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                         Proceedings
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 4
         NEW YORK CITY TEACHERS' RETIREMENT SYSTEM
 5
                     INVESTMENT MEETING
 6
 7
    Held on Thursday, December 6, 2018, at 55 Water
 9
    Street, New York, New York
10
11
   ATTENDEES:
12
     JOHN ADLER, Chairman, Trustee
13
      THOMAS BROWN, Trustee
14
     DEBRA PENNY, Trustee
15
     SUSANNAH VICKERS, Trustee, Comptroller's Office
    DAVID KAZANSKY, Trustee
PATRICIA REILLY, Teachers' Retirement System
16
17
18
     JOHN DORSA, Comptroller's Office
19
20
    REPORTED BY:
21
   YAFFA KAPLAN
    JOB NO. 2467228
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0002
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                         Proceedings
   ATTENDEES (Continued):
 3
     SUSAN STANG, Teachers' Retirement System
      RON SWINGLE, Teachers' Retirement System
 5
     ROBIN PELLISH, Rocaton
     MICHAEL FULVIO, Rocaton
 7
     DAVID PALKOVIC, Rocaton
      THAD McTIGUE, Teachers' Retirement System
 8
9
      VALERIE BUDZIK, Teachers' Retirement System
     LIZ SANCHEZ, Teachers' Retirement System
10
      SHERRY CHAN, Office of the Actuary
11
      DAVID LEVINE, Groom Law Group
12
13
     CYNTHIA COLLINS, Mayor's Office
14
     SUMANTE RAY, Mayor's Office
     ANTONIO RODRIGUEZ, BERS
15
      JOHN MERSEBURG, Comptroller's Office
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           MR. ADLER: Okay, good morning.
     morning, everyone. Welcome to the Teachers'
 4
     Retirement Investment Meeting for December 6,
 5
     2018.
 6
           Patricia, will you please call the roll.
 7
           MS. REILLY: Yes.
 8
           John Adler?
 9
           MR. ADLER: Present.
10
           MS. REILLY: Thomas Brown?
11
           MR. BROWN: Here.
12
           MS. REILLY: David Kazