

NEW YORK CITY TEACHERS' RETIREMENT SYSTEM
INVESTMENT MEETING
held on Thursday, January 9, 2014
at
55 Water Street
New York, New York

ATTENDEES:

MELVYN AARONSON, Chairperson, Trustee
SANDRA MARCH, Trustee
MONA ROMAIN, Trustee
SCOTT STRINGER, Comptroller, Trustee
THADDEUS McTIGUE, Trustee, Comptroller's Office
SUSANNAH VICKERS, Trustee, Comptroller's Office
CHARLOTTE BEYER, Trustee, Finance
JUSTIN HOLT, Trustee, Finance
JANICE EMERY, Trustee, Finance
PATRICIA REILLY, Executive Director, TRS
SUSAN STANG, TRS
MARTIN GANTZ, Comptroller's Office
JOEL GILLER, TRS
PAUL RAUCCI, TRS
SEEMA HINGORANI, Comptroller's Office
DAVID JETER, Comptroller's Office
TATYANA POHOTSKY, Comptroller's Office
MARC KATZ, TRS
ROBERT C. NORTH, JR., Actuary
CHRIS LYON, Rocaton
ROBIN PELLISH, Rocaton
MICHAEL FULVIO, Rocaton
ROBERTA UFFORD, Broome Law Group
RENEE PEARCE

P R O C E E D I N G S

(Time noted: 10:00 a.m.)

CHAIRPERSON AARONSON: Ms. Reilly?

MS. REILLY: Good morning. Welcome to the
January 9, 2014, investment meeting of the Teachers'
Retirement Board of the City of New York.

I will start by calling the roll.

Melvin Aaronson?

CHAIRPERSON AARONSON: Here.

MS. REILLY: Justin Holt?

MR. HOLT: Here.

MS. REILLY: Charlotte Beyer?

MS. BEYER: Here.

MS. REILLY: Sandra March?

MS. MARCH: Present.

MS. REILLY: Mona Romain?

MS. ROMAIN: Present.

MS. REILLY: Joseph Lewis?

(No response.)

MS. REILLY: Scott Stringer?

MR. STRINGER: Here.

MS. REILLY: I'll turn it over to the Chair.

CHAIRPERSON AARONSON: Thank you very much
and welcome to 2014. Happy New Year to everybody that
is here.

1 We have the Comptroller of the City of New
2 York here today, and I just want to remind him that as
3 the rookie member of the board you have to go through
4 the hazing process, and I will let you know about what
5 that process is after.

6 (Laughter.)

7 MR. STRINGER: Fair enough.

8 CHAIRPERSON AARONSON: Thank you for being
9 here and attending this meeting. Would you like to
10 introduce yourself and your ideas about --

11 MR. STRINGER: Sure. I just wanted to come
12 by today to introduce myself directly to you, to just
13 say how excited I am to work with all of you. Some of
14 you I have known for quite some time and I appreciate
15 your advice and your view of how to protect the
16 retirement security for the people that you represent,
17 and to grow this fund in the most responsible way.

18 What I am trying to do, as a new
19 Comptroller, is to build capacity in our office so that
20 we can meet these economic challenges both as fiduciary
21 of the pension fund, and also as the chief fiscal
22 officer of the City. It's a responsibility that I take
23 enormous pride in, but I understand that the stakes are
24 very high.

25 I just wanted to let you know that I'm here

1 to talk to people directly. In terms of some issues in
2 our office, I just want to announce to you that Seema is
3 going to stay on for at least six more months so that we
4 have a smooth transition. I must tell you that we have
5 transitioned and have worked very closely together with
6 our new staff and Seema, and I want to say thank you to
7 you. You really care about this work and you care about
8 the role we play in the Comptroller's Office as
9 fiduciary. I said to her: Just grow this fund as best
10 you can with all of you.

11 I also went to announce that Thad, who I
12 know has played an important role on this board as well
13 as other boards, is going to be leaving. He is taking a
14 pay cut --

15 (Laughter.)

16 No. He is going to be leaving the
17 Comptroller's Office to do even greater things; and
18 while I think that's a loss for the Comptroller's
19 Office, I do want to thank him for his guidance and his
20 passion for making sure that we have a seamless
21 transition. I want to thank you very much.

22 The person who will be replacing Thad in our
23 office is Susannah Vickers, who is here. Susannah has
24 been with me as long as I have been in government, both
25 my days in the State Assembly as our Director of Capital

1 Funding in the Borough President's office, and now in
2 the Comptroller's Office.

3 I want you to know that she is smart, she is
4 tough, she is open to listen, and she is the best person
5 I can think of to give to this board somebody who knows
6 me, knows my thinking, and someone I trust completely.
7 So you are really getting somebody in the Thad tradition
8 that you are really going to enjoy working with, and I
9 am very proud to say that she has decided to come here
10 and do this work.

11 That's really what I wanted to come by and
12 say to all of you. Again, my door is open. I really
13 want to work collaboratively. This is a collective,
14 that's what a board is all about.

15 I do want to thank the reps, Mel, Sandra and
16 Mona; they care so much about this work and they have
17 been great to our office in terms of helping us
18 understand the nuances of investing and the strategy
19 around expanding the pension fund. So I just want to
20 say to the three of you that I am looking forward to
21 working with you in the years ahead.

22 That being said, I recommend getting on with
23 the agenda, and I'm going to go back to the office and
24 continue with our transition. So thank you all very
25 much, it's great to see all of you.

1 CHAIRPERSON AARONSON: Thank you.

2 MS. MARCH: Thank you very much.

3 (Whereupon, Comptroller Stringer left the
4 room.)

5 MS. MARCH: Mr. Chairman, I would like to
6 ask a question: This is a new year. We have a new
7 administration, and we have new designated trustees and
8 of course everybody is aware of the fact that the three
9 employee trustees are here as a result of an election,
10 so we are here until we are unelected.

11 My question is really very simple: Since we
12 are in a new administration and a new time, I would just
13 like to know if all of the designated trustees who are
14 representing people on this board, if you have your
15 letters of designation, if we have received the letters
16 of designation at the Teachers' Retirement System?

17 CHAIRPERSON AARONSON: Patricia, have you?

18 MS. REILLY: I have received Thad's and the
19 Comptroller's Office designations, at this point.

20 CHAIRPERSON AARONSON: Okay.

21 MS. BEYER: My designation should be
22 forthcoming sometime this morning.

23 MR. HOLT: I believe the same with mine.

24 MS. EMERY: It should have been sent over.
25 I have a copy of it if anybody needs it.

1 MS. MARCH: Could you please give the copy
2 to Mr. Giller, it would be appreciated.

3 MS. EMERY: I apologize for that, but I have
4 it right here and I can pass it around.

5 MS. MARCH: No, we don't have to see it.
6 You don't have to pass it around. Could you please just
7 give it to Mr. Giller, who will make a copy of it, and
8 you can have your original back.

9 CHAIRPERSON AARONSON: So we will gather
10 those as we go along.

11 MS. MARCH: I assume, Justin, that you are
12 on the designation that Janice is presently giving?

13 MR. HOLT: That's correct.

14 MS. MARCH: Okay, good. We have resolved
15 all of the questions that I have, then.

16 Sorry, Mr. Chair, we can proceed.

17 CHAIRPERSON AARONSON: Okay. What we will
18 do is, we will start this meeting with the public
19 session on the QPP plan, and Seema, would you do that,
20 please?

21 MS. HINGORANI: Sure, absolutely. Thanks,
22 Mel.

23 Everyone should have the color monthly
24 performance review book. Just before we start, I want
25 to say that most of the pages are here. We are still

1 transitioning from Bank of New York to State Street.
2 We're getting all the numbers in order; we are getting
3 all the pages in order. We will have a full set of
4 slides for you shortly after this meeting, but what we
5 have today will get us through the key points, in any
6 case, that we want to cover.

7 With that, I figure we will skip over the
8 economic slides, given that we have BlackRock out in the
9 meeting area. They will come in and talk to us about
10 their outlook for 2014 and what happened in 2013 and
11 then beyond.

12 If you would then turn to page 27 in this
13 booklet, these are the November numbers. We are going
14 back a ways here, we are in January. We will quickly go
15 through November; it was a good month. I will highlight
16 some of the numbers for you.

17 So the Russell 3000 was up 2.9 percent; the
18 EAFE markets were up about 80 basis points; emerging
19 markets were down about 1-and-a-half percent; the Core+5
20 was down about 60 basis points; high yield was up about
21 30 basis points; and TIPS were down about 1.2 percent.

22 The next page, 28, is December, and again,
23 another good month, even with all the rockiness and the
24 ups and downs, given what the Fed may or may not have
25 done. So the Russell 3000 is up 2.6 percent; EAFE, up

1 1-and-a-half percent; emerging markets, down about 1.4
2 percent; Core+5, down about 60 basis points; high yield,
3 up about 46 basis points; and TIPS, down 1-and-a-half
4 percent.

5 So, if you then turn to page 29, let's talk
6 about a couple of numbers here. I know there are a lot
7 of numbers on the page, but basically for November, the
8 Teachers' Pension Fund was up nearly 80 basis points.
9 The fiscal year-to-date number through November is up
10 about 9 percent, a very strong number; if you add in
11 what we just went through with December, which is again
12 about another percent or so, the Teachers' Pension Fund
13 is up over 10 percent for the fiscal year-to-date, which
14 is, again, very strong.

15 I can tell you that as of 12/31/13, the
16 assets under management for Teachers is 54.3 billion
17 dollars, so a very, very good number.

18 If you then turn to page 30, which is the
19 next page, again, going back to November, this is a
20 contribution to return and, again, like we just talked
21 about, the one month being up about 80 basis points, the
22 fiscal year to date return about 9 percent, and that
23 gets you, if you add in December, up to over 10 percent.

24 And then, on page 32, basically how we're
25 set up, our asset allocation at the end of November, you

1 might remember that through November and then into a
2 little bit in December, but mostly through November, we
3 were taking advantage of the strong equity markets in
4 that we were above the range that you can see in the
5 green bar to the left, and we were a little bit below
6 the range in the blue, which is Core+5. So, we sold
7 down some U.S. Equities and we reallocated that money
8 into Core+5, but within the investment-grade credit
9 area.

10 So now we are within balance, and we think
11 that worked out well for us, doing that rebalance at the
12 time that we did.

13 So, the next few pages are just some details
14 around the asset allocation and cash flows and private
15 equity and real estate. If there aren't any questions,
16 that's it for us.

17 MR. McTIGUE: The speaker from BlackRock
18 will be next?

19 (Discussion off the record.)

20 MS. HINGORANI: Martin, can you get the
21 BlackRock books?

22 So here from BlackRock we have Obie, who you
23 know well, and James Keenan and Kristen Dickey. James
24 Keenan is a managing director on the credit side, and
25 Kristen is a managing director on the equity side.

1 (Discussion off the record.)

2 (The BlackRock people entered the room.)

3 MR. McKENZIE: Good morning. Thank you for
4 having us here to give you BlackRock's economic overview
5 for 2014.

6 The burning question on all of our clients'
7 minds is: What do we do with our money? We are here to
8 talk to you about some of the issues and, hopefully,
9 leave you with some information to help the process in
10 deciding what to do with your money.

11 With me, to my right, is Jim Keenan who is a
12 managing director at BlackRock and runs a 300 billion
13 dollar business for us across high-yield investment
14 grade credit, et cetera, but he is responsible for a lot
15 of our assets.

16 To my left is Kristen Dickey, who is also a
17 managing director of the firm, who has run our fig
18 group. She has also been a spokesman at the right hand
19 of Larry Fink in the investor relation's business and
20 does a lot of interface with some of our large clients
21 about what is going on in BlackRock.

22 Jimmy is going to handle the macroeconomic
23 overview, the fixed-income side of our discussion.
24 Kristen is probably going to spend more time with
25 equities and how we see things. So we're going to touch

1 on a lot of things: How the politics of Washington
2 impact what we ought to do with our money, and are we
3 looking at a growth market in 2014? Is it earnings or
4 momentum driven? What is going to happen in China?
5 What is going to happen in Japan?

6 So please feel free to interrupt us at any
7 point in our presentation. We would like to engage you
8 in conversation around these issues. Twice a year we
9 get a hundred of our best investment minds together from
10 around the world to discuss these issues and have a very
11 healthy debate. There's some agreement and some
12 disagreement in the room, as you would expect from very
13 bright, intelligent, aggressive professionals. This
14 document that you have is an outgrowth of our most
15 recent investment -- BlackRock Investment Institute
16 Outing, where there were 100 investment professionals.

17 We have 11,000 employees at BlackRock. A
18 little less than a thousand are managing directors, and
19 the best of those minds come together to debate and
20 discuss the issues of the day.

21 So with that, Jimmy just got off Bloomberg
22 this morning, so he has been peppered already, so he is
23 primed to be peppered with your questions.

24 CHAIRPERSON AARONSON: Obie, there's no
25 other brand that you can use for getting your --

1 (Laughter.)

2 Before you start, tell me, I know you guys
3 have a trillion dollars under management?

4 MR. McKENZIE: We have 4 trillion dollars
5 under management.

6 CHAIRPERSON AARONSON: 4 trillion.

7 MR. McKENZIE: We are the largest in the
8 world.

9 CHAIRPERSON AARONSON: And most of that is
10 DC money?

11 MR. McKENZIE: Oh, no, no.

12 CHAIRPERSON AARONSON: Or most of that is DB
13 or most of that is unrelated --

14 MR. McKENZIE: There is really no sector of
15 the market that we don't touch. We have two businesses:
16 One is the asset management business, where we have 4
17 trillion dollars. A trillion over -- of that is beta
18 business, then -- business; then, the rest of it is
19 alpha business and either multi-strat or long strategies
20 of various and sundry types to include every bucket in
21 fixed income, equity, multi-strat alternatives, et
22 cetera. There is no financial bucket that we don't
23 touch on that side of the business.

24 On the other side of the business, which is
25 our risk-management business, we manage over -- there's

1 14 trillion dollars on that particular platform, so we
2 risk manage for our clients, as well as for our
3 competitors, and we are proud to say that we have
4 probably one of the finest and best-respected risk
5 platforms in the world.

6 CHAIRPERSON AARONSON: My concern is the
7 amount of money you manage for DC clients, and the
8 amount of money you manage for --

9 MR. MCKENZIE: -- DB clients.

10 MS. DICKEY: If you take the 4 trillion
11 dollars -- 66 percent of our assets are what we call
12 institutional money, so the balance of that is for
13 individuals and retail, mutual funds, closed-end funds
14 and things like that. So if you take the 4 trillion
15 dollars, two-thirds, they call it, is institutional.
16 Then, within the institutional space there's a handful
17 of buckets, one of them is defined benefit and that's
18 defined benefit globally. Remember, this is money
19 throughout the world, so it's pension plans globally.

20 Another bucket is defined-contribution
21 plants, which also fall within the pension bucket.
22 Then, there is a smattering, and that smattering
23 includes things like managing money for large insurance
24 companies and banks who have captive assets or managing
25 money outside of the United States for large central

1 banks or official institutions; managing money for
2 people, you know, big government agencies that don't
3 fall necessarily into a defined benefit or a defined
4 contribution type of framework.

5 So our institutional money has definitely
6 got a very large focus on managing retirement, whether
7 it's in a defined benefit or a savings-type vehicle for
8 defined contributions, but we also clearly have a lot of
9 presence in other types of institutional money.

10 CHAIRPERSON AARONSON: I'll try to get the
11 answer. How much money do you have --

12 MS. DICKEY: -- in defined benefits?

13 Why don't we get back to the actual dollars.

14 MS. MARCH: That would be great.

15 CHAIRPERSON AARONSON: Take out all your
16 other -- out of the 4 trillion dollars, take out
17 everything else and compare that to how much you have in
18 defined contributions.

19 MR. McKENZIE: That's DC business; we will
20 come back to you on that.

21 MS. DICKEY: Not a problem.

22 CHAIRPERSON AARONSON: I have one other
23 question. I don't know if I saw it in passing, reading
24 it in the newspaper or hearing it on the radio, but just
25 recently, maybe within the last day or so, you guys have

1 come out with some change in policy of some kind?

2 MR. McKENZIE: Yes.

3 CHAIRPERSON AARONSON: Could you go into
4 that?

5 MR. McKENZIE: Do you want to talk about
6 that?

7 MS. DICKEY: Sure.

8 MR. McKENZIE: Over the years, Wall Street
9 seeks to get information because the velocity of
10 information impacts the investment decisions that are
11 made in various portfolios. Most of you have heard of
12 First Call for the last 30 years, where essentially
13 analysts are digging around and talking to portfolio
14 managers as early as possible about earnings
15 expectations for various companies. Well, needless to
16 say, Wall Street has been under fire with inside-
17 information issues and how fast that information gets to
18 financial institutions that control a lot of money.

19 You will see on the front page of the
20 business section today that we decided to -- we had our
21 own version of First Call because we are always talking
22 to analysts. We decided not to do that anymore because
23 of the challenges, regulatory challenges around who gets
24 information first and whether or not that is fair to the
25 overall public. Should we have the information before

1 an individual has the information to make a decision
2 about a stock or another investment or not? We decided
3 to level the playing field. We are not asking anymore
4 for early information.

5 So it is all about the velocity of
6 investment information to people making decisions about
7 moving money. When do you get it? Should a large
8 institution be advantaged because they have a lot of
9 money and have a large infrastructure over and above an
10 individual? The answer is no, and for that reason we
11 have come out on the side of not asking for the
12 information at all.

13 CHAIRPERSON AARONSON: If all of your
14 competition is using that and they are getting
15 information faster than you are, is that going to affect
16 their clients?

17 MR. McKENZIE: We will see what the end will
18 be, but it is a question -- regulation on Wall Street is
19 a question that's being asked of all large financial
20 institutions, and when you are as big and as visible as
21 BlackRock, we are always under the microscope for how we
22 operate. So, with us taking the lead on not using early
23 information to manage our portfolios because the timing
24 of information affects investment returns, I'm sure
25 others will likely follow or they are certainly going to

1 be challenged by the issue.

2 MS. MARCH: Could I just do a follow-up to
3 Mel's question?

4 When you let him know the amount of assets,
5 could you please let him know what the percentage of
6 your total assets are, in terms of how much is actually
7 being managed in the defined benefit plan as a
8 percentage of your --

9 MS. DICKEY: We will give you dollars as
10 well as percent, so you guys can have both numerators
11 and denominators.

12 MS. MARCH: Good.

13 MS. DICKEY: And we will also split it out
14 so you know what is domestic versus what is not U.S.

15 MS. MARCH: Very good.

16 MS. DICKEY: Because defined benefit in the
17 U.S. means a very specific thing, but it is not exactly
18 the same in the U.K. or in Hong Kong or things like
19 that.

20 MS. MARCH: Yes.

21 MS. DICKEY: So we will make sure that you
22 have a real sense of what is U.S.-defined money and how
23 that is all done. No problem.

24 MR. McKENZIE: I will say to you that
25 strategically the defined-contribution business is a

1 strategic business for BlackRock. Everybody is asking:
2 How am I going to retire? What happens to me when my
3 life exceeds my money? And so we have a major strategic
4 focus at BlackRock on helping people to answer the
5 questions. So it is expected to be a growth business.

6 CHAIRPERSON AARONSON: Does that mean that
7 BlackRock is going to put out a paper saying defined
8 benefit plans are superior to --

9 MS. MARCH: I knew that was coming.

10 MR. McKENZIE: I knew that was coming.

11 (Laughter.)

12 MR. McKENZIE: I knew that was coming. I
13 was trying to dance around the bullet.

14 No, we are not going to do that and as a
15 large institution, the largest in the world, you can
16 readily appreciate that we can't say that one is better
17 than the other because we serve both masters. That is
18 just the truth. You can never expect BlackRock to say
19 one is better than the other.

20 We will give you the advantages and
21 disadvantages of both and it depends on who you are
22 talking to.

23 MS. MARCH: Well, neutrality is all right.
24 It assumes that we don't have partiality. I personally
25 do not have a problem with neutrality. I do have a

1 problem with partiality.

2 MR. McKENZIE: Right. We're neutral. Our
3 partiality is to our clients' needs, so we are partial
4 to what you want. We handle your assets. We operate
5 under an investment management agreement with you, with
6 philosophies that drive how we do things. So we are
7 partial -- neutral as to the political issue, partial as
8 to your needs and your requirements for what we do.

9 MS. MARCH: Now that you mentioned the word
10 "political," I will say to you that if everyone were
11 neutral, there's no doubt in my mind that there would be
12 a greater towards a DV than a DC. It is the lack of
13 neutrality.

14 CHAIRPERSON AARONSON: Anybody else have
15 anything before we start?

16 (No response.)

17 Where do we start?

18 (Laughter.)

19 MR. KEENAN: I appreciate the opportunity to
20 speak with you all and also thank you for everything you
21 do. My sisters are teachers in Brooklyn and Queens, so
22 I am biased.

23 (Laughter.)

24 As Obie mentioned, the questions that we get
25 every year as managers is working with our clients who

1 say: What do we do with our money? How do we invest?
2 I think I will try to highlight some differences between
3 what the economic picture is and what the policy picture
4 is, and then how you want to think about it that way,
5 and what does that mean for actual asset prices, and you
6 have to think about your own asset-allocation scheme .

7 We sat down a couple of months ago with this
8 BlackRock Institute, which brings together investors
9 from around the world, all different asset classes. We
10 spent a couple of days debating the world, trying to
11 come up with outcomes for 2014 and beyond projections.
12 I tell you, our big base case scenarios that we call
13 "lower for longer," and I will come back to that, but
14 you are in an environment with a low but stable growth
15 profile.

16 We do think that there are relative in 2014,
17 more than the last couple of years, there's more
18 potential for the growth upside, where you are actually
19 going to see an upside increase and expectations for
20 growth. I will come back to that.

21 There is still a case, you know, the world
22 still deals with this debt burden from the last 30 years
23 and the central bank response to the financial crisis of
24 a policy mistake, in which case you start to see
25 imbalances over and more of a buyer's scenario, but we

1 still think that is a smaller mitigant, probably about a
2 20 percent scenario.

3 So, within that, you know, why do we think
4 that is our base-case scenario? We talked about the
5 last 30 years and how we got to this problem. There was
6 an enormous amount of debt put on the global economy.
7 It varied on the types of debt, just depending on the
8 region you were in. In Japan, it was largely on the
9 government side. In the European system, it was in the
10 banking system. In the United States it was largely on
11 the household side.

12 The last five years have been a transfer of
13 where that debt has really moved to, and as you went
14 through financial crisis and that deleveraging, there
15 was a real risk of deflation. In that scenario, you can
16 really deleverage quickly through defaults. The problem
17 is when you have so much leverage in the system, one
18 man's debt is another man's assets, and when you wipe
19 out debt, you wipe out -- in the system and that
20 presents a real risk.

21 The response to that has been this
22 significant policy response, all through central banking
23 systems. Now, fiscal, as you increase your government
24 balance sheets, have now started to have to pull back on
25 that. You are left with an environment where the

1 monetary policy is still very accommodating, right?
2 Therein lies what do you do with your fixed income.
3 When you have zero-interest-rate policy and you still
4 have a lot of labor slack, you have visibility into zero
5 interest rates for still another several years.

6 What does that mean for asset pricing? When
7 I look at today's world, I think 2014 is different than
8 what we have seen in the last five years. There's still
9 a lot of debt. There's still a lot of debt on
10 government balance sheets and that's the headwinds of
11 growth. The central banks are starting to remove some
12 of its extraordinary measures, what I call emergency
13 measures of central bank response. So the United States
14 Fed is going through this taper, and so it reduces
15 quantitative easing policy. The People's Bank of China
16 is starting to tighten up to prevent a real credit risk
17 in the future. The ECB is still pretty accommodating
18 but the Bank of England is starting to reduce some of
19 its policy. So the world is starting to move away from
20 the emergency measures associated with that and that's
21 fine, but why that is happening is because the tail risk
22 has been reduced.

23 Everything that we have been worried about
24 over the last five years, because of what I will call
25 the mismatched liquidity, there's been these bouts of

1 inflation/deflation, growth/recession, and that has led
2 us investors to think about how do you price assets? Do
3 you want to own equities in 2010 when you're worried
4 about the European banking system collapsing and you
5 might lose 50 percent in six month?

6 Therefore, how that really translated into
7 how do you buy that deflation premium, on one hand you
8 might have just owned cash. Even though you are getting
9 zero or negative real return, you might have owned cash.
10 You might have bought ten-year Treasuries at 1.6 percent
11 because you were still fearful of that deflation
12 scenario, or you were only willing to pay 13 to 14 times
13 for equity multiples, right?

14 What we have seen over the last 18 month is,
15 the realization is that this central bank policy, that
16 it has moved a lot of the liquidity fears and risk out
17 of the banking system in Europe -- or out of the banking
18 system in Europe, out of the households in the United
19 States and into something that is much more stable,
20 still leveraged but has long-term meaning. The United
21 States Government has the ability to stand up, even
22 though it's at a very high debt burden right now, to
23 say, "I have a 15-year plan." Lehman Brothers did not
24 have that option, right?

25 So the liquidity paradigm and the risk for a

1 consumer or how an investor thinks about the world has
2 changed. All right? So these are things that you start
3 to reduce that downside risk and you think about
4 investing. You think about asset price and things. So
5 if you thought about 2013, what has happened was the
6 U.S. ten year has gone from 1.6 percent up to 3 percent.
7 Now, the equity market, you saw some marginal increase
8 in cash-flow growth in EDS, but you really saw three
9 terms of multiple expansion, and I look at that and
10 really say: That was a repricing of that deflationary
11 premium. As you start to reduce that risk, the
12 willingness to bet on next year's growth is back in the
13 market, so the multiple expansion is because of that.

14 The beta cheapness, it's not really cheap
15 anymore, but it is not rich. We have moved to levels
16 where you have to see the economy start to improve, but
17 the deflation risk is gone. The yield curve has
18 steepened, the equity markets have risen and the
19 multiples are fair value.

20 Now you are in an environment where I do
21 think you will see marginal growth in the U.S.,
22 2-and-a-half to 3 percent. You see the European zone,
23 where they start to see break-even become positive
24 growth associated with that. Japan is going through a
25 central-bank policy to really stimulate inflation and

1 growth and a change in psychology.

2 These are things that I think now, I'm going
3 to give you a scenario that I still think equities are
4 the most attractive place on a total return perspective
5 to be, because the dispersion of returns that you saw in
6 2013 are going to be tighter, right?

7 There's still potential, why we think
8 there's a potential upside in equity, you can still see
9 more margin for multiple expansion as we have seen
10 through these cycles in the past, that people get very
11 optimistic and they get bullish and multiples can really
12 grow.

13 So we still like the equity market; as a
14 whole, it's a total return, and I think the U.S. market,
15 10 to 15 percent, and I think Europe and Japan, because
16 of kind of being a lag behind what the U.S. has done,
17 has potential to make more upside because there is a
18 bigger multiple difference between U.S. equities and
19 what you see globally.

20 In the fixed-income space, I do think that
21 you are going to continue to see the yield curve
22 steepen, and that is based off of the same reason that
23 you'll see multiple expansion. It is not only that you
24 are seeing growth, but it is the optimism on future
25 growth. All right? The yield curve is still based on

1 what is your real-growth expectations and your inflation
2 expectations and return premiums associated with that.
3 So I think you will see the yield curve continue to
4 steepen, and then I think, as you start to think about
5 over the next 12 months, how you think about your asset
6 allocations, is some of the things that we have been
7 fearful of, because really, the yield curve steepening
8 may grow long duration in investment-grade credit, long
9 duration in government bonds, municipality debt; these
10 things will start to add a more attractive, relative
11 value, risk-return profile as you go towards 2015, and
12 as people shied away from duration, duration will then
13 be an attractive way to add income, diversification, and
14 also a hedging on your portfolio, because at that level,
15 if you do start to see price volatility or economic
16 risk, duration risk and high-quality fixed income will
17 add a buffer to your portfolio.

18 So, to step into the United States economy
19 for a second: Some of the central bank's policy that
20 has gone on, we talked about the U.S. households, when
21 you went back to the 1980's, that had a 15 percent
22 savings rate, and we went into 2007 and we had 300
23 million people with a negative savings rate and we were
24 spending more money than we earned. The leverage was in
25 the system, right, and as that started to collapse,

1 there was a very big burden and the uncertainty started
2 to essentially really grow, with consumption really slow
3 and savings rates start to explode.

4 Today, when you look at this policy and
5 where we've gotten, incomes haven't really come back;
6 jobs haven't really come back in any significant way
7 when people are used to the kind of a "V-fight exit," so
8 you have to look at the longevity of what was created,
9 and that means the debt burdens from 1980 up to 2005 and
10 2006. What has gone on is this policy has really pushed
11 stability from the downside, but now you are starting to
12 see the potentials for upside and there are still
13 headwinds, but this is about long-term growth.

14 So the household level, if you looked at the
15 interest burden on the household level, right, it's at a
16 30-year low. Because of what has happened with mortgage
17 rates as credit cards have come down, as asset prices go
18 down, people have been able to take down that interest
19 burden. Their overall debt is just starting to come
20 down, but that interest burden allows for more
21 disposable income, even though you're not seeing your
22 wage income increasing at the same pace.

23 What that allows for in this economy is
24 stability consumption. It doesn't mean that you are
25 going to see this 4, 4-and-a-half percent high economic

1 growth, but it means the U.S. economy, which has 70
2 percent consumption, has a more stable growth profile.
3 There are differences in regions and areas, in --
4 buckets, but that environment is allowing for that.

5 That comes back to this point of we're more
6 convinced about the stability of that 2 percent growth
7 and what asset prices should be doing based on that.
8 When you actually come down to corporate profit, and
9 what the equity markets are still pricing off of is not
10 necessarily a robust economy, but it's how that current
11 economy translates into profit growth at the company
12 level.

13 And what you saw during the downturn, and
14 the corporations have a very flexible market in the
15 United States, different in other countries but in the
16 United States, when they saw the demand falling and the
17 uncertainty in the visibility in their future demand,
18 they cut costs, and they cut costs dramatically.

19 As we went through 2009, 2010, 2011, and the
20 uncertainty about the core economy as we have had major
21 policy decisions globally, many of these companies have
22 led themselves with very high productivity, higher
23 margins and have seen cash-flow growth.

24 Today, I think as we go into 2014, the thing
25 that we need to see out of this economy, one, from the

1 Fed perspective and also from a fiscal perspective, is
2 corporations starting to spend. All right? Are
3 corporations starting to believe in the stability of
4 their growth profile and starting to spend in order to
5 do that.

6 There are a couple of things that I think
7 that this is a positive outlook: One, there are many of
8 these companies, that as they run themselves for
9 profitability over the last five to six years, there is
10 a depreciation aspect. All right?

11 There is a simplistic nature of: We need to
12 start doing this. Autos are a prime example of this
13 because we have actually seen this. The average life of
14 a car in the United States is about 10.8 years. So when
15 we were running SARS or a selling rate in 2009 to 2010
16 of 8 or 9 million, the reality is, different than houses
17 when everyone views that they go up every year, a car,
18 when you pull it out of the lot, it's going down about a
19 year.

20 So a ten-year old car has a high maintenance
21 cost for people and so -- you don't necessarily need a
22 \$50,000 Escalade, but owning a car of \$2,000 or \$3,000,
23 a used car. So even in December of 2009, the Manheim
24 index, which translated into the used-car market,
25 started to spike.

1 So, what we see that as, I believe that when
2 you see that though a lot of systems, when you think
3 about hotels, right, that haven't spent money or the
4 typical wear and tear that you see run through the
5 system, industrial companies, things that old technology
6 needs to change, I think that's where you start to see
7 some options.

8 Right now you are seeing more in the M&A
9 activity and you are starting to see more growth with
10 regards to CEO's and CFO's trying to reinvest in their
11 business. A lot of it has been through buying back
12 their own shares or increasing dividends, but now, when
13 you start to see multiple expansion, they have to defend
14 their multiples. And as they get more optimistic -- and
15 I run a 300 billion dollar credit business -- when I
16 talk to CEO's or CFO's of companies who, in general,
17 like us, they're investors, they invest in their own
18 business, they get paid in their own business, and they
19 are becoming more optimistic, still hesitant but more
20 optimistic on trying to invest and grow.

