ROLAND GEORGE I ų N V E S T M E N T S 1997-1998 Annual Report P R O G R A M



Eugene M. and Christine Lynn Business Center From a watercolor by Professor Emeritus Fred L. Messersmith, A.W.S.

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### ACKNOWLEDGEMENT

The Roland George Investments Program was established at Stetson University through a gift made in 1980 by the late Mrs. Sarah George. This innovative program was designed to:

- Honor Mr. Roland George by implementing his belief that students learn best through actual experience in making investment decisions;
- Provide an advanced course in investments to the School of Business Administration;
- Establish two investment funds, one income oriented and the other growth oriented;
- ✤ Generate annual incomes sufficient to:
  - ♦ Maintain the Roland George Distinguished Visiting Professorship of Investments;
  - Maintain the Roland George Merit Scholarship Program designated for outstanding students seeking careers in investments;
  - Purchase resource materials to support the course;
  - ♦ Administer the overall program.

On behalf of all of the program's participants – past, present, and future – we would like to express our appreciation to Mrs. George for making this valuable opportunity possible.

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**ROLAND GEORGE INVESTMENTS PROGRAM** 

### YEAR IN REVIEW

Assets under management in the Roland George Investments Program crossed \$2 million this year. It was only eight years ago that Program assets first exceeded the \$1 million mark. Students in the Roland George Investments Program not only had the advantage of a strong bull market and falling interest rates but their security selection has been excellent. The growth and income portfolio not only exceeded most of the established benchmarks but handily beat the average professional money manager.

Overall, the fund advanced 20.4% before Program expenses. Comprising this performance was a 30.3% increase in the Growth fund and a 10.3% increase in the Income fund. In contrast, Lipper's General Equity Fund average was 25.6% and the Lipper Intermediate Investment Grade Index (fixed-income) was 10.3%.

While the class did not reach their goal of beating the S&P 500 Index by two percent, they turned in a performance that most fund managers could only envy. The S&P 500 Index increased by 30% in the fiscal year ending May 1998 (31.8% with dividends reinvested). The Growth fund lagged this performance slightly since 61% of the fund remained invested in small capitalization stocks. For comparison consider that the Russell 2000 small cap index was up 20.5% in the same time period.

The class decided to lengthen bond maturities this year but the Income portfolio remains primarily in intermediate investment-grade corporate bonds. Difficulty in finding suitable long-term bonds to swap for our shorter term



Merit Scholars - Spring 1998 Left to right: Anthony Freeman, Wendy Pylman, Brandy Slaughter, Dave Doorneweerd, and Todd Fisher Not pictured: Ray Laliberte, YoungCheol An, and Ricardo Fernandez



Merit Scholars - Fall 1997 Left to right: Jim Schwartzel, Ken Hong, Lisa Ogram, Eric Kissel, and Akel Akel Not pictured: Jennifer Lay

securities kept the portfolio's duration shorter than desired. Still, a ten percent return with low risk is an accomplishment of which to be proud.

Aiding in the bond analysis this year was the addition of a Bloomberg market data terminal. Dr. Christopher Ma, this year's visiting George Professor, worked diligently obtaining the Bloomberg terminal along with other data services for investment students to use. Students not only used the Bloomberg terminal for bond and stock analysis but also were able to look at available job openings in the financial markets.

In addition to acquiring new resources for the Program and leading the students in their superb portfolio performance, Professor Ma organized a class trip to Chicago's financial markets during the Spring break. Free markets have a way of rewarding such performance, so Ned Davis Research offered Dr. Ma an employment opportunity that was in his best interest.

Accordingly, we are pleased to announce that Frank Castle, CFA, will be the new visiting Roland and Sarah George Professor for the 1998-1999 academic year. Mr. Castle comes to us from Andover, Massachusetts where he manages Andover Research. At Andover Research, Mr. Castle conducts institutional research, trains investment analysts for institutions, and performs portfolio management. Prior to Andover Research, Mr. Castle worked at Feeley and Willcox and Bank Boston in various roles as an institutional research analyst, pension management, and as a portfolio manager.

We wish to welcome Frank Castle to Stetson University and thank Christopher Ma for the excellent job that he performed with the Roland George Investments Program for the past year.

ANNUAL REPORT 1997-1998

On August 20, 1980, assets with a value of nearly \$500,000 were transferred to Stetson University. This gift fulfilled the dream of Mr. Roland George, who believed students should learn from hands-on experience. His vision allows Stetson University to offer students an opportunity that few other institutions of higher education can – the investment and management of actual dollars.

