

GAMCO International Growth Fund, Inc.

Annual Report — December 31, 2016



Caesar M. P. Bryan
Portfolio Manager

To Our Shareholders,

For the year ended December 31, 2016, the net asset value (“NAV”) per Class AAA Share of the GAMCO International Growth Fund, Inc. decreased 2.4% compared with an increase of 1.0% for the Morgan Stanley Capital International (“MSCI”) Europe, Australasia, and the Far East (“EAFE”) Index. See page 3 for additional performance information.

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

Performance Discussion (Unaudited)

We purchase attractively valued companies that we believe have the opportunity to grow earnings more rapidly than average within that company’s local market. We pay close attention to a company’s market position, management, and balance sheet, with particular emphasis on the ability of the company to finance its growth. Generally, we value a company relative to its local market, but where appropriate, we will attempt to benefit from valuation discrepancies between markets. Our primary focus is on security selection and not country allocation, but the Fund will remain diversified by sector and geography. Country allocation is likely to reflect broad economic, financial, and currency trends, as well as relative size of the market.

The Fund is focused on developed countries and not the emerging markets. We have concentrated the Fund’s investments in Japan (26.6% of net assets as of December 31, 2016), the UK (20.4%), France (13.1%), and Switzerland (12.6%). Economic growth in most of the developed world disappointed and caused overseas central banks to maintain or expand their asset purchase activities. In Japan, the Bank of Japan is buying various equity and real estate ETFs and in Europe, the European Central Bank is buying corporate debt.

A large contributor to performance in 2016 was Keyence (4.0% of net assets as of December 31, 2016). Headquartered in Japan, Keyence engages in the development, manufacturing, and sale of industrial automation and inspection equipment worldwide. Increasing demand for automation services is fueling the steady growth of the company. Additionally, Agnico Eagle Mines (1.7%), a mid-tier gold producer with operations in Canada, Mexico, and Finland, has a strong balance sheet and low unit cash costs that allow it to comfortably complete new projects while continuing its dividend; and Christian Dior SE (2.6%) a French holding company engaged in the production and distribution of consumer goods. Dior recorded strong growth with success across its multiple product lines, including taking the number one spot in the apparel group on Forbes Magazine’s 2016 Global 2000 list.

Our weaker holdings included Novo Nordisk (1.2%), a global healthcare company focused on innovation and improvement in diabetes care. During 2016 the pharmaceutical environment in the U.S. became significantly more challenging, and negatively impacted future pricing for Novo’s products. In September the company announced plans to reduce its workforce by 1,000 employees; Associated British Foods (AB) (1.5%), a diversified international food, ingredients, and retail group was hit by concerns about a slowdown at its discount retailer Primark (negative

effects of the weak pound on Primark's products sourced from abroad) and the outlook for AB's sugar business; and Roche Holding AG (3.4%), a global leader in the pharmaceutical and diagnostic industries. After starting the year with poor earnings, Roche disappointed investors further by extending the review date of their much anticipated multiple sclerosis drug Ocrevus.

Thank you for your investment in the GAMCO International Growth Fund.

We appreciate your confidence and trust.

Comparative Results

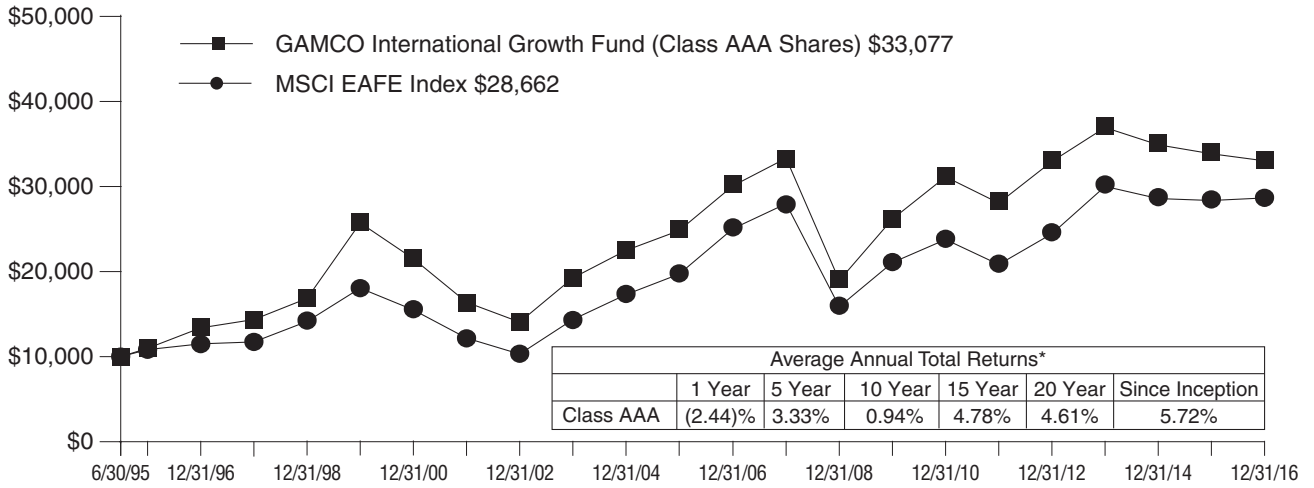
Average Annual Returns through December 31, 2016 (a) (Unaudited)