21 In some businesses it might be a restaurant
22 company that wants to open and do other things. It
23 might be a drug company that wants to increase its R and
24 D spending. I think that is where you will see it. I
25 think it will be slow, and I think that is going to be

1 coupled with the fact that the fiscal drag is starting
2 to be reduced, so the pull on the economy is starting to
3 slow down.

4 So, I'm pretty optimistic, and I'm not
5 painting a rosy picture where I'm saying the United
6 States show grow at 4 or 4-and-a-half percent. I think
7 that this is a longer term play, but I'm saying the
8 stability of that modest slow growth is there. How you
9 think about how that translates for pricing of risk
10 assets or fixed-income assets is important.

11 So, I believe that the equity market is
12 going to be the out performer this year. I think the
13 fixed-income market, you want to change your allocation
14 over the course of the year. I still like bank loans at
15 a short duration-type credit, but municipality debt,
16 investment-grade credit, long duration government bonds,
17 these things have started to become more attractive as
18 yield curves steepen and the risk-reward dynamic
19 changes.

20 MS. ROMAIN: You made some comments about
21 the automobile industry. Now, I think the automobile
22 industry is becoming more of a core-type industry. I
23 mean, I think they took such a beating that the ten-year
24 average age of a car is more in terms of the improvement
25 and the quality of the car, in terms of that; because I

1 remember when three years and you'd better get a new
2 car. So it's similar to what is going on with the smart
3 phones. You could have a smart phone, it's a year and
4 you're ready for the next one, because they are just
5 putting incremental amounts into the value of that
6 phone. So is there a response in the economy to the
7 experience of the automobile industry?

8 MR. KEENAN: If you look at autos over the
9 last 30 years, we have actually only had two years that
10 auto sales were below 10 million. Even if you went back
11 to the 1980's, auto sales were anywhere between 13 and
12 17 million in sales. The economy's population has
13 grown; to get away from the top 40 MSA's, the
14 infrastructure of the United States is not one where it
15 has all the public transportation to get there.

16 So if you look at many regions where we joke
17 saying: You can sleep in your car but you can't drive
18 your house to work. Many people need an automobile to
19 get to the hospital, to get to school or to get to work.
20 So the reality is, the way we look at it, the scrappage
21 rate, and autos are something like there are about 14
22 million cars that come off the road every year because
23 there are accidents associated with them, because there
24 might be a 13-to-15-year life, because Hurricane Sandy
25 comes in and wipes out a bunch of cars.

1 I mean, that is a general attrition that
2 just to maintain the amount of cars that are out there
3 on the road is about 14 million. So that is the steady
4 pace.

5 Then you look at -- I think your question is
6 relating to other industries -- when you have the
7 capital and if your business, you're looking at it and
8 saying: What is my efficiency about buying something,
9 whether it's the new smart phone, new technology or a
10 new car, and does that make sense for me as a business
11 or as a consumer? In some businesses it does not.
12 Right?

13 If you look at, I mentioned the hotel
14 industry. If you look at a hotel, maybe they are making
15 the decision that I have rooms that haven't been updated
16 in the last 30 years, but I am in a district where I
17 have no competition, in which case I don't need to
18 upgrade because I get no return on my capital for doing
19 that. Well, you might be a hotel that's in Times Square
20 and if you haven't updated in the last 10 years, then
21 the ability for you to charge a premium on your room
22 rate, relative to the other seven people who are coming
23 in and competing against you, right, is now -- so might
24 charge 500 a room where your neighbor is charging a
25 thousand dollars a room. Right?

1 So every business is going to look at
2 technology; they are going to look at the maintenance,
3 they are going to look at their R&D and start to do that
4 work. You see today, and what you see at this part of
5 any life cycle, is people being more competitive to try
6 to produce.

7 I'll give you a different example, Soft
8 Bank. The United States' wireless industry is a pretty
9 mature business. I mean, you have over a hundred
10 percent of penetration with regards to phones out there.
11 Smart phones are growing. You have a very small group
12 of four real wireless service providers. Then you get a
13 company like Soft Bank that comes in to buy Sprint. You
14 ask Soft Bank what they are trying to do? Well, they're
15 going to spend an incredible amount over the next three
16 years, trying to build an infrastructure to compete
17 against Verizon.

18 Verizon has a premium product online; that
19 all of a sudden creates a competition, it creates
20 growth, and then it probably creates a response from
21 Verizon. One may be Verizon trying to spend to compete
22 in some product or it might be Verizon reducing its
23 costs, right, and offering its product as productive.

24 Those are all things that I agree with you.
25 You have to look at each industry. Totally separate, if

1 you take something like Yellow Pages or newsprint, how
2 that industry is going to deal is totally different.
3 Right? So every different industry, when you have a
4 2-and-a-half percent, 3 percent growth environment,
5 there are winners and losers. There are industries that
6 you see that over the next 30 years are going to be big
7 growth and there's old world industries that -- I
8 believe if you see growth, the beta's return that you
9 guys represent, is incredibly important. The jobs of
10 2020 are going to be very different from the jobs of
11 1970. So the reforms and the education, what we need to
12 do for our country and other countries is going to be
13 very different jobs to match those jobs.

14 CHAIRPERSON AARONSON: Sandra, you had a
15 question?

16 MS. MARCH: I don't know if you saw the
17 article that was in the Wall Street Journal talking
18 about income over the course of 2002 to 2012, where 90
19 percent of individuals have lost over 10 percent of
20 their income. If you go to the 1 percent, and you break
21 out .01 percent, the 1 percent has gained over 35
22 percent. The .01 percent is 76 percent.

23 So my question is, when you are talking to
24 those CEO's, maybe Henry Ford could come back and talk
25 to them and say: Our economic growth rate would be

1 larger if the people who are really spending the money
2 to buy your product, to help your stock increase, it
3 would be that they should have more income to do it.

4 And that's really -- I think that that is
5 probably 85 to 90 percent of the reason why you listen
6 to the holiday season, everybody is concerned about how
7 much all of the companies that we own stocks in earned
8 during the holiday season -- which is a large percent of
9 their income for the year -- why they are not meeting
10 their growth rate; they are not meeting their growth
11 rate because the people who spend everything that they
12 earn are just not earning the money that they need to
13 spend more.

14 That really, when it gets down to it, that
15 is really the major problem that is existing in this
16 country. It's that the average person doesn't have the
17 money to buy the new Ford in nine years instead of ten
18 years. So maybe we could make that part of your next
19 meeting or seminar or summit or whatever it is that you
20 have, and you have all the CIO's there, and maybe Henry
21 Ford can come back and talk to all of them, because he
22 did know that people have to have the money to buy his
23 car.

24 MR. McKENZIE: I think that we're seeing a
25 shift in the populist view. Our new Mayor, I think all

1 of us are beginning to talk about income inequality. I
2 think we all, as responsible citizens, have to throw our
3 two cents in. I hear you loudly and clearly. I think
4 as a corporation, and the largest in the world, we have
5 a responsibility to the citizenry that we serve,
6 particularly in the DC business that you asked about, to
7 encourage us to understand that 70 percent of GDP is
8 consumption and that's a lot of the people that you are
9 talking about. So we are all talking about that.

10 MS. MARCH: I'm a fiduciary. I want
11 everything that I own, especially the equity that I own,
12 to be able to increase in value.

13 MR. McKENZIE: Yes.

14 MS. MARCH: They can't increase in value if
15 the products that are being sold are not purchased. So
16 that's really -- you know, income, that's really what
17 the problem is right now. It is that simple.

18 CHAIRPERSON AARONSON: I think, related to
19 this, I'm sure you know better than I that large
20 corporations are holding trillions of dollars in cash.
21 They would rather lose money, because holding that money
22 in cash, means they are losing money, than to pay taxes
23 on the money and then reinvest it. Has that discussion
24 come up?

25 MR. KEENAN: Yes. We talk to these

1 companies as well. I agree with you. I think that
2 these are long stages and a couple of things: If you
3 look at the companies that are holding a lot of cash,
4 they are under pressure as well. Right? So you have
5 activist shareholders that have grown dramatically. As
6 we talked about, cash is not a zero return, cash is a
7 negative return.

8 So, if you are talking about all the money
9 that is sitting on a balance sheet of cash, then those
10 CEO's and CFO's are telling their shareholders that if
11 they deploy a dollar, they cannot be a zero percent
12 return. Right?

13 So the pressures on this are from
14 shareholder pushing down and saying: Either return that
15 money back to us that we can go do something, whether
16 that's even buying 2 percent debt, or we can do
17 something, we're not investing in your equity for you to
18 sit on that cash.

19 So they are feeling a lot of that pressure.
20 In '09, 2010 and 2011, they got away with it because of
21 all the uncertainty on it. Today they get a lot of
22 pressure from their shareholders and that is part of the
23 reason why you start to see the growth.

24 With regards to the income inequality, I a
25 hundred percent agree. I think there are multiple

1 stages to this that start to put pressures on that.
2 One, it is hard to push in when you have such a high
3 level of unemployment, all right, and there is that
4 unemployment, but there's so much slack and the labor is
5 so available that they don't have the pressures on them
6 to try to push that up.

7 As you look at what the Fed policy has
8 really done, as we talked about the corporations holding
9 cash, those who own cash -- and whether you're 1 percent
10 or whether you're a corporation that is sitting on cash,
11 if you sat on cash, you have lost money. You have
12 essentially transferred value.

13 So what the Fed has done has pressed asset
14 prices. So even though the 1 percent owns the most
15 assets, but they also own the most savings and cash,
16 many of the country, when you go back five years ago,
17 had a negative equity value in their home, right? For
18 much of the country their house was the largest personal
19 wealth that they had. So much of that has decreased.

20 If you have seen asset prices and many of
21 these jurisdictions were housing prices that sky
22 rocketed up about 30 to 50 percent, their risk of
23 defaulting has decreased dramatically. As unemployment
24 starts to come down, and we see this in some areas, in
25 areas where there is a mismatch and a tight labor

1 market, either because of the skill set or because of
2 the location, they are forced to pay out that income.
3 On a national level, you don't see it, but in some areas
4 you are seeing pressures on that. An engineer in
5 Silicon Valley, right? An engineer in technology in New
6 York or Boston, there is a premium that is put on that.
7 So there are some areas.

8 As we start to go through this and, again,
9 this is long life thing, and the unemployment rate
10 starts to get tighter, I do think you will see some
11 pressures to see wage inflation up. We need that. As a
12 country, we need that for a longer term sustainable
13 growth.

14 MR. MCKENZIE: Do you want to swing to
15 equities --

16 MS. BEYER: Could a just ask a question, Mr.
17 Chairman, on the macro?

18 CHAIRPERSON AARONSON: Please.

19 MS. BEYER: I heard you just talk about
20 wage inflation, but I think what I heard my fellow
21 trustee ask about was wage deflation and how it's gone
22 down. My question is more about the consumer and the
23 retail market, because I heard you say that you see some
24 consumer stability, but what about disruption of the
25 Internet? I live here in Manhattan. This huge Barnes

1 and Noble on Union Square is shutting down and I am
2 thinking, who is going to go in there and rent it?

3 MD. DICKEY: A bank.

4 MS. BEYER: Well, There's too many banks
5 already.

6 MS. MARCH: Cosco.

7 MS. BEYER: I think what I am seeing just in
8 my neighborhood is lots of storefronts are for rent,
9 lots of storefronts are closed; the Internet online
10 buying has gone skyrocketing. So what is that
11 disruption as a possible surprise on the macro level, is
12 really my question.

13 MR. KEENAN: I don't necessarily view it as
14 a negative surprise, right? Some of the things, if you
15 have seen -- what I said was jobs in 2020 will be jobs,
16 different jobs than 1970. In last 34 years we've seen
17 an enormous amount of construction on retail square
18 footage, right? Much more so than the actually consumer
19 has built.

20 And when you look at technology, you know,
21 the technology shifts are just creating different jobs,
22 right, and technology, in and itself, is somewhat
23 deflationary with regards to jobs because, you know, you
24 look at an Amazon warehouse and it is completely done by
25 robots as opposed to people. Even E-ZPass, right, you

1 don't have the same labor needs for that. I think it
2 doesn't necessarily means a downtrend, it means the
3 economy is shifting; natural gas versus oil. These are
4 things that have shifted.

5 I look at that and how you say that and more
6 capacity opens up. So maybe it is Cosco or maybe it is
7 a restaurant and maybe it is a hardware store that could
8 not afford that square footage because selling hammers
9 would not allow them to be profitable if that's what
10 they had to pay per square foot in a lease rate. So,
11 there is, in areas, you will see a real-estate deflation
12 on some of that pricing, right?

13 So that opens the opportunity for other
14 businesses, in order to have a profit margin and able to
15 grow, as you mentioned. Somebody will take it because
16 either they won't rent it and the person who owns that
17 real estate will suffer or they are going to drop that
18 level in pricing to a point where somebody will own that
19 square footage.

20 MR. McKENZIE: That being said, and I hear
21 you, there are two economies out there: There are the
22 haves and there are the have nots. When you talk about
23 7 and 8 percent unemployment, you have to look very hard
24 at a lot of people who are dropping out of the job
25 search market. So you really have to take a very

1 careful look at those numbers.

2 There are headwinds in our macro system.
3 There are lots of reasons for there being an upside, but
4 there are also some headwinds and some of these places
5 are closing because the buyers are not there because
6 they don't have the money to buy. Others are not going
7 because the way people read, they are changing because
8 of the Internet.

9 We have to look very carefully when we are
10 analyzing macro-economic issues as to what sector of the
11 market are we talking about back, which gets back to
12 your point. Income inequality is real. 70 percent of
13 GDP is consumption and a lot of that consumption are
14 real people that have to go to work every day for a
15 salary. And, so, we have to be very careful about what
16 our assumptions are as to what those headwinds are and
17 how serious that could be in a possible disruption of
18 the 2-and-a-half to 3 percent growth that we're
19 expecting in domestic.

20 MR. KEENAN: I will make one more point just
21 to draw a comparison on the two. The United States has
22 had the advantage over the last several years because it
23 is, on a national level, it is a very broad, diverse
24 economy. Right? When you have had issues with regard
25 to the real estate and really hurt areas like Nevada and

1 Florida or you have had downturns with regards to the
2 auto market, which really impacted Michigan as a whole
3 other, you have had other areas in the country that have
4 done really well, like northern California.

5 So, as a whole, on a national level, as
6 everybody pays federal taxes, we have been able, not
7 that we haven't avoided a recession, but it's different
8 from Europe. If you look at Europe as a whole, it's a
9 very diverse market. In Germany there's an output
10 driven market with high technology; Spain is a very
11 real-estate driven market, right? So the issues they
12 dealt with in 2010 is, you had a very localized real
13 recession and unemployment in Germany is very different
14 than unemployment in Spain or Portugal.

15 The United States, one of the benefits from
16 the one culture, similar languages, has been the
17 mobility of labor and people; if they couldn't find a
18 job in northern Florida where construction was, they can
19 then move to somewhere else? You don't necessarily see
20 the same for somebody moving from Barcelona to
21 Frankfort. So those are the things that -- I think you
22 will see more now, especially as some of the negative
23 interest or negative equity in people's homes, some of
24 that prevented them from being able to move because they
25 couldn't sell their house because they had to show it to

1 a bank, you know, money to pay, they were short. I
2 think you will see some of that start to come back. It
3 is slow.

4 MS. ROMAIN: I can use myself as an example,
5 I didn't go into one store this holiday -- not one. I
6 didn't get caught up in the delivery problems either, so
7 that whole business is probably going to be much more
8 expanded in the future, but people, you know there are
9 behavior changes.

10 MR. KEENAN: So if you think about that, so
11 maybe the store clerk lost a job, but FedEx or UPS had
12 to build out infrastructure, railroad infrastructure in
13 order to be able deliver that within 48 hours.

14 MS. MARCH: But it is also, for those people
15 who are working, what kind of an economy are we
16 developing when all of the job growth has been in
17 part-time, low-paid employment that has to buy the milk
18 and the bread and can't go in and buy the Apple products
19 that we own the shares in.

20 MR. KEENAN: This is the downside risk.
21 Central bank policy has done a very good job about
22 reducing that downside risk. Now, it moves the fiscal
23 side; important for long-term growth, you need reforms
24 to come into place. Right? You need education to teach
25 these jobs for this economy.

1 CHAIRPERSON AARONSON: Speaking of
2 education, there is a great mismatch because of the
3 education system. Here we have a Mayor who is talking
4 about improving education and to improve it you have to
5 take the small number of wealthy people in New York and
6 charge them a little extra in taxes. These people, I
7 think for the most part, are the smartest people; they
8 are the corporate leaders and so forth and so on. They
9 know that they have a lack of employees.

10 Why is all this resistance to paying a few
11 more pennies in tax, if they know, as I believe they do,
12 I believe that by getting better educated employees, it
13 is going to help their business, and yet there's all
14 this resistance.

15 MR. MCKENZIE: I don't think that has
16 computed yet. I think we all know the greed factor, and
17 that greed and self-interest drives a lot of our
18 economy. So, until we really change the behavior of
19 behavioral finance, until we change the attitude of
20 people in business as it relates to self-interest versus
21 self-less, then we are going to continue to have that
22 problem. That's not a new problem, as we all know. It
23 continues to be pervasive. I think the Pope is
24 obviously on our side.

25 (Laughter.)

1 He has shocked a lot of people with his
2 views, his populous views, et cetera, and a lot of the
3 wealthy are not really happy with his position. I think
4 these are behavioral, almost spiritual issues that have
5 to be addressed. If they don't change, the money will
6 continue to follow the attitude that says: Me, mine,
7 and no more.

8 CHAIRPERSON AARONSON: What is the chance of
9 a fellow like -- what's the name of your CEO, Fink?

10 MR. McKENZIE: Larry Fink, yes.

11 CHAIRPERSON AARONSON: Larry Fink; him
12 coming out and making a statement that he knows that
13 educated people working in the companies and so forth is
14 great for the economy. Why can't, perhaps, somebody
15 whisper in his ear to make such a statement.

16 MR. McKENZIE: Kristen, you ran investor
17 relations and you worked with Larry Fink every day.

18 MS. DICKEY: So it's my job now?

19 (Laughter.)

20 MS. DICKEY: I was yelled at every day by
21 Larry.

22 MS. MARCH: Before you answer, the hero of
23 every person who is a high-school graduate who pays
24 attention to what is going on in the news is Warren
25 Buffet. And, therefore, we need more Warrens, because

1 there is no doubt, Obie, what you have said is
2 absolutely true, the message that is being given is very
3 different than the message that should be given, because
4 if I share just a little, I will make a lot. It
5 translates into the value of the assets that we own here
6 at the retirement system.

7 Mel is absolutely correct. We just need
8 more Warren Buffets to do that, because they are the
9 pacesetters in this country, and they can get the media
10 to pay more attention to them than any of us sitting
11 here at this table.

12 MS. DICKEY: Before I do what I do now, I
13 helped start our investor relations effort at BlackRock,
14 which as a publicly traded company, for a very long time
15 we had several large partners. We didn't work with
16 shareholders to a great extent, we had three large
17 partners despite being public. Well, now we have a lot
18 of shareholders and we needed an effort in place to
19 communicate with them appropriately about how the
20 company was doing, be able to work with the Wall Street
21 analysts, and so I did that and I had the pleasure and
22 privilege of working with Mr. Fink pretty much every
23 day, which sometimes meant he yelled at me.

24 (Laughter.)

25 Actually, for sure, he yelled at me.

1 MS. MARCH: I hope you responded correctly?

2 (Laughter.)

3 MS. DICKEY: I'm still here and I had the
4 benefit of learning a tremendous amount, too. That was
5 fantastic.

6 So a couple of things on the equity markets.
7 You know, coming off of a year where you have earned 25
8 percent in the U.S. and north of 20 percent in most
9 developed countries, to Jimmy's point, the question is
10 always on everybody's mind: Now what? How do I invest
11 my money? What do I think about?

12 The performance of equity markets, while
13 everybody wants to look at the S&P and feel very pleased
14 with the results was also a tale of two stories. As you
15 know well, owning a large emerging-equities portfolio,
16 emerging markets did not have similar results and they
17 actually underperformed pretty terrifically. I want to
18 spend a couple of minutes talking about what went on in
19 2013 and around the world which sets the table a little
20 bit for the outlook for 2014.

21 I will do the U.S. last because Jim has done
22 a nice job. Clearly, the situation in Europe, while in
23 2010 the word that comes to mind is somewhat dire in the
24 banking system. Part of that is because while we do
25 have a centralized monetary authority in Europe, the

1 actual activity of changing the banking system was one
2 of trying to get ten countries together to think about
3 doing things in each of their own countries, with a very
4 dramatically different situation.

5 As a result, they were not as quick to the
6 draw as we were here in the U.S. and the ramifications
7 of that existed for quite a while. So you have not seen
8 the recovery in Europe to the extent that you have in
9 the U.S.

10 Clearly, as Jim mentioned, there are
11 pockets. In the U.K. things are moving quite on the
12 upward stream; Germany is an export, but southern Europe
13 still remains under great pressure with Spain, Italy,
14 Greece really, frankly, being buoyed by their northern
15 colleagues in Europe.