In honor of her husband, Mrs. Sarah George sought a university that would allow students to manage money under the guidance of successful practitioners. Because Mr. George was annoyed with colleges teaching only theory, the program he envisioned would enable students to manage an actual portfolio. Under the pressure of generating sufficient income to pay program expenses, the students would purchase and sell securities, and monitor the portfolio. Mrs. George stressed that failure, as well as success, should be part of the learning experience, and insisted that students have a major voice in the investment decision-making process.

Mrs. George, along with her brother Robert Wilson and attorney Frank Gaylord, approached Stetson University with her idea. Their contributions, along with those of President Pope Duncan, Dean David Nylen, Dr. H. Douglas Lee, and Professor Kenneth Jackson, developed the Roland George Investments Program.

Mr. Carter Randall, a panelist on PBS television's "Wall Street Week" and an investment consultant, was chosen as the first Distinguished Visiting Professor. He eventually served in that capacity six times. Mr. Randall has been instrumental in guiding the students into the real world of investing with his knowledge and insight. He has also enhanced the Program by attracting prominent investment professionals to Stetson University to teach the students.

Mr. Gerald T. Kennedy served as Distinguished Visiting Professor from 1982 to 1987. He introduced the use of computers to scan stocks meeting criteria selected from student research. The introduction of services such as Value Line and Dow Jones News Retrieval, in conjunction with data sources such as Zack's Icarus Services and the O'Neil Reports, taught students the use of sophisticated research materials.

Mrs. Sarah George passed away in 1988. In her will she left a gift of \$3.6 million to establish the Roland and Sarah George Investments Institute. This Institute provides support for investments education at Stetson, such as symposiums to bring investment professionals and academic theorists together, and helps to provide access to research in investments for the School of Business faculty. The Stetson community greatly appreciates Mrs. George's generosity and vision for investments education.

With the additional endowment provided by the George estate, the Program was enhanced by dividing the class into two semesters. During the

#### ROLAND GEORGE INVESTMENTS PROGRAM VISITING PROFESSORS B. Carter Randall 1981 Gerald T. Kennedy 1982-87 B. Carter Randall 1988-91 Max Zavanelli 1991-94 Ned W. Schmidt, CFA 1994-97 Christopher K. Ma, Ph.D., CFA 1997-1998 DIRECTORS Kenneth L. Jackson 1980-81 G. Michael Boyd, Ph.D. 1982-84 James E. Mallett, Ph.D. 1985-Present

first semester, students focus on the Growth Fund and equity management techniques. The second semester course places emphasis on management of the Income Fund, which comprises bonds and other income generating securities. Although monitoring the entire portfolio is essential throughout the year, this structure enables students to concentrate their efforts in a specific area of investments.

The George endowment has also allowed the Program to have a full-time resident professor with applied experience. Max Zavanelli was selected as the first Roland and Sarah George Professor of Applied Investments. Since then, Ned Schmidt and Christopher Ma have also served as Visiting George Professors. These individuals were selected because they had applied investment experience and the enthusiasm to convey this knowledge effectively in the classroom to the students. Not only have they helped in greatly improving the level of investment experience for students at Stetson University but have aided in developing the Roland and Sarah George Investments Institute into a premier organization for applied investment research and investment education.

Stetson University's Roland George Investments Program is unique in its conception and design. Stetson business students are afforded the opportunity to manage a portfolio, complete with the pressures of possible failure. While many universities offer courses using computer-simulated programs with "play" money, Stetson University students are charged with investing over \$2 million.

Mr. Roland George felt that exposing students to experienced investment managers and allowing them to participate in actual investment decisions were ideal ways to prepare for a career in investments. His dream has become a reality, and the program has met its goals successfully for eighteen years. Richard C. Arellano Associate Fixed Income Research ABN AMRO, Inc. Chicago, IL Spring 1998



Brian R. Bruce President and CEO Bruce Global Management Dallas, TX Fall 1997



Daniel J. Bukowski Senior Vice-President and Director of Quantitative Research Zurich Kemper Investments Chicago, IL Fall 1997



Gerald T. Kennedy President Kennedy Capital Management, Inc. St. Louis, MO Fall 1997



Michael J. Serio, CFA Senior Portfolio Manager Segall Bryant & Hamill Investment Counsel Chicago, IL Fall 1997



John F. Garnish, CFA Principal and Manager of Fixed Income Investments Segall Bryant & Hamill Investment Counsel Chicago, IL Spring 1998