	1 Year	5 Year	10 Year	15 Year	20 Year	Since Inception (6/30/95)
Class AAA (GIGRX)	(2.44)%	3.33%	0.94%	4.78%	4.61%	5.72%
MSCI EAFE Index	1.00	6.53	0.75	5.28	4.17	4.55
Lipper International Large-Cap Growth Fund Classification	(1.14)	5.75	1.83	5.64	5.88	6.48
Lipper International Multi-Cap Growth Fund Classification	(1.23)	5.88	0.80	5.23	4.85	5.33
Class A (GAIGX)	(2.41)	3.35	0.99	4.90	4.71	5.81
With sales charge (b)	(8.02)	2.13	0.39	4.49	4.40	5.52
Class C (GCIGX)	(3.12)	2.57	0.20	3.95	3.95	5.10
With contingent deferred sales charge (c)	(4.09)	2.57	0.20	3.95	3.95	5.10
Class I (GIIGX)	(1.35)	4.02	1.39	5.09	4.85	5.94

In the current prospectuses dated April 29, 2016, the gross expense ratios for Class AAA, A, C, and I Shares are 2.12%, 2.12%, 2.87%, and 1.87%, respectively, and the net expense ratios for these share classes after contractual reimbursements by Gabelli Funds, LLC, (the "Adviser") are 2.12%, 2.12%, 2.87%, and 1.01%, respectively. See page 5 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 for Class I Shares would have been lower had the Adviser not reimbursed certain expenses. The Fund imposes a 2% redemption fee on shares sold or exchanged within seven days 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 July 25, 2001, December 17, 2000, 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 MSCI EAFE Index is an unmanaged indicator of international stock market performance, while the Lipper International Large-Cap Growth Fund Classification and the Lipper International Multi-Cap Growth Fund Classification reflect the average performance of mutual funds classified in these particular categories. 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.

**COMPARISON OF CHANGE IN VALUE OF A \$10,000 INVESTMENT IN
GAMCO INTERNATIONAL GROWTH FUND (CLASS AAA SHARES)
AND MSCI EAFE 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.

GAMCO International Growth Fund, Inc.

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*
GAMCO International Growth Fund, Inc.				
Actual Fund Return				
Class AAA	\$1,000.00	\$ 960.10	2.03%	\$10.00
Class A	\$1,000.00	\$ 960.20	2.03%	\$10.00
Class C	\$1,000.00	\$ 956.50	2.78%	\$13.67
Class I	\$1,000.00	\$ 965.10	1.00%	\$ 4.94
Hypothetical 5% Return				
Class AAA	\$1,000.00	\$1,014.93	2.03%	\$10.28
Class A	\$1,000.00	\$1,014.93	2.03%	\$10.28
Class C	\$1,000.00	\$1,011.16	2.78%	\$14.05
Class I	\$1,000.00	\$1,020.11	1.00%	\$ 5.08

* 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:

GAMCO International Growth Fund, Inc.

Consumer Staples - Food, Beverage, and Tobacco	20.5%	Consumer Staples - Household and Personal Products	6.2%
Consumer Discretionary	19.0%	Telecommunication Services	1.9%
Health Care	14.0%	U.S. Government Obligations	1.4%
Industrials	12.3%	Energy	1.2%
Materials	8.2%	Other Assets and Liabilities (Net)	<u>(0.2)%</u>
Information Technology	7.8%		<u>100.0%</u>
Financials	7.7%		

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 website at www.sec.gov.