16 So, European, while we think that there is
17 still a lot of work to be done, they are, I would say,
18 less stable from a growth perspective than we are seeing
19 here in the U.S., but there are still some real risks
20 out there and they still have a lot of wood to chop.

21 Moving further east, we can look a little
22 bit about what is going on in Asia. There was a lot of
23 press in 2013 about China. Was China going to have a
24 hard landing? Where were we going to find China? China
25 has proven to continue to be resilient. One would hope

1 so with a population of their size.

2 While we saw a slowdown in growth, they seem
3 to have manufactured one where it wasn't quite an
4 explosion, going from 11- percent growth rate, which
5 everybody knew to be highly unsustainable, to moving
6 into the high single digits and ones we consider to be
7 at a place where, as they take steps to really help
8 monetary reform and deal with their consumers, as well
9 as the huge growth that they have seen in terms of
10 urbanization, we expect China to continue to be able to
11 make pace at this level.

12 Our friends in Japan, frankly, you know, the
13 natural disasters in Japan had two effects on it: It
14 not only had a massive blow to the economy several years
15 ago, but it also was a massive blow to the psychology in
16 Japan and really was the catalyst in many ways for what
17 you are seeing with Abe. You are seeing Japan, for the
18 first time, really start to identify issues that it had
19 frankly not managed well for over 20 years.

20 You have them taking very, very aggressive
21 policy to manage their currency. You see them having a
22 very, very hard look into wanting to get and draw
23 capital into their equity market, and we are beginning
24 to see the real senses of structural reform. We're in
25 the early days, we don't know how it's going to go, but

1 we're starting to see. As a result, you had Japanese
2 equity markets up 40 percent last year; pretty amazing.

3 So the impact of China, the impact of growth
4 in the U.S., those two things are big reasons for why
5 the emerging markets underperformed. China were huge
6 buyers of commodities. The emerging markets, the
7 largest things they have to export are commodities and
8 they're big drivers of those economies.

9 We don't expect to see an uptick again in
10 growth in China or, frankly, in buyers of huge
11 commodity-oriented products. We expect the emerging
12 markets to sort of continue to be under pressure and
13 underperform, while longer term we are very, very
14 bullish on our outlook for where they could go.

15 Turning to, then going full loop around the
16 east to the U.S., as Jimmy set the table for how we see
17 things in the U.S., you know, what drove U.S. markets
18 last year were several things: We definitely had a
19 people feeling of greater confidence in what was going
20 on in the system; people feeling like they were not in a
21 doomsday scenario anymore and there was a place to
22 invest their money, but they also found themselves in
23 the zero interest rate policy, people wanting
24 predictable income and stock dividends became the answer
25 for that again.

1 We saw more money in income and dividend-
2 oriented equity funds than anything else last year, and
3 those are the stocks that were high payers, returning
4 that capital, as Obie and Jamie have talked about, to
5 the consumers so they can do what they want with it,
6 with the companies that really continue to do well.

7 Corporate CEO's, as Jim discussed, do still
8 have a little reticence. They haven't been really
9 poised for growth. It's starting, but they didn't do a
10 lot of that in 2013 and, as a result, they bought their
11 own stock back. The supply-and-demand effect of the
12 fact that there were more people buying their stock back
13 than IPO's also led to having a terrific stock market in
14 the U.S. in 2013.

15 So, can we repeat all of these things in
16 2014? My colleague over here says no. He says we can
17 still do double-digit returns of 10 to 15 percent, but
18 25 is a lofty goal. I don't disagree with him. I think
19 that is an anomaly and Obie will never bring me back if
20 I promise 25 percent, but I will say that there are some
21 things out there that may make the continuation of 2013
22 go on into 2014 a little bit longer than my colleague
23 two seats down thinks.

24 We may be in a position where the outlook
25 for things in the U.S. are terrific. Right? We are

1 developing an energy policy of independence that will
2 help us be net exporters as opposed to importers. We
3 are seeing a surge in companies wanting to build and
4 grow and manufacture in the U.S. again. I mean, BMW is
5 building a plant to build cars in the U.S., in South
6 Carolina. So you are seeing pockets of that happening,
7 but the pressures that exist in the economy that we
8 spent some time on this morning are very real.

9 There's still a situation in Washington at
10 the federal level where it is very, very difficult to
11 have there be actionable outcomes. I'm trying to be as
12 neutral in my tone as I can about Washington, but the
13 fact is that if we have another year where you have such
14 huge, I would say polarization of thought, that it
15 becomes very, very difficult how to see that things can
16 get done, frankly.

17 MS. MARCH: It's not Washington, it's the
18 people who happen to be there now.

19 MS. DICKEY: I don't disagree. The city
20 itself is lovely.

21 (Laughter.)

22 I was there in December, it's lovely.
23 Nonetheless, it's hard to still get things done. So
24 that will mean that corporate CEO's, while there is an
25 impetus to take on the new project, to rethink things;

1 until they have a better sense of what the tax policy is
2 going to be, how they are going to handle various types
3 of new insurance requirements, what things are going to
4 be looking like with respect to larger questions of
5 policy, you still might see them continuing to buy back
6 their stock and that would mean things more positively.

7 So let me try to bring this together a
8 little bit and talk about what this means from an asset
9 allocation point of view. I think that one of the
10 things we have talked about in this "lower-for-longer"
11 scenario is that while we have a lot more to look
12 forward to than we had in many past years, there are
13 still a lot of risks out there. There are still a lot of
14 questions that are unanswered.

15 Therefore, you know, we continue to be huge
16 advocates of being as diversified as possible; that we
17 are not in a position where we think you should be
18 taking risk off the table, but we are in the position of
19 maybe you being a little bit more forensic about how you
20 think about your risk; be a little bit more creative
21 about how you think about your risk. In many respects
22 that means, are you thinking about fixed income in the
23 traditional ways? Maybe it makes sense to be thinking
24 out of the box a little bit and doing things in a more
25 opportunistic-run constrained manner.

1 Within equities we encourage you to continue
2 to hold force with your emerging markets, because
3 despite them being a little unfavorable today, longer
4 term we think they will be the growth engine for
5 equities. We continue to suggest that you should stay
6 hold in the U.S., the outcome, and where you think of
7 things in the U.S. will be good, your value portfolio
8 will continue to shine, particularly in this demand for
9 income environment, but we also would encourage you to
10 continue to also think about the world globally. There
11 is opportunity to take advantage of some of the things
12 that are going on outside the world, like Japan, but we
13 encourage you to do it in thinking about it from a
14 global perspective.

15 So I know we had an hour and I've taken two
16 minutes extra, but thank you for your business and most
17 important for inviting me, I have never been here
18 before.

19 MR. MCKENZIE: I will bring her back.

20 CHAIRPERSON AARONSON: Not to rush you.

21 MS. DICKEY: We're not going anywhere.
22 We're being sensitive to you.

23 MS. ROMAIN: Can you talk a little bit about
24 infrastructure and how you see us moving forward?

25 MS. DICKEY: Infrastructure?

1 MS. ROMAIN: Yes.

2 MS. DICKEY: Well, there's a couple of ways
3 to do it, there's debt and equity. Right? I think we
4 are fanciful and we do both quite well. I think that
5 one of the ways that we like to express infrastructure
6 is, because organizations like yourself are long-term
7 investors, you are folks that have cash-flow needs way
8 out into the future and that makes you the perfect
9 buyers of infrastructure-type products.

10 One of the ways that we have thought about
11 infrastructure is to take advantage of where it's doing
12 things that are new and different; so whether that is
13 renewable energy or doing it in investment in different
14 kinds of smaller start-up-y kind of things through
15 private equity. So, we think that it certainly makes
16 sense from an asset allocation point of view. Jim's got
17 a whole host, he's got, you know, a product here in the
18 infrastructure belt, so I will let him take over.

19 MR. MCKENZIE: At the expense of selling,
20 which we're not here to do, our view is clear.
21 Obviously the country is falling apart, bridges, roads
22 all need repair, and so there are opportunities for
23 investor capital here. Some of that is tied to
24 contracts which makes some of this stuff a bond on
25 steroids, so we're talking 12 percent, 10 or 12 percent

1 return.

2 We have funds like everybody else has funds.
3 Our view is that obviously there is a need, there is a
4 demand, and we have approached that. It's not one of
5 our biggest businesses but we certainly think that,
6 needless to say, there is demand.

7 MR. KEENAN: I'd like to make a high-level
8 comment. Infrastructure is different in different
9 countries. All right? Everybody has different needs.
10 I mean, each country is a different region. Much of the
11 world is always borrowing through the banking system and
12 they finance that as a way. So into China or WMP or
13 wealth management products, still have a role or a need.
14 They are still borrowing, whether it's airports roads
15 and tunnels and things.

16 But as your regulation and balance sheets
17 from banks are getting pushed down, much of this is now
18 going out to the private market, and I think for
19 investors, and certainly investors like yourself who are
20 longer term, it does provide a new opportunity to be in
21 diversification associated with it, whether you are
22 talking about equity or debt.

23 In the investable side of what you see
24 today, infrastructure in the United States comes to the
25 market in a couple of different ways: Some go through

1 the municipality desk, where you can actually see a
2 hospital or an airport or a hangar, something getting
3 financed in that way. Those tend to be smaller, less
4 restrictive. Then there's now debt that's now coming to
5 the market.

6 What we see in the United States, away from
7 some of those other deals, you have some of your tunnels
8 and your roads, but obviously, because of the economy
9 we're in and the fiscal balance sheets we're in, there
10 is not a huge amount that's getting spent. I think that
11 is important for the United States longer term, to spend
12 on infrastructure.

13 What we see investable in the United States
14 to a larger degree is an infrastructure that is getting
15 spent around utilities, around the natural gas
16 pipelines, new infrastructure around building out from
17 that. Sometimes it comes through the corporate market
18 and sometimes these companies access a different bank
19 where it is secured in an infrastructure loan. That's
20 usually an investment-grade type of structure that's
21 paying probably 150 to 200 basis points more than what
22 we are getting in investment-grade corporate debt.

23 When it comes to the equity market, Obie
24 mentioned this, it's usually a partner that comes in and
25 owns part of that equity cash-flow stream from that

1 specific project. You see a lot of that getting done in
2 natural gas. So my team in infrastructure in the U.S.,
3 that's a lot of the focus on the renewable side as well.

4 In Europe, it's a bit different. In Europe
5 it is still a lot of the bridges, tunnels and roads. We
6 have a development team there and they can access with
7 some of the local governments around that. But all of
8 our conversations globally is that every government
9 official is looking out over the next 10 to 15 years and
10 saying, "How are we going to do this? Where is the
11 capital going to come in?" Because the traditional ways
12 that they have done that have changed.

13 So I think it's an evolving asset class that
14 is going to continue to grow, as well as most things
15 that had been traditionally done by the banking system,
16 they can no longer balloon their balance sheets.

