income earned only if a mutual fund has invested at least 50% of its assets at the end of each quarter of the Fund's fiscal year in U.S. Government securities. The Fund did not meet this strict requirement in 2016. The percentage of U.S. Government securities held as of December 31, 2016 was 18.14%. Due to the diversity in state and local tax law, it is recommended that you consult your personal tax adviser as to the applicability of the information provided to your specific situation.

All designations are based on financial information available as of the date of this annual report and, accordingly, are subject to change. For each item, it is the intention of the Fund to designate the maximum amount permitted under the Internal Revenue Code and the regulations thereunder.

We have separated the portfolio manager's commentary from the financial statements and investment portfolio due to corporate governance regulations stipulated by the Sarbanes-Oxley Act of 2002. We have done this to ensure that the content of the portfolio manager's commentary is unrestricted. Both the commentary and the financial statements, including the portfolio of investments, will be available on our website at www.gabelli.com.

GAMCO Global Series Funds, Inc.

**THE GABELLI GLOBAL RISING INCOME
AND DIVIDEND FUND**

One Corporate Center
Rye, New York 10580-1422

t 800-GABELLI (800-422-3554)

f 914-921-5118

e info@gabelli.com
GABELLI.COM

Net Asset Value per share available daily
by calling 800-GABELLI after 7:00 P.M.

BOARD OF DIRECTORS

Mario J. Gabelli, CFA
Chairman and
Chief Executive Officer,
GAMCO Investors, Inc.
Executive Chairman,
Associated Capital Group, Inc.

E. Val Cerutti
Chief Executive Officer,
Cerutti Consultants, Inc.

Anthony J. Colavita
President,
Anthony J. Colavita, P.C.

Arthur V. Ferrara
Former Chairman and
Chief Executive Officer,
Guardian Life Insurance
Company of America

John D. Gabelli
Senior Vice President,
G.research, LLC

Werner J. Roeder, MD
Former Medical Director,
Lawrence Hospital

Anthonie C. van Ekris
Chairman,
BALMAC International, Inc.

Salvatore J. Zizza
Chairman,
Zizza & Associates Corp.

OFFICERS

Bruce N. Alpert
President

Andrea R. Mango
Secretary

Agnes Mullady
Treasurer

Richard J. Walz
Chief Compliance Officer

DISTRIBUTOR

G.distributors, LLC

**CUSTODIAN, TRANSFER
AGENT, AND DIVIDEND
DISBURSING AGENT**

State Street Bank and Trust
Company

LEGAL COUNSEL

Skadden, Arps, Slate, Meagher &
Flom LLP

This report is submitted for the general information of the shareholders of The Gabelli Global Rising Income and Dividend Fund. It is not authorized for distribution to prospective investors unless preceded or accompanied by an effective prospectus.

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GABELLI
FUNDS

THE GABELLI GLOBAL RISING INCOME AND DIVIDEND FUND

Annual Report
December 31, 2016