GAMCO International Growth Fund, Inc.
Schedule of Investments — December 31, 2016

Shares		Cost	Market Value	Shares		Cost	Market Value	
COMMON STOCKS — 98.8%				MATERIALS — 8.2%				
CONSUMER STAPLES - FOOD, BEVERAGE, AND TOBACCO — 20.5%				INFORMATION TECHNOLOGY — 7.8%				
11,000	Associated British Foods plc	\$ 379,623	\$ 372,125	9,850	Agnico Eagle Mines Ltd.	\$ 474,751	\$ 413,700	
9,500	British American Tobacco plc	282,256	541,079	3,325	Air Liquide SA	395,363	369,783	
5,500	Danone SA	361,209	348,534	7,000	Chr. Hansen Holding A/S.....	265,088	387,639	
27,200	Diageo plc	342,387	707,303	4,000	Randgold Resources Ltd., ADR	288,918	305,360	
5,000	FamilyMart UNY Holdings Co. Ltd. .	224,448	332,834	12,925	Rio Tinto plc	431,167	503,113	
5,500	Heineken NV	295,594	412,567			<u>1,855,287</u>	<u>1,979,595</u>	
19,300	Japan Tobacco Inc.	560,667	634,774	1,400	FINANCIALS — 7.7%			
7,000	Kameda Seika Co. Ltd.....	281,216	319,829	3,500	Keyence Corp.....	295,542	960,684	
11,800	Nestlé SA	627,943	846,499	40,000	Murata Manufacturing Co. Ltd.....	377,212	468,663	
4,000	Pernod Ricard SA	223,454	433,483	35,000	The Sage Group plc	341,798	322,891	
		<u>3,578,797</u>	<u>4,949,027</u>		Yahoo! Japan Corp.....	152,964	134,460	
						<u>1,167,516</u>	<u>1,886,698</u>	
CONSUMER DISCRETIONARY — 19.0%				CONSUMER STAPLES - HOUSEHOLD AND PERSONAL PRODUCTS — 6.2%				
8,100	Accor SA	247,273	302,094	300,000	China Galaxy Securities Co. Ltd., Cl. H.	280,966	270,424	
25,000	Atresmedia Corp. de Medios de Comunicacion SA	349,906	273,427	13,000	CK Hutchison Holdings Ltd.....	115,219	147,360	
3,000	Christian Dior SE	222,942	629,224	8,000	Investor AB, Cl. B.	286,619	298,992	
11,000	Compagnie Financiere Richemont SA	265,190	728,616	17,000	Kinnevik AB, Cl. B.	400,197	407,339	
1,100	Fast Retailing Co. Ltd.	250,112	393,694	17,000	Prudential plc	397,433	340,976	
1,050	Hermes International	368,632	431,062	10,500	Schroders plc	269,971	387,950	
80,000	ITV plc	312,645	203,495			<u>1,750,405</u>	<u>1,853,041</u>	
8,000	Liberty Global plc, Cl. C†.....	254,145	237,600	4,300	TELECOMMUNICATION SERVICES — 1.9%			
4,300	Naspers Ltd., Cl. N	440,295	630,606	2,500	Millicom International Cellular SA, SDR	155,581	128,191	
8,000	ProSiebenSat.1 Media SE.....	404,745	308,301	5,000	SoftBank Group Corp.	350,602	332,192	
18,000	Rakuten Inc.....	230,723	176,419			<u>506,183</u>	<u>460,383</u>	
10,000	Sony Corp.	259,801	280,214	5,000	ENERGY — 1.2%			
		<u>3,606,409</u>	<u>4,594,752</u>		3,500	Schlumberger Ltd.....	287,619	293,825
HEALTH CARE — 14.0%				TOTAL COMMON STOCKS				
7,500	AstraZeneca plc	528,797	410,161			<u>19,389,273</u>	<u>23,842,227</u>	
1,800	Essilor International SA	229,448	203,404					
18,000	GlaxoSmithKline plc	371,292	346,504					
9,000	Novartis AG	492,535	654,915					
8,000	Novo Nordisk A/S, Cl. B.	328,441	288,510					
3,600	Roche Holding AG, Genusschein ...	551,319	822,312					
3,750	Shire plc	299,297	216,472					
28,400	Smith & Nephew plc	310,219	427,354					
		<u>3,111,348</u>	<u>3,369,632</u>					
INDUSTRIALS — 12.3%								
3,700	FANUC Corp.	424,192	627,298					
14,700	Jardine Matheson Holdings Ltd. ...	606,129	812,175					
14,000	Komatsu Ltd.....	341,134	317,134					
2,200	Nidec Corp.	202,653	189,835					
8,300	Park24 Co. Ltd.....	151,671	225,121					
2,800	SMC Corp.	426,520	668,526					
7,000	Travis Perkins plc	218,087	125,262					
		<u>2,370,386</u>	<u>2,965,351</u>					

See accompanying notes to financial statements.

GAMCO International Growth Fund, Inc.

Statement of Assets and Liabilities December 31, 2016

Assets:	
Investments, at value (cost \$19,718,759)	\$24,171,737
Receivable for Fund shares sold	600
Receivable from Adviser	5,321
Dividends receivable	93,760
Prepaid expenses	24,549
Total Assets	<u>24,295,967</u>
Liabilities:	
Payable to custodian	75,635
Payable for Fund shares redeemed	14,016
Payable for investment advisory fees	20,303
Payable for distribution fees	3,710
Payable for legal and audit fees	24,987
Payable for shareholder communications expenses	13,665
Other accrued expenses	20,025
Total Liabilities	<u>172,341</u>
Net Assets (applicable to 1,228,495 shares outstanding) ..	<u>\$24,123,626</u>
Net Assets Consist of:	
Paid-in capital	\$19,722,078
Distributions in excess of net investment income and foreign currency transactions	(46,216)
Accumulated net realized gain on investments and foreign currency transactions	22
Net unrealized appreciation on investments	4,452,978
Net unrealized depreciation on foreign currency translations	(5,236)
Net Assets	<u>\$24,123,626</u>
Shares of Capital Stock, each at \$0.001 par value:	
Class AAA:	
Net Asset Value, offering, and redemption price per share (\$16,111,661 ÷ 823,116 shares outstanding; 375,000,000 shares authorized) ...	<u>\$19.57</u>
Class A:	
Net Asset Value and redemption price per share (\$603,390 ÷ 30,241 shares outstanding; 250,000,000 shares authorized)	<u>\$19.95</u>
Maximum offering price per share (NAV ÷ 0.9425, based on maximum sales charge of 5.75% of the offering price)	<u>\$21.17</u>
Class C:	
Net Asset Value and offering price per share (\$225,617 ÷ 12,567 shares outstanding; 125,000,000 shares authorized)	<u>\$17.95(a)</u> *
Class I:	
Net Asset Value, offering, and redemption price per share (\$7,182,958 ÷ 362,571 shares outstanding; 125,000,000 shares authorized) ...	<u>\$19.81</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 \$62,020)	\$ 591,190
Interest	1,239
Total Investment Income	<u>592,429</u>
Expenses:	
Investment advisory fees	264,298
Distribution fees - Class AAA	43,758
Distribution fees - Class A	1,739
Distribution fees - Class C	2,741
Registration expenses	48,172
Legal and audit fees	44,701
Shareholder communications expenses	35,470
Shareholder services fees	19,856
Directors' fees	17,000
Custodian fees	9,771
Interest expense	920
Miscellaneous expenses	40,118
Total Expenses	<u>528,544</u>
Less:	
Expense reimbursements (See Note 3)	(64,752)
Reimbursement for custody fees*	(340,998)
Total Reimbursements	<u>(405,750)</u>
Net Expenses	<u>122,794</u>
Net Investment Income	<u>469,635</u>
Net Realized and Unrealized Gain/(Loss) on Investments and Foreign Currency:	
Net realized gain on investments	495,414
Net realized loss on foreign currency transactions	(5,310)
Net realized gain on investments and foreign currency transactions	<u>490,104</u>
Net change in unrealized appreciation/depreciation: on investments	(1,495,165)
on foreign currency translations	<u>3,159</u>
Net change in unrealized appreciation/depreciation on investments and foreign currency translations	<u>(1,492,006)</u>
Net Realized and Unrealized Gain/(Loss) on Investments and Foreign Currency	<u>(1,001,902)</u>
Net Decrease in Net Assets Resulting from Operations	<u>\$ (532,267)</u>

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

See accompanying notes to financial statements.

GAMCO International Growth Fund, Inc.