17 MS. DICKEY: This is also part of the huge
18 growth that you saw in China. You talk about
19 infrastructure in the U.S. as being a repair of
20 something or refurbishment. When I was in San Francisco
21 in September, everybody was all excited because they
22 had, for the first time in I don't know how many years,
23 built a new Bay Bridge. China built like 30 of them.
24 Right?

25 So you are seeing the growth in the

1 commodity demand and everything that you saw going on in
2 China is building, you know, tens of the times of things
3 that we are doing. We are trying to figure out how to
4 fix the Midtown Tunnel; they are building a new one.

5 MR. KEENAN: A funny anecdote: I'm at a
6 dinner with the UTS CEO about two months ago and he gave
7 me what the outlook for UTS -- they make elevators.

8 MS. DICKEY: United Technologies. They own
9 Otis.

10 MR. KEENAN: So he said in Europe, all of
11 Europe, they plan to build around 10,000 new elevators.
12 This luxury has to do with the new buildings that are
13 being put into place. In the United States I think it
14 was 25,000. In China, it was 550,000.

15 MS. ROMAIN: But that's all government?

16 MS. DICKEY: Not all government. We joke
17 about it. I was at the same dinner with him, and
18 jokingly, you know, in China, effectively, a building to
19 have an elevator, had to have more than six stories. So
20 now they are finally putting in elevators. We would
21 have been shlepping up seven flights of stairs, but in
22 China that's sort of what happened. So the demand for
23 elevators is now everything from residential to
24 commercial there.

25 MR. McKENZIE: But a lot of it is debt

1 driven, and for those people who look at China and see
2 some headwinds, there are headwinds in China. There's a
3 lot of debt underneath a lot of that building and debt,
4 as we all know, has been the very cancer that's eating
5 the equity out of the world financial markets. So there
6 are other views.

7 CHAIRPERSON AARONSON: In yesterday's speech
8 by Governor Cuomo, he talked about infrastructure in New
9 York State. Did he talk about any ways that he might
10 raise the funds for it?

11 MR. DICKEY: I didn't think he got into the
12 specifics of it.

13 MR. KEENAN: I mean, they have to look at
14 each one of these projects and look at, you know, what
15 the cash flow is going to draw, how it will be supplied.
16 Some it might be financed by a budget that exists or a
17 tax policy. Some of it is going to be borrowed by a
18 local bank. Some of it is just the municipality market.
19 Some of it might hit an infrastructure loan or an
20 infrastructure equity-type plan. I think they're all
21 going to be different and it's very specific.

22 MS. HINGORANI: You'd think the right to
23 airports would be terrible.

24 CHAIRPERSON AARONSON: The road structure
25 here in New York, for instance, you can't drive 50 feet

1 without damaging your tire. We haven't done anything
2 here about it. The Mayor, the ex-Mayor brags about how
3 he left the city with a balanced budget and so forth,
4 but he left the city with billions and billions of
5 dollars worth of infrastructure.

6 MS. MARCH: Right. I know that you speak to
7 people who are coming up and looking for new products.
8 Maybe they could talk to people in Australia or Canada
9 and find out how they could put products together,
10 investment-grade products that we could -- because we
11 have an asset allocation for infrastructure. There are
12 not products out there that can be presented to us that
13 are reasonable for us to invest our money in because 2
14 and 20 is a bit much.

15 MS. DICKEY: They also have a 9 percent
16 consumer savings rate in Australia, so their superfunds
17 can do quite a lot.

18 CHAIRPERSON AARONSON: We have plenty of
19 money, too.

20 MS. MARCH: We have money, yes.

21 CHAIRPERSON AARONSON: Can I ask something
22 about Japan? It seemed that Japan had the highest stock
23 market in the world a few years ago and then completely
24 collapsed and stayed collapsed for many years. What
25 happened in 2013? How did they get smart and do so

1 well?

2 MR. KEENAN: China is -- this is a global
3 debt problem. All right? So people compare emerging
4 markets in the developed world and the developed world
5 is largely the ones with the debt. Emerging markets
6 don't have debt but they sell a lot of products to the
7 developed world who has bought it through a lot of debt.

8 You know, Japan has gone through a 20-year
9 period, as Obie talked about, of inflation. Right? So
10 there's a big psychology shift that occurs there in that
11 environment, and you have a very aging population in
12 Japan. A dollar or a single yen is the best investment
13 that you have because a year from now that yen is going
14 to be worth more than anything else you can buy.

15 So the psychology there is one where you
16 want to save and you don't want to invest in anything.
17 You don't want to buy anything because the way to make
18 money is actually holding on to the yen. And what Abe
19 and that policy is embarking on trying to do, and it
20 involves the three arrows, is really trying to enforce a
21 change.

22 So one of the things beyond the U.S. paper
23 language, the bank of Japan policy was another reason
24 why you saw a huge vol spike in interest rates,
25 including the United States Treasuries, in June of last

1 year, because the reason is that everybody had thought
2 that this market was a deflation market, right, and that
3 ten-year JGD's traded at 30 basis points, and that was
4 the best asset to own because it was, in real terms, a
5 very good return on your capital.

6 Then, all of a sudden, you had this shock in
7 awe, where the Central Bank of Japan came out and said:
8 In two years, we are going to do everything possible to
9 get our inflation rate at 2 percent. So that had to
10 change investment schemes everywhere.

11 What you immediately saw was the massive
12 volatility in currency, which is the most liquid part of
13 the world, because the yen and a lot of the dollar/yen
14 trades had to get unwound because now you are increasing
15 vol**. That's starts a roll and the rate starts to roll
16 into corporate and then you started to see the policy
17 shift around that.

18 So when go into Japan you have to look at as
19 you have seen that market and deflation, it has really
20 worn down their economy. So they are embarking on a
21 longer-term thing. The first immediate thing was a
22 reaction. That had a massive impact on its local stock
23 price, as well as its currency. Right?

24 But there's a longer-term theme in this.
25 Japan is still the third largest economy in the world.

1 It's partners to the north, and it doesn't necessarily
2 have the best relationship, is becoming a global
3 economic powerhouse. So Japan has to start to change
4 and has to start to do things because it does run a risk
5 that in ten years from now of economic insignificant.

6 So there are a lot of things. The first
7 reaction is the stock market. You now need, like
8 everywhere, to see these reforms. I'm not certain if
9 it's going to work because this is a massive shifting
10 change and this is going to be a ten-year thing, but the
11 immediate reaction is just the market shifting, whether
12 it's currencies or whether its stock market and now
13 actually you need to see inflation to change the
14 consumption trends and the psychologies of people to go
15 out and invest, to go out and consume, because for the
16 last 20 years the psychology prevented them from doing
17 that.

18 MR. McKENZIE: There's some monetary policy
19 in Japan that has shifted and you're seeing QE, more QE
20 aggression balance sheet management on the part of the
21 Bank of Japan than you have seen historically, and that
22 has some major implications. So growth may be coming --
23 where growth is coming from is very, very significant.

24 MR. KEENAN: One last comment in thinking
25 about the United States on that. The policy that the

1 Bank of Japan is doing, when you think about the
2 percentage of QE record doing relative to the percentage
3 that the United States already did versus their own
4 economy, it's massive. All right? So the impact of
5 that is that these institutions in Japan are big buyers
6 of government debt elsewhere. You go out and you buy
7 United States Treasuries. You go buy United States
8 corporate debt. You go buy European debt.

9 So we see big flows from Japanese buyers of
10 a lot of this product. To some degree that reduces as
11 the fiscal deficit starts to shrink and the U.S. Fed
12 starts reducing -- some of that pressure is reduced
13 because you have other buyers coming in, in global
14 stimulus.

15 MS. DICKEY: Ms. Beyer, did you have a
16 question?

17 MS. BEYER: I actually have two: One is
18 around the index ETF versus the active, and how various
19 institutional clients that you work with view that, and
20 with the enormous growth in the passive ETF that you
21 actually have, a trillion, of your board, do you have a
22 view on that? Is the world moving towards that? Could
23 you see yourselves giving advice to your institutional
24 clients about what to do about that? Specifically
25 global equities, not just U.S.

1 MS. DICKEY: Yes. We've certainly seen a
2 growth over the last few years in more -- of the given
3 parts. I'll start with the active versus passive
4 discussion: We've certainly seen more and more clients
5 moving their assets, particularly in equities, I think
6 in fixed income it's a different story but largely in
7 equities, we've seen more and more clients taking
8 components or all of their equities and moving it
9 passive. There's a whole host of reasons that go on
10 with that, but that has certainly been the trend.

11 Within the passive, we have seen more and
12 more clients up for more global-oriented mandates. One
13 of the biggest trends that we have seen over the last
14 five years is no longer having purely domestic-oriented
15 portfolios, but moving towards large global mandates,
16 whether it's doing things in the All Country World Index
17 or combinations like you folks have done where you have
18 a U.S. component in emerging markets, things like that.
19 So we are certainly seeing that.

20 Within passive, you bring up an interesting
21 question of whether or not to do it in a pure
22 traditional index manner or versus an ETF. I think that
23 when it comes down to it, particularly in equities --
24 and then I'll talk a moment about bonds -- you know, it
25 really comes down to the objective and what you are

1 trying to do. We have seen more and more clients using
2 ETF's and institutional clients using ETF's, but not in
3 lieu of an index mandate but more as a complement.

4 We're seeing that because they are trying to achieve a
5 very specific exposure for a finite period of time.

6 If they are going to want to seek that
7 exposure as a more buying, hold, longer-term strategy,
8 we continue to suggest that doing things in the way that
9 you folks have, in a more traditional index manner,
10 makes more sense for a whole host of reasons, largely
11 because of cost. ETF's are more expensive than the
12 traditional index funds. So, we see them being used for
13 transition; we see them being used if a client wants to
14 make a more tactical type trade. We're seeing that more
15 and more.

16 But I would say that they live in a world --
17 we have clients that have both and use them for
18 different purposes and both can be very effective,
19 depending upon those objectives.

20 In fixed income, it's an entirely different
21 ball game. In fixed income, there are many clients who
22 cannot be active in their fixed income. The
23 fixed-income markets, being over-the-counter, don't have
24 quite the levels of transparency, of pricing and things
25 like that that some clients require and, therefore, go

1 into a pure, passive index bond.

2 MS. BEYER: I'm just asking about equities,
3 unless somebody else wants to know.

4 MS. DICKEY: Then I'll be quiet, but I will
5 tell you that one of the things that we have seen over
6 the last years is a huge growth in fixed-income ETF's,
7 largely by individuals in the retail world, because it's
8 a very easy way for them to get access to the bond
9 markets in a way that you haven't.

10 So we definitely see growth and I would say
11 innovation in that space, but it's very, very different.

12 MS. BEYER: My second question was about
13 bonds. There was a big story on social-impact bonds
14 recently, where if you could avoid people going into
15 prisons going right back in within a year, you save a
16 huge amount of money and it was in the paper about how
17 these bonds were gaining the interest of investors. Do
18 you see that at BlackRock? And are you involved with
19 any of these social-impact bonds? What is your view on
20 them?