**B. Carter Randall** Investment Advisor The Randall Company Orlando, FL Fall 1997 Spring 1998

Robert H. Stovall, CFA President Stovall/Twenty-Frist Advisors, Inc. New York, NY Spring 1998

George G. Kaufman, Ph.D. John J. Smith, Jr. Professor of Finance and Economics Director, Center for Financial and Policy Studies School of Business Admin. Loyola Univ., Chicago, IL Spring 1998





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Max Zavanelli President Zavanelli Portfolio Research, Inc. Orange City, FL Fall 1997

Annual Report 1997-1998

# GUEST LECTURERS

#### 1997 — 1998

"...a dream fulfilled...students are afforded the opportunity to manage a portfolio, complete with the pressures of possible failure..."

### **PORTFOLIO STRATEGY**

#### GROWTH PORTFOLIO PERFORMANCE

In September 1997, the Roland George Investments Program students examined the yearto-date return of the Growth Portfolio which was 29.1%, compared with 27.7% for the Standard & Poor's 500 and 23.0% for the Russell 2000 (see Table 1). For the fiscal year end 5/31/97, however, the Growth Portfolio return was 2.5%, with 26.8% for S&P 500 and -0.23% for Russell 2000. The sharply different comparison in returns led the Fall 1997 class to examine the source of the return contribution. Since the Growth Portfolio contained mainly small-cap stocks, it was more appropriate to compare its performance with that of Russell 2000. To that end, the George Program students did a good job in stock selection, as shown by the excess returns over Russell 2000 returns. On the other hand, the overwhelmingly low returns of both the Growth Portfolio and the Russell 2000, compared with the S&P 500 return, strongly suggest the importance of picking the correct style for the portfolio at the onset. The difference was striking! More than a 27% return difference between the large-cap and small-cap universes made the contribution of return from superior stock selection. less than 3%, insignificant. We were convinced, therefore, that effort should be devoted to select a proper style for the Growth Portfolio.

Grow	Table 1 vth Portfolio (9/5/97	PERFORMANCE	
Time Period	Growth Portfolio	S&P 500	Russell 2000
Year-to-date	29.09%	27.66%	23.04%
1 Year	30.07%	38.47%	30.61%
Fiscal Year End (5/31/97)	2.50%	26.78%	5.23%

#### **REVISED GROWTH PORTFOLIO STYLE**

As a result, the Fall 1997 class decided to closely look at the stock portfolio to see if they could develop the most appropriate strategy and style for the current economy. Students studied numerous historical trends and other portfolio performances in order to determine what type of equities would perform the best in the present environment. They researched the conditions in which stocks with small capitalization outperform those of large capitalization.

Next, the class identified the conditions when value stocks tend to outperform growth stocks. The following are observed from past experience: lowered growth; market volatility; and interest rates not consistently low. Based on the results of this research and the current status of the economy, they concluded that medium to large- cap, value-blend stocks would dominate the market in the next six months. Therefore, students began readjusting the portfolio accordingly. This adjustment required a set definition of medium to large-cap, value-blend stocks in order to judge student recommendations. In doing so, a 7,000 stock universe was first divided into three groups based on the ranking of a value measure (Price/Book Value ratio). The lowest (top) group is considered value (growth) stocks. Next, the stocks were ranked based on their market capitalization. Using this framework, the students were able to derive the selection criteria for a certain style of the stocks. That is, medium to large-cap, value-blend stocks should conform to the following conditions:

- Price/Earnings Ratio < 25</p>
- Price/Book Value < 3.0</li>
- Price/Cash Flow < 14</li>
- Price/Sales < 3.0</p>
- Market Capitalization > \$500 million

At the beginning of the Fall 1997 semester, the Growth Portfolio consisted mostly of small-cap growth stocks, exactly opposite of the what the students felt would be best. The following diagram displays the allocation of the Growth Portfolio according to the style of each stock with respect to the size and the type. Although much of our portfolio falls within the bottom right box of the style allocation chart, our goal is to be within the top left four boxes.

VALUE	BLEND	Growth	
5%	5%		LARGE CAP
17%	12%		MEDIUM CAP
24%		37%	SMALL CAP

#### SECTOR WEIGHTS AND NUMBER OF STOCKS

Since the overall style approved for the Growth Portfolio is medium to large capitalization value stocks, the benchmark selected for comparison is the S&P 500 index. The Standard and Poor's 500 index is diversified in all sectors of the market. The class' target is to beat the S&P 500 by an annual excess return of 2% with a tracking error of less than 2.5%. While this goal may seem modest, very few funds were able to beat the S&P 500 this year. To reduce tracking error, it was extremely important to select the proper sector weights and the number of stocks for the Growth Portfolio.