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.....	\$ 469,635	\$ 46,799
Net realized gain/(loss) on investments and foreign currency transactions.....	490,104	(440,993)
Net change in unrealized appreciation/depreciation on investments and foreign currency translations.....	<u>(1,492,006)</u>	<u>(870,536)</u>
Net Decrease in Net Assets Resulting from Operations	<u>(532,267)</u>	<u>(1,264,730)</u>
Distributions to Shareholders:		
Net investment income		
Class AAA.....	(263,182)	(1,751)
Class A	(9,580)	(384)
Class C	(1,978)	—
Class I	<u>(198,886)</u>	<u>(74,059)</u>
	<u>(473,626)</u>	<u>(76,194)</u>
Net realized gain		
Class AAA.....	(27,776)	(16,592)
Class A	(1,024)	(657)
Class C	(427)	(352)
Class I	<u>(12,138)</u>	<u>(6,394)</u>
	<u>(41,365)</u>	<u>(23,995)</u>
Total Distributions to Shareholders	<u>(514,991)</u>	<u>(100,189)</u>
Capital Share Transactions:		
Class AAA.....	(1,934,329)	(2,914,513)
Class A	(138,573)	284,227
Class C	(127,755)	(95,859)
Class I	<u>72,421</u>	<u>5,653,048</u>
Net Increase/(Decrease) in Net Assets from Capital Share Transactions	<u>(2,128,236)</u>	<u>2,926,903</u>
Redemption Fees	<u>10</u>	<u>45</u>
Net Increase/(Decrease) in Net Assets	<u>(3,175,484)</u>	<u>1,562,029</u>
Net Assets:		
Beginning of year	<u>27,299,110</u>	<u>25,737,081</u>
End of year (including undistributed net investment income of \$0 and \$0, respectively)	<u>\$24,123,626</u>	<u>\$27,299,110</u>

See accompanying notes to financial statements.

GAMCO International Growth Fund, Inc.

Financial Highlights

Selected data for a share of capital stock outstanding throughout each year:

Year Ended December 31	Income (Loss) from Investment Operations				Distributions			Ratios to Average Net Assets/ Supplemental Data							
	Net Asset Value Beginning of Year	Net Investment Income (Loss)(a)	Net Unrealized Gain (Loss) on Investments	Total from Investment Operations	Net Investment Income	Net Realized Gain on Investments	Total Distributions	Redemption Fees(a)(b)	Net Asset Value End of Year	Total Return†	Net Assets End of Year (in 000's)	Net Investment Income (Loss)	Operating Expenses Before Reimburse-ments	Operating Expenses After Reimburse-ments	Portfolio Turnover Rate
Class AAA															
2016	\$20.43	\$ 0.29	\$(0.79)	\$(0.50)	\$(0.33)	\$(0.03)	\$(0.36)	\$0.00	\$19.57	(2.4)%	\$16,112	1.44%	2.07%	2.07%(c)	9%
2015	21.07	0.00(b)	(0.62)	(0.62)	(0.00)(b)	(0.02)	(0.02)	0.00	20.43	(2.9)	18,762	0.01	2.12	2.12 (d)(e)	15
2014	23.08	0.02	(1.27)	(1.25)	—	(0.76)	(0.76)	—	21.07	(5.5)	22,155	0.10	2.19	2.19	12
2013	21.66	(0.02)	2.62	2.60	—	(1.18)	(1.18)	—	23.08	12.1	25,898	(0.09)	2.24	2.24	13
2012	20.05	0.15	3.32	3.47	(0.19)	(1.67)	(1.86)	0.00	21.66	17.4	26,740	0.68	2.14	2.14	15
Class A															
2016	\$20.81	\$ 0.33	\$(0.84)	\$(0.51)	\$(0.32)	\$(0.03)	\$(0.35)	\$0.00	\$19.95	(2.4)%	\$ 603	1.60%	2.07%	2.07%(c)	9%
2015	21.47	(0.03)	(0.61)	(0.63)	(0.01)	(0.02)	(0.03)	0.00	20.81	(2.9)	761	(0.08)	2.12	2.12 (d)(e)	15
2014	23.50	0.03	(1.30)	(1.27)	—	(0.76)	(0.76)	—	21.47	(5.4)	550	0.12	2.19	2.19	12
2013	22.04	(0.04)	2.68	2.64	—	(1.18)	(1.18)	—	23.50	12.1	775	(0.17)	2.24	2.24	13
2012	20.37	0.11	3.43	3.54	(0.20)	(1.67)	(1.87)	0.00	22.04	17.5	473	0.50	2.14	2.14	15
Class C															
2016	\$18.73	\$ 0.12	\$(0.71)	\$(0.59)	\$(0.16)	\$(0.03)	\$(0.19)	\$0.00	\$17.95	(3.1)%	\$ 226	0.64%	2.82%	2.82%(c)	9%
2015	19.47	(0.16)	(0.56)	(0.72)	(0.00)(b)	(0.02)	(0.02)	0.00	18.73	(3.7)	366	(0.80)	2.87	2.87 (d)(e)	15
2014	21.55	(0.14)	(1.18)	(1.32)	—	(0.76)	(0.76)	—	19.47	(6.2)	487	(0.65)	2.94	2.94	12
2013	20.44	(0.17)	2.46	2.29	—	(1.18)	(1.18)	—	21.55	11.3	442	(0.82)	2.99	2.99	13
2012	19.07	(0.05)	3.20	3.15	(0.11)	(1.67)	(1.78)	0.00	20.44	16.6	435	(0.23)	2.89	2.89	15
Class I															
2016	\$20.69	\$ 0.53	\$(0.82)	\$(0.29)	\$(0.56)	\$(0.03)	\$(0.59)	\$0.00	\$19.81	(1.4)%	\$ 7,183	2.58%	1.82%	1.00%(c)(f)	9%
2015	21.31	0.18	(0.57)	(0.39)	(0.21)	(0.02)	(0.23)	0.00	20.69	(1.9)	7,410	0.83	1.87	1.01 (d)(e)	15
2014	23.20	0.16	(1.29)	(1.13)	—	(0.76)	(0.76)	—	21.31	(4.9)	2,565	0.69	1.94	1.63	12
2013	21.71	0.03	2.64	2.67	—	(1.18)	(1.18)	—	23.20	12.4	2,933	0.13	1.99	1.99	13
2012	20.10	0.17	3.37	3.54	(0.26)	(1.67)	(1.93)	0.00	21.71	17.7	2,267	0.77	1.89	1.89	15

† Total return represents aggregate total return of a hypothetical \$1,000 investment at the beginning of the year and sold at the end of the year including reinvestment of distributions and does not reflect the applicable sales charges.

(a) Per share amounts have been calculated using the average shares outstanding method.

(b) Amount represents less than \$0.005 per share.

(c) During the year ended December 31, 2016, the Fund received a one time reimbursement of custody expenses paid in prior years. Had such reimbursement (allocated by relative net asset values of the Fund's share classes) been included in this period, the annualized expense ratios would have been 0.79% (Class AAA), 0.63% (Class A), 1.61% (Class C), and (0.31)% (Class I).

(d) The Fund received credits from a designated broker who agreed to pay certain Fund operating expenses. Had such payments not been made, the expense ratios for the year ended 2015 would have been 2.11% (Class AAA and Class A), 2.86% (Class C), and 1.01% (Class I), respectively.

(e) The Fund incurred tax expense during the year ended December 31, 2015. If the tax expense had not incurred, the ratios of operating expenses to average net assets would have been 2.11% (Class AAA and Class A), 2.86% (Class C), and 1.00% (Class I), respectively.

(f) Under an expense reimbursement agreement with the Adviser, the Adviser reimbursed certain Class I expenses to the Fund of \$64,752 for the year ended December 31, 2016.

See accompanying notes to financial statements.

GAMCO International Growth Fund, Inc.

Notes to Financial Statements

1. Organization. GAMCO International Growth Fund, Inc. was incorporated on May 25, 1994 in Maryland. The Fund is a diversified open-end management investment company registered under the Investment Company Act of 1940, as amended (the “1940 Act”). The Fund’s primary objective is long term capital appreciation. The Fund commenced investment operations on June 30, 1995.

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 Fund employs a fair value model to adjust prices to reflect events affecting the values of certain portfolio securities, which occur between the close of trading on the principal market for such securities (foreign exchanges

GAMCO International Growth Fund, Inc. Notes to Financial Statements (Continued)

and over-the-counter markets) at the time when net asset values of the Fund are determined. If the Fund's valuation committee believes that a particular event would materially affect net asset value, further adjustment is considered.

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 closing price is adjusted from the local close, therefore, such securities are classified as Level 2 in the fair value hierarchy presented below. 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 Observable Inputs	Other Significant Inputs	
INVESTMENTS IN SECURITIES:				
ASSETS (Market Value):				
Common Stocks(a)	\$23,842,227	—	—	\$23,842,227
U.S. Government Obligations	—	\$329,510	—	329,510
TOTAL INVESTMENTS IN SECURITIES – ASSETS	\$23,842,227	\$329,510	—	\$24,171,737

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

During the year ended December 31, 2016, foreign common stock was transferred from Level 2 to Level 1 due to the application of fair value procedures resulting from volatility in U.S. markets after the close of foreign markets. The beginning of period value of the securities that transferred from Level 2 to Level 1 during the period amounted to \$22,524,956 or 82.51% of net assets as of December 31, 2015. The Fund's policy is to recognize transfers among Levels as of the beginning of the reporting period.

There were no Level 3 investments held at December 31, 2016 or 2015.

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.

GAMCO International Growth Fund, Inc.

Notes to Financial Statements (Continued)

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 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 back testing the prices realized in subsequent trades of these fair valued securities to fair values previously recognized.

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 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.

Securities Transactions and Investment Income. Securities transactions are accounted for on the trade date with realized gain/(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.