21 MR. KEENAN: I specifically am not. I would
22 have to talk to some of my counterparts on that.

23 I will tell you that in the corporate credit
24 space, which I mostly focus on, those bonds don't really
25 exist. There's some corporations that are involved in

1 social welfare, but those are about businesses. I have
2 not really seen that as even within BlackRock and all of
3 my colleagues who I talk to, when we meet up for a day
4 -- for business or something that people are focused on
5 right now -- I would say we are, obviously throughout
6 our investing, and most of the corporates that we deal
7 with, we're all socially aware of what companies are
8 doing through due diligence.

9 MS. MARCH: If we fund pre-K we won't have
10 to worry about social-impact bonds.

11 MR. KEENAN: My sister will keep her job.

12 CHAIRPERSON AARONSON: With regard to the
13 question about assets being passive or alpha related,
14 John Vogel was just asked this question: Do you invest
15 in any kind of active management? He said two things:
16 When he started out in his career he worked at
17 Wellington, so he invested in the Wellington Fund. And,
18 two, the second investment, his son has a fund that
19 invests in small-cap funds, "and being a good father, I
20 will invest in my son's fund." That's passive and --

21 (Laughter.)

22 He didn't say he did well with his son's
23 fund. He did not say that, he said he was a good
24 father.

25 (Laughter.)

1 MR. McKENZIE: Mr. Chairman, we don't want
2 to leave one stone unturned. You asked how much of our
3 4 trillion dollars is invested in DB versus DC. Of the
4 4 trillion, 1.9 trillion is in DB, and 500 billion is in
5 DC. The rest of the assets -- 500 billion DC, 1.9
6 trillion DB -- the rest of the 4 trillion is in high
7 shares, retail family offices, high net worth
8 endowments, et cetera.

9 CHAIRPERSON AARONSON: So just talking about
10 basic DB and DC, four times as much money in DB --

11 MR. McKENZIE: In DB's than in DC, and thus
12 DC, with all the problems you all know about, is a
13 growth business.

14 CHAIRPERSON AARONSON: Thank you very much.

15 MR. McKENZIE: You are very welcome.

16 CHAIRPERSON AARONSON: Anybody else with a
17 question?

18 (No response.)

19 Thank you guys.

20 Let's take a 10-minute break.

21 (The guests from BlackRock left the room.)

22 (Recess taken.)

23 CHAIRPERSON AARONSON: Thank you for coming
24 back promptly from break.

25 I believe that that finishes the QPP portion

1 of the public meeting.

2 MS. HINGORANI: That's correct.

3 CHAIRPERSON AARONSON: So we are now ready
4 for the QPQ** portion of the variable funds, the public
5 funds.

6 MR. FULVIO: Happy new year, everyone.

7 CHAIRPERSON AARONSON: Happy New Year,
8 Michael.

9 MR. FULVIO: We'll start with the
10 diversified equity performance report for November. You
11 will see it on top there. You can see on the bottom of
12 this first page that the diversified equity fund at the
13 end of November was 11.3 billion dollars, up from around
14 11.1 billion at the end of October.

15 Seema has already commented about the
16 positive U.S. Equity markets during the month of
17 November, so that's a good part of that increase there.

18 You can see, if you flip ahead to the middle
19 of page 3, the total fund, monthly return for the total
20 fund was 2.4 percent. That's slightly behind the
21 Russell 3000, that's the broad U.S. Equity market there.
22 However, the total fund returns were in line with the
23 hybrid benchmark, which also returned about 2.4 percent.
24 So just in terms of the performance for the month, the
25 total fund led the U.S. equity market, due in part --

1 you can see above there -- to the international equity
2 exposure, which for the month was about a positive by 70
3 basis points. So some of that lagging there, relative
4 to the U.S. market, is in part for the relative under
5 performance to the U.S. equity market.

6 You can flip back again, on page 2, you will
7 see towards the top of the page, the defensive strategy
8 composite was up about 1.6 percent again. That also
9 lagged the broad U.S. equity market. So those two sort
10 of played into the track relative to the broad U.S., but
11 what you could see further down on the page, the active
12 domestic manager composite was up about 3.2 percent, so
13 active management helping a little bit for the month.

14 For the year-to-date, that active manager
15 composite was up 31.3 percent relative to the Russell
16 3000's return for the year-to-date of about 30 percent.
17 So active management doing well for you for the first 11
18 months of 2013.

19 For the total fund, back on page 3, the
20 total fund was up about 27 percent for the year-to-date,
21 and that's more in line with the hybrid benchmark but
22 slightly behind the Russell 3000.

23 Are there any questions on Variable A?

24 (No response.)

25 The next report, Variable B, total fund

1 assets were about 360 million dollars at the end of
2 November. For the month returns were positive for about
3 15 basis points; that's a few basis points behind the
4 benchmark. Year-to-date through November, the fund was
5 up about 43 basis points; again, that lagged the
6 benchmark by about 20 basis points. So that's Variable
7 B. Any questions there?

8 (No response.)

9 Flip ahead to CD&E. Variable C, the
10 international equity fund on the top left, you see the
11 assets there were about 97 million dollars. For the
12 month the fund returned positive 63 basis points behind
13 the CP**; it returned about 80 basis points.
14 Year-to-date that fund is up about 18.9 percent, because
15 you might remember the non-U.S. markets still lagging
16 the U.S. markets but still a strong return there. That
17 18.9 percent was trailing the CP for the year-to-date
18 period.

19 The inflation protection fund, Variable D,
20 assets at the end of November were about 36.7 million
21 dollars. The fund for the month was down about 90 basis
22 points. This trails the TIPS benchmark, you can see on
23 the page, by about 40 basis points. And also trails the
24 CPI return. Year-to-date, the inflation protection fund
25 was up about 60 basis points. That also trails the TIPS

1 benchmark which, over a shorter time period, you would
2 expect to see some volatility relative to how those two
3 performed next to each other; however, there is some
4 deviation here as well from CPI, plus 5 percent as well.

5 One thing that we should point out is that
6 these benchmarks, you know, we would expect over a
7 longer term time period to do a better job of
8 benchmarking this particular strategy.

9 If you could look at the five-year number,
10 for instance, that fund is up about 11 percent over the
11 last five years, and that compares quite favorably. You
12 can see the TIPS benchmark was up about 6 percent over
13 that time period and the CPI plus 5 percent benchmark,
14 up about 7 percent. So still pretty strong relative
15 returns when you compare it to a longer-term time
16 period.

17 The socially responsive equity fund,
18 Variable E, about 60 million dollars in assets at the
19 end of November. For the month, the fund was up over 2
20 percent, but lagged the S&P 500 return, which was about
21 3 percent. That said, year-to-date has been very strong
22 for this fund. This fund has returned 34 percent
23 relative to the broad U.S. equity market which returned
24 about 29 percent. So the fund's returns are strong.

25 Are there any questions?

1 MS. BEYER: Yes, I have one: On the
2 inflation protection fund, Variable D, do you have any
3 concerns about outflows from the PIMCO having any impact
4 here for the participants?

5 MR. FULVIO: Outflows from PIMCO?

6 MS. BEYER: Yes, for all assets.

7 MR. FULVIO: No.

8 MS. BEYER: There were some stories in the
9 news about how people were bailing because Bill Gross
10 had said something that turned out not to be true or
11 something like that.

12 MR. KATZ: It wasn't in that fund.

13 CHAIRPERSON AARONSON: It was a different
14 fund.

15 MR. KATZMAN: It was Stocks Plus.

16 MS. BEYER: Thank you.

17 MR. FULVIO: We could flip ahead to the
18 preliminary benchmark report for December. Seema
19 already touched upon a lot of these numbers.

20 I want to point out one particular line
21 item. A few lines down, the diversified equity fund's
22 hybrid benchmark for the month of December was up about
23 2.3 percent, and I think we would expect, based on the
24 construction of this benchmark, a return of the
25 diversified equity fund which is pretty close to that,

1 so another positive month. That would bring the
2 calendar year-to-date return to around 30 percent for
3 the diversified equity fund. So, a strong year there.

4 The bond fund we expected to have been down
5 about 40 basis points in December. The international
6 equity fund, the BP market has been up about 1-and-a-
7 half percent, which would bring the one-year return to
8 about 23.3 percent.

9 The PIMCO all asset fund, the month is about
10 flat. See how that compares to TIPS benchmark as well,
11 they're outperforming, so there's deviation on a month-
12 to-month basis. And the single mutual fund that makes
13 up the socially responsive equity fund there, is up
14 about 2.7 percent, so again, outperforming the market in
15 December.

16 CHAIRPERSON AARONSON: Any questions?

17 (No response.)

18 Any other items?

19 MR. FULVIO: No.

20 CHAIRPERSON AARONSON: Then, are we ready to
21 move into executive session.

22 MS. MARCH: I move, pursuant to Public
23 Officer Law 105, we go into executive session to discuss
24 a proposed acquisition sale or changes in securities
25 held by the Teachers' Retirement System and to discuss

1 proposed pending or current litigation.

2 CHAIRPERSON AARONSON: Do I hear a second?

3 MR. HOLT: Second.

4 CHAIRPERSON AARONSON: Is there any
5 discussion?

6 (No response.)

7 All in favor?

8 (A chorus of "Ayes.")

9 Any opposed?

10 (No response.

11 The Ayes carry.

12 (Whereupon, the meeting continued in
13 executive session.)

14 CHAIRPERSON AARONSON: We are now in
15 executive session.

1 CHAIRPERSON AARONSON: We are now out of
2 executive session. We would like a report on what we
3 did in executive session.

4 MS. STANG: Great. In the executive session
5 there was a variable fund and a manager update was
6 presented.

7 And in executive section of the pension fund
8 an asset class/contract update was presented.

9 CHAIRPERSON AARONSON: Does anybody have any
10 comments about that?

11 That concludes all of our business.

12 Can I have a motion to adjourn?

13 MS. MARCH: So moved.

14 MS. BEYER: Second.

15 CHAIRPERSON AARONSON: Any discussion?

16 All in favor say "Aye."

17 (A chorus of "Ayes.")

18 Any opposed?

19 (No response.)

20 We are adjourned.

21 (Time noted: 12:00 p.m.)

C E R T I F I C A T I O N

I, Jeffrey Shapiro, a Shorthand Reporter and
Notary Public, within and for the State of New York, do
hereby certify that I reported the proceedings in the
within-entitled matter, on January 9, 2014, at 55 Water
Street, New York, New York, and that this is an accurate
transcription of what transpired at that time and place.

IN WITNESS WHEREOF, I have hereunto set my hand
this 19th day of January, 2014.



Jeffrey Shapiro, Reporter