Because the main source of tracking error is from the portfolio sector bet (different from the sector weight in the benchmark), the class elected to stay close to the sector allocation of the S&P 500. That is, the sector percentages are divided in roughly the same manner as the S&P 500 index which is composed in this fashion as of September 1997: Utilities 2.7%; Energy 9.4%; Financials 16.1%; Industrials 15.3%; Durables 4.0%; Staples

### **PORTFOLIO STRATEGY**

10.5%; Services 12.2%; Retail 5.2%; Health 10.4%; and Technology 14.1%. In the current Growth Portfolio, the only sectors that deviate largely from the benchmark index are Services, Durables, and Staples.

For practical purpose, the Growth Portfolio is only able to hold approximately twenty-five to thirty stocks for the semester. These stocks are divided into their appropriate sectors. The number of stocks chosen is partly determined by the number that could be followed and watched closely at the same time. Each sector includes two to three stocks, depending on the percentage weight of the particular sector. Twenty-five to thirty stocks are enough to allow full diversification of our portfolio.

Given the criteria dictated by the new goals, each of the twenty-three students in the Fall 1997 class recommended one stock. The trustees approved a total of ten new stocks.

It should be pointed out that during this period, the Growth Portfolio has witnessed and survived the Asian Crisis. In response to events in Asia, our holdings in International Closed-end Funds were reduced.

Table 2 Existing Roland George Income Portfolio (4/30/98)					
Time Period	Return (%)	Merrill Lynch Index (%) (1-10 Year Corporate)			
1997 Year	8.365	8.37			
1998 Year-to-Date	0.45	2.12			

(The portfolio has 10 issues, with an average maturity of 5.65 years and an average duration of 4.75 years. The rating is A and above, and the average investment per bond is 10% of the portfolio, i.e., \$100,000.)

#### INCOME PORTFOLIO PERFORMANCE UPDATE

The Roland George Investments Program class of Spring 1998 focused on the management of the Income Portfolio. As shown in Table 2, the previous Income Portfolio (from the Spring class of 1997) reflects the holdings of a high-grade, short duration, laddered approach. Given a declining interest rate in 1997, it is clear that the 1997 performance of the Income Portfolio, 8.365%, just met with that of the Merrill Lynch one to ten-year Corporate Index (8.37%), while year to date it underperformed the benchmark in 1998 (0.45% vs. 2.12%). Although, it should be noted that the under-performance of the Income Portfolio with its average maturity around 5 years was mainly attributed to the direction of interest rate. The Income Portfolio performance still matched with the performance of a 10-year index. This suggests that the class made up the performance with superior individual bond selection.

#### **REVISED INCOME PORTFOLIO OBJECTIVES**

After reviewing the Income Portfolio, coupled with a current economic and market analysis, the Spring 1998 class decided to revise the objectives of the Income Portfolio (see Table 3). It is the general agreement of the current class that, given a stable economy and stable interest rate levels in the next six to twelve months, it may be worthwhile to increase our tolerance of interest rate risk and credit risk. This new goal is implemented by lengthening the duration of the Income Portfolio as well as lowering slightly the minimum standard of the bond quality. All bonds purchased are still investment grade.

During the Spring semester of 1998, the class of twenty-seven graduate and undergraduate Roland George Investments Program students recommended twelve transactions, using the newly established portfolio goals. Since the Income Portfolio has been fully invested, students had to formulate their recommendations in the format of "bond swap" - that is, buying a new bond to replace an existing bond in the portfolio. Their analysis had to show an obvious additional benefit, in the form of positive profit, of performing the swap.



Bond Ratings BBB or better

PROFILE

### BREAKTHROUGH - The investments program regularly outperforms the S&P 500. INVESTMENTS BREAK \$2,000,000

by Jeff Hamrick, News Editor The Reporter, Stetson University

Dr. Christopher Ma takes the Roland George Investment Program seriously.

Very seriously.

Ma, the visiting professor for the Roland George Investment Program, believes that discipline, hard work, and real-world experience form the basis of a strong education.

His philosophy seems to be working.

Ma teaches FIN 421 and FIN 422, the core courses for the Roland George Investment Program.

The Program recently broke the \$2,000,000 mark, a point which Ma calls "arbitrary" but indicative of the "high quality of work which students produce for this program".

The Program, which invests equally in stocks and bonds, is largely run by students who control a governing board of trustees for the Program.

"Usually each of our twenty or so students are required to recommend one stock or one bond," said Ma. "Three outside faculty members and four student trustees make the final decision as to whether or not we will accept the stock or reject it."

Ma said that the program requires students to work with "real money" and "accept the possibility of failure."

"The market does not wait for anybody," said Ma. "This is difficult material, but it is what our competitors are using."

The Program's recent breakthrough was facilitated by Bloomberg (bond) and Bridge (stock) services, which give the students immediate access to bond and stock information.

"These two systems are the top of the line in information systems for professional money management," said Ma.

All students in the investment program must take a basic investment course, FIN 320, before participating in the actual equity and fixed income portfolio management classes.

"It takes students a little while before they realize that we aren't just a class," said Ma. "We work with real money."

Ma said that the fund usually invests in small cap funds, which means that the program compares its performance to the Russell 1000.

"Students decide what they want their portfolio. It's their decision. The professor doesn't make the decision," said Ma.

Ma said that the board of trustees has faculty members on it simply to "prevent a big mistake" by students.

Ma said that last semester, seventy percent of the students' investment interests outperformed the S&P 500, a feat which Ma called "impressive."

"Most portfolio managers are happy if more than half of their picks outperform the S&P 500," said Ma.

The portfolio currently holds shares in companies like NationsBank and Exxon. This year marks the 17th year of the program.

Ma's position is designed to be temporary to encourage the constant influx of new ideas and new individuals.



TOTAL PORTFOLIO VALUE





#### 1997-1998 Class t: Josh Kingdon, Alan Li, Lisa (

<u>First Row, left to right</u>: Josh Kingdon, Alan Li, Lisa Ogram, Jim Schwartzel, Jennifer Ostrowski, David Doorneweerd. <u>Second Row, left to right</u>: Wendy Pylman, Brandy Slaughter, Eric Kissel, Damon Raque, David Leidel and Peter Schaaf. <u>Third Row, left to right</u>: Dan Davis, Anthony Freeman, Mark McGinty, Jennifer McLaughlin and Dr. Chritopher Ma. <u>Fourth Row, left to right</u>: Matt Hogle, Christopher Theodore, Ken Hong, Todd Fischer and Akel Akel. Appendix A Summary of Eighteen-Year Performance 5/31/98

DATE	Income	Growth	TOTAL
8/20/80	**i	nitial gift**	\$ 481,499
5/31/81	\$ 233,722	\$ 297,354	531,076
5/31/82	337,559	264,303	601,862 <sup>a</sup>
5/31/83	374,161	407,186	781,347
5/31/84	344,588	315,376	659,964
5/31/85	402,196	410,290	812,486
5/31/86	471,512	476,936	948,448
5/31/87	476,248	498,175	974,423
5/31/88	467,783	434,509	902,292
5/31/89	496,747	475,699	972,446
5/31/90	509,761	569,591	1,079,352
5/31/91	579,978	537,431	1,117,409
5/31/92	616,547	562,297	1,178,844
5/31/93	687,708	778,023	1,465,731 <sup>b</sup>
5/31/94	779,942	775,785	1,555,727 b
5/31/95	790,106	749,717	1,539,823 b
5/31/96	792,512	882,426	1,674,938 b
5/31/97	798,163	904,564	1,702,727 b
5/31/98	1,027,786	975,195	2,002,981 <sup>b</sup>

<sup>a</sup> - Includes subsequent gift of \$ 86,792 in February 1982

<sup>b</sup> - Program expenses deducted after the end of the fiscal year

In establishing the Growth and Income funds, the charter establishing the Roland George Investments Fund set an asset allocation of fifty percent to the Growth Fund and fifty percent to the Income Fund. Therefore, funds are periodically transferred between funds to keep that balance.

# PORTFOLIO ASSETS

### Appendix B Growth Fund 5/31/98



Boardroom setting adds to real-world experience of student trustees.



Shares Common S	Name Stocks		Cost		Market
2,500 2,400 200 2,000 1,000	Allied Healthcare Analytical Surveys, Inc. Beckman Coulter, Inc. Biomet, Inc. Cooper Tire & Rubber Company	\$	24,688 12,430 7,771 34,360 21,935	\$	13,125 67,351 11,150 57,750 23,688
400 2,400 1,000 300 500 400	Dillards, Inc Diodes, Inc. Electro Scientific Industries, Inc. Exxon Corporation FDX Corporation First Union Corporation		14,863 14,530 28,060 18,121 32,233 19,871		16,825 19,500 33,500 21,150 32,063 22,100
1,000 300 3,000 1,000 500 500	Gentex Corporation Great Lakes Chemical Hycor Bio-Medical, Inc. IBP, Inc. LVM Moer Hennessy Louis Vuitton Merrill Lynch	Ŷ	10,719 14,784 13,827 23,935 18,670 34,512		36,625 12,000 5,625 19,375 21,188 44,688
600 500 1,400 500 600 300	Micron Technology, Inc. Mirage Resorts, Inc. Nipsco Industries, Inc. NationsBank Corporation Novellus Systems, Inc. Phelps Dodge Corporation		17,821 10,593 31,018 29,348 18,346 19,359		14,138 10,407 37,625 37,750 22,688 18,300
1,800 400 3,000 900	TCA Cable TV, Inc. Toys R Us Trizec Hahn Corporation Westcoast Energy, Inc. TOTAL COMMON STOCKS	\$	41,740 13,596 27,525 21,036 <b>575,69</b> 1	\$	109,688 10,600 64,314 21,038 <b>804,25</b> 1
CLOSED-E	nd International Mutual Funds				
1,874 2,500 2,018	Germany Fund Inc. New South Africa Fund Inc. Swiss Helvetia Fund, Inc. TOTAL CLOSED-END MUTUAL FUNDS	\$	25,821 36,688 41,599 <b>104,108</b>	\$	35,256 41,250 65,208 141,714
Mutual H	Funds				
683	Vanguard Index Value Portfolio Total Open-End Mutual Funds	\$\$	10,954 10 <b>,954</b>	\$_	15,538 15,538
	uity sh Equivalents rowth Fund Assets	\$ \$	690,753 13,692 704,445	\$ \$ \$	961,503 13,692 975,195
	Por the Cr	ODOF	INTERTA (E)	TTO ]	Doopuir

ROLAND GEORGE INVESTMENTS PROGRAM

UNITS CORPORATE	Description Bonds		Cost			Current Yield(%)
50	AT&T 4.375% 5/1/99	\$	45,885	\$	49,341	4.43%
50	IBM 6.375% 6/15/00		48,375		50, <mark>490</mark>	6.31%
40	Rockwell International 8.375% 5/1/99		45,800		42,402	7.90%
100	Walt Disney 6.375% 3/30/01		98 <mark>,56</mark> 1		101,356	6.29%
100	Bell Atlantic 5.875% 2/1/04		93, <mark>510</mark>		99,655	5.90%
100	Hersheys Foods 6.950% 3/1/07		99,385		106,156	6.55%
100	Lehman Brothers 6.625% 2/15/08		102,406		100,738	6.58%
100	NationsBank 6.600% 5/15/10		101,947		101,371	6.51%
100	International Paper 6.875% 11/1/23	-	100,510	-	100,060	6.87%
	Total Corporate Bonds	\$	736,379	\$	751,569	6.39%
MUTUAL FU	JND - FIXED INCOME					
940	Vanguard Short-Term Corporate	\$	10,000	\$	10,179	6.15%
	Total Mutual Funds - Fixed Income	\$	10,000	\$	10,179	6.15%
Total Income Instruments Total Cash Equivalents		\$ \$	746,379 266,038	\$ \$	761,748 266,038	6.39% 5.10%
TOTAL INCO	OME FUND ASSETS	\$	1,012,417	\$ 2	1,027,786	6.05%
TOTAL PORTFOLIO ASSETS			1,716,862	\$2	2 <mark>,002,98</mark> 1	





Professionals, as well as academia and students, comprise board of trustees

# TRANSACTIONS

### Appendix C Sales



Anticipation



Jennifer Lay, Merit Scholar-Fall 1997

•	Units	Description	Sales Price		Net Cost		Profit [Loss]
0	Growth I	Fund					
	1,950 4,000 1,714 1,400 6,000 30 500 2,133 500 4,000 2,900 4,000 0,751 1,780	Analytical Surveys CMI Corporation Chile Fund Gentex Corporation Hycor Bio Medical ICN Pharmaceuticals Lone Star Steakhouse Saloon Malaysia FD Mirage Resorts PSC Skywest Transmedia Network Germany FD Mexico FD	\$ 61,101 18,418 29,148 47,518 12,722 1,494 11,413 16,547 11,236 39,259 72,145 17,197 11 32,617	\$	10,099 18,210 29,159 15,007 27,653 382 10,642 37,306 10,593 43,720 48,483 38,700 10 37,203	\$	51,002 208 (10) 32,511 (14,931) 1,111 771 (20,759) 643 (4,461) 23,663 (21,503) 1 (4,586)
		Total Growth Fund Sales	\$ 370,826	\$	327,167	9	\$ 43,660
•	INCOME F	UND					
•	100	General Motors Acceptance 6.75% 2/7/02	\$ 101,440		99,385		2,055
	100	Loews Corporation 6.75% 12/15/06	99,790		96,260		3,530
0	100	Wal-Mart Stores 5.875% 12/15/05	97,990	-	94,340		3,650
0 0		Total Income Fund Sales	\$ 299,220		289,985		9,235
0	TOTAL PC	prtfolio Sales & Redemptions	\$ 670,046	_	617,152		52,895

### Roland George Investments Program

# TRANSACTIONS

### Appendix C (cont.) Purchases

UNITS	Description Costs		Costs
Growth Fund			
$\begin{array}{c} 200 \\ 400 \\ 300 \\ 500 \\ 400 \\ 500 \\ 500 \\ 500 \\ 500 \\ 700 \\ 500 \\ 400 \\ 900 \\ 38.751 \\ 25.213 \end{array}$	Beckman Instruments Dillards Exxon Federal Express First Union LVM Moer Hennessy Louis Vuitton Lone Star Steakhouse Saloon Merrill Lynch Nipsco Industrials NationsBank Toys R Us Westcoast Energy Germany FD Vanguard Index Value	\$	7,771 $14,863$ $18,121$ $32,233$ $19,871$ $18,670$ $10,642$ $34,512$ $31,018$ $29,348$ $13,596$ $21,036$ $569$ $538$
	Total Growth Fund Purchases	\$	252,788
Income Fund			
100	International Paper 6,785% 11/1/23	\$	100,510
100	Lehman Brothers 6.625% 2/15/08		102,406
100	NationsBank 6.6% 5/15/10		101,947
	Total Income Fund Purchases	\$	304,863
TOTAL PORTFOLIO PU	RCHASES	\$	557,651



Global market - diversification



Hands-on resources for research aide JuJu Kongwaree with corporate style presentation

# STATEMENT OF OPERATIONS

### Appendix D June 1, 1997-May 31, 1998

Dividends					\$	26,
Interest						56,
Expenses:					\$	83,2
Custodial Fees Administrative Expenses	\$	3,787 57,908 °			¢	(1
Net Investment Income:			8		р. \$	61, 21,
Realized Gain [Loss] on Investments:						
Proceeds from Securities Sold	\$	670,046				
Cost of Securities Sold Net Realized Gain [Loss] on Investments		617,152	\$	52,894		
NET DECREASE IN UNREALIZED APPRECIATION ON INVESTMENTS:						
Market Value of Holdings Cost of Holdings	\$	2,002,981 1,716,862				
Unrealized Appreciation-5/31/98 Less Unrealized Appreciation-5/31/97		286,119 78,854				
Increase [Decrease] in Net Unrealized Appreciation			\$	207,265		
NET REALIZED GAIN [LOSS] AND INCREASE [DECR IN NET UNREALIZED APPRECIATION:	EASE]				\$	260
NET INCREASE IN ASSETS RESULTING FROM OPERATIONS:					\$	281.

# PROGRAM LECTURERS

### Appendix E 1994–1998

ALLEN, GARRY	Chief Investment Officer, Signet Trust Company, Richmond, VA. 1992–19 <mark>96.</mark>
ARELLANO, RICHARD C.	Associate, Fixed Income Research, ABN AMRO, Inc., Chicago, IL. 1998.
ARONSON, THEODORE R., CFA, CIC	Founder, Aronson & Partners, Philadelphia, PA. 1997.
BAIN, JOHN S.	Director, Investor Relations, CellStar Corporation, Carrollton, TX; formerly Senior Vice-President and Research Analyst, Raymond James & Associates, St. Petersburg, FL. 1990–1995.
BONDING, KARIN B., CFA	Vice–President, Education Department, Association for Investment Management and Research (AIMR), Charlottesville, VA. 1995.
BRUCE, BRIAN R.	President and CEO, Bruce Global Management, Dallas, TX. 1998.
BUKOWSKI, DANIEL J.	Senior Vice-President and Director of Quantitative Research, Zurich Kemper Investments, Chicago, IL. 1998.
CAZENAVE, MARX L.	President & Chief Executive Officer, Progressive Investment Management Company, San Francisco, CA. 1997.
COLLINS, ELIZABETH D.	Municipal Analyst-Healthcare, Fixed Income Department, Raymond James & Associates, St. Petersburg, FL. 1997.
DUNLAP, ALBERT J.	Chairman and Chief Executive Officer, Scott Paper Company, Philadelphia, PA. 1996.
EVANOUSKAS, EDWARD R.	Senior Vice–President & Director of Fixed Income Research, Raymond James & Associates, St. Petersburg, FL. 1997.
FINN, MARK	President, Delta Financial, Inc. Mr. Finn previously instructed an investments course at the Darden School of Business, University of Virginia. 1986, 1991–1994.
GARNISH, JOHN F., CFA	Principal, Manager of Fixed Income Investments, Segall Bryant & Hamill Investment Counsel, Chicago, IL. 1998.
HARDIN, DAVID R.	Principal, Fixed Income Group, Barrow, Hanley, Mewhinney & Strauss, Inc., Dallas, TX. 1995-1996.
JACKSON, JOHN	President, Old Dominion Asset Management, L.P., Norfolk, VA. 1994.
JANECEK, LAN	Director of Equities, State Board of Administration, Tallahassee, FL. 1993–1997.
JARRIEL, BARBARA	Chief Investment Officer of Fixed Income, State Board of Administration, Tallahassee, FL. 1994–1996.
JAWORSKI, DANIEL R., CFA	Formerly Senior Vice-President, STI Capital Management, Orlando, FL. 1997.
KAUFMAN, GEORGE G., Ph.D.	John J. Smith, Jr. Professor of Finance and Economics, Director, Center for Financial and Policy Studies, School of Business Administration, Loyola University, Chicago, IL. 1998.

# PROGRAM LECTURERS

Appendix E (cont.) 1994–1998

KENNEDY, GERALD T.	President, Kennedy Capital Management, Inc., Investment advisory firm ranked among the top quartile of investment advisors by S.E.I. Funds with more than \$1.6 billion under management; 1982–1987 Roland George Distinguished Visiting Professor of Investments. 1982–1998.
KENT, CYNTHIA S.	Advocacy Administrator, Association for Investment Management and Research (AIMR), Charlottesville, VA. 1995.
MACH, MICHAEL R., CFA	Senior Research Analyst, Fundamental Research, Piper Jaffray, Minneapolis, MN; formerly Senior Vice-President, Portfolio Advisor, Putnam Investments Management, Boston, MA. 1997.
McEVILLY, STEVEN T.	Director, Active Trader Enterprise, Charles Schwab and Company, Inc., Orlando, FL. 1996.
McGOVERN, CAROLYN P.	Administrative Consultant, Wyatt Preferred Choice, L.L.C., Jacksonville, FL. 1996.
MILLER, GARY, CFA	Senior Vice-President and Chief Investment Officer, ADAM Investment Services, Inc., Atlanta, GA. 1996.
PERNY, ELLIOTT	Senior Executive Vice-President, STI Capital Management, N.A., Orlando, FL. 1988, 1995.
PURDUE, STARR H.	Manager, Trust Investments, Florida Power Corporation, St. Petersburg, FL. 1996.
RANDALL, B. CARTER	Investment Advisor, The Randall Company; 1981, 1988–91 Roland George Distinguished Visiting Professor of Investments; Panelist on PBS television's "Wall Street Week"; former Senior Vice-President, Sun Banks of Florida, Inc. 1981, 1982, 1984–1998.
SCHUMACHER, ROBERT	Vice-President, First Capital Group, FirstUnion National Bank, Jacksonville, FL. 1990–1998.
SERIO, MICHAEL J., CFA	Senior Portfolio Manager, Segall Bryant & Hamill Investment Counsel, Chicago, IL. 1998.
STANLEY, JEFFREY A.	International Operations, American Bond Partners International, Orlando, FL. Stetson graduate (BBA 1990). 1995.
STOVALL, ROBERT, CFA	President of Stovall Twenty-First Advisors, Inc.; CPA; panelist on PBS television's "Wall Street Week"; and, columnist for <u>Financial World</u> magazine. 1989–1998.
VICTOR, JON	President, Security Capital Management, Inc., Stamford, CT. 1994.
WATSON, JR., WILLIAM A.	President, Watson Realty Corporation, Jacksonville, FL. Stetson graduate (BBA 1959). 1995.
ZAVANELLI, MAX	President, Zavanelli Portfolio Research, Inc.; 1991–1994 Roland and Sarah George Visiting Professor of Applied Investments. 1983–1986, 1991–1998.
ZIPPER, PETER	Vice-President, Anglo Irish Bank (Austria), Vienna, Austria. 1995.

Roland George Investments Program