GAMCO International Growth Fund, Inc.
Notes to Financial Statements (Continued)

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 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 sales of investments no longer considered passive foreign investment companies. These reclassifications have no impact on the NAV of the Fund. For the year ended December 31, 2016, reclassifications were made to decrease distributions in excess of net investment income by \$10,828 and decrease accumulated net realized gain on investments and foreign currency transactions by \$10,828.

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

	<u>Year Ended</u> <u>December 31, 2016</u>	<u>Year Ended</u> <u>December 31, 2015</u>
Distributions paid from:		
Ordinary income (inclusive of short term capital gains)	\$473,626	\$ 96,450
Net long term capital gains	<u>41,365</u>	<u>3,739</u>
Total distributions paid	<u>\$514,991</u>	<u>\$100,189</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:

Undistributed ordinary income	\$ 3,572
Undistributed long term capital gains	22
Net unrealized appreciation on investments and foreign currency translations	<u>4,397,954</u>
Total	<u>\$4,401,548</u>

The Fund is permitted to carry capital losses forward for an unlimited period. Capital losses that are carried forward will retain their character as either short term or long term capital losses.

GAMCO International Growth Fund, Inc.
Notes to Financial Statements (Continued)

During the year ended December 31, 2016, the Fund utilized capital loss carryforwards of \$437,886.

At December 31, 2016, the temporary differences between book basis and tax basis net unrealized appreciation were primarily due to mark-to-market adjustments on investments in passive foreign investment companies.

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.	\$19,768,547	\$4,875,881	\$(472,691)	\$4,403,190

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 threshold. For the year ended December 31, 2016, the Fund did not incur any income tax, interest, or penalties. 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 reimburse expenses of Class I Shares to the extent necessary to maintain the total operating expenses (excluding brokerage, acquired fund fees and expenses, interest, taxes, and extraordinary expenses) until at least April 30, 2017 at no more than 1.00% of the value of its average daily net assets. For the year ended December 31, 2016, the Adviser reimbursed the Fund in the amount of \$64,752. In addition, the Fund has agreed, during the three year period following any waiver or reimbursement by the Adviser, to repay such amount to the extent, that after giving the effect to the repayment, such adjusted annualized total operating expenses of the Fund would not exceed 1.00% of the value of the Fund’s average daily net assets for Class I. The agreement is renewable annually. At December 31, 2016, the cumulative amount which the Fund may repay the Adviser, subject to the terms above, is \$125,530.

For the year ended December 31, 2014, expiring December 31, 2017	\$ 9,385
For the year ended December 31, 2015, expiring December 31, 2018	51,393
For the year ended December 31, 2016, expiring December 31, 2019	<u>64,752</u>
	<u>\$125,530</u>

The Fund pays each Director who is not considered to be an affiliated person an annual retainer of \$1,000 plus \$500 for each Board meeting attended and they are reimbursed for any out of pocket expenses incurred in attending meetings. All Board committee members receive \$500 per meeting attended. The Chairman of

GAMCO International Growth Fund, Inc.

Notes to Financial Statements (Continued)

the Audit Committee and the Lead Director each receive an annual fee of \$1,000. 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 Fund.

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, 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 \$2,292,155 and \$4,668,018 respectively.

6. Transactions with Affiliates and Other Arrangements. During the year ended December 31, 2016, the Distributor retained a total of \$205 from investors representing commissions (sales charges and underwriting fees) on sales and redemptions of Fund shares.

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. At December 31, 2016, there were no borrowings outstanding under the line of credit.

The average daily amount of borrowings outstanding under the line of credit during the year ended December 31, 2016 was \$17,096, with a weighted average interest rate of 1.19%. The maximum amount borrowed at any time during the year ended was \$467,000.

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.

GAMCO International Growth Fund, Inc.
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	25,751	\$ 525,897	104,906	\$ 2,309,879
Shares issued upon reinvestment of distributions	14,352	278,439	863	17,896
Shares redeemed	<u>(135,569)</u>	<u>(2,738,665)</u>	<u>(238,933)</u>	<u>(5,242,288)</u>
Net decrease	<u>(95,466)</u>	<u>\$(1,934,329)</u>	<u>(133,164)</u>	<u>\$(2,914,513)</u>
Class A				
Shares sold	7,479	\$ 153,209	23,184	\$ 524,927
Shares issued upon reinvestment of distributions	473	9,357	47	993
Shares redeemed	<u>(14,284)</u>	<u>(301,139)</u>	<u>(11,333)</u>	<u>(241,693)</u>
Net increase/(decrease)	<u>(6,332)</u>	<u>\$ (138,573)</u>	<u>11,898</u>	<u>\$ 284,227</u>
Class C				
Shares sold	50	\$ 900	12,951	\$ 269,762
Shares issued upon reinvestment of distributions	135	2,405	18	343
Shares redeemed	<u>(7,156)</u>	<u>(131,060)</u>	<u>(18,443)</u>	<u>(365,964)</u>
Net decrease	<u>(6,971)</u>	<u>\$ (127,755)</u>	<u>(5,474)</u>	<u>\$ (95,859)</u>
Class I				
Shares sold	167,780	\$ 3,303,413	340,020	\$ 7,852,141
Shares issued upon reinvestment of distributions	8,665	170,167	3,759	78,931
Shares redeemed	<u>(171,949)</u>	<u>(3,401,159)</u>	<u>(106,072)</u>	<u>(2,278,024)</u>
Net increase	<u>4,496</u>	<u>\$ 72,421</u>	<u>237,707</u>	<u>\$ 5,653,048</u>

9. 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.

10. 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.

GAMCO International Growth Fund, Inc. Report of Independent Registered Public Accounting Firm

To the Shareholders and Board of Directors of
GAMCO International Growth Fund, Inc.

We have audited the accompanying statement of assets and liabilities, including the schedule of investments, of GAMCO International Growth Fund, Inc. (the “Fund”), 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

GAMCO International Growth Fund, Inc. Additional Fund Information (Unaudited)

The business and affairs of the Fund are managed under the direction of the Fund's Board of Directors. Information pertaining to the Directors and officers of the Fund is set forth below. The Fund'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 GAMCO International Growth Fund, Inc. 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 1994	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)
INDEPENDENT DIRECTORS⁵:				
Anthony J. Colavita Director Age: 81	Since 1994	36	President of the law firm of Anthony J. Colavita, P.C.	—
Werner J. Roeder, MD Director Age: 76	Since 1994	23	Practicing private physician; Former Medical Director of Lawrence Hospital (1999-2014)	—
Anthonie C. van Ekris Director Age: 82	Since 1994	22	Chairman and Chief Executive Officer of BALMAC International, Inc. (global import/export company)	—
Salvatore J. Zizza Director Age: 70	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)

GAMCO International Growth Fund, Inc. 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 2006	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 2013; 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 Fund'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 Fund as defined in the 1940 Act. Mr. Gabelli is considered an "interested person" because of his affiliation with Gabelli Funds, LLC which acts as the Fund's investment adviser.

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.

GAMCO INTERNATIONAL GROWTH FUND, INC.
One Corporate Center
Rye, NY 10580-1422

Portfolio Manager Biography

Caesar M. P. Bryan joined GAMCO Asset Management in 1994. He is a member of the global investment team of Gabelli Funds, LLC and portfolio manager of several funds within the Gabelli/GAMCO Fund Complex. Prior to joining Gabelli, Mr. Bryan was a portfolio manager at Lexington Management. He began his investment career at Samuel Montagu Company, the London based merchant bank. Mr. Bryan graduated from the University of Southampton in England with a Bachelor of Law and is a member of the English Bar.

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 \$0.325, \$0.321, \$0.159, and \$0.562 per share for Class AAA, Class A, Class C, and Class I Shares, respectively, and long term capital gains totaling \$41,365, or the maximum allowable. The distribution of long term capital gains has been designated as a capital gain dividend by the Fund's Board of Directors. 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 0.17% of the ordinary income distribution as qualified interest income pursuant to the Tax Relief, Unemployment Reauthorization, and Job Creation Act of 2010. The Fund designates 0% of the ordinary income distribution as qualified short term gain pursuant to the American Jobs Creation Act of 2004.

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 INTERNATIONAL GROWTH FUND, INC.

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GABELLI.COM

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

BOARD OF DIRECTORS

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Executive Officer,
GAMCO Investors, Inc.
Executive Chairman,
Associated Capital Group Inc.

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Anthony J. Colavita, P.C.

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Former Medical Director,
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Chief Compliance Officer

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G.distributors, LLC

CUSTODIAN, TRANSFER AGENT, AND DIVIDEND DISBURSING AGENT

State Street Bank and Trust
Company

LEGAL COUNSEL

Paul Hastings LLP

This report is submitted for the general information of the shareholders of the GAMCO International Growth Fund, Inc. It is not authorized for distribution to prospective investors unless preceded or accompanied by an effective prospectus.



GABELLI
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GAMCO INTERNATIONAL GROWTH FUND, INC.

Annual Report
December 31, 2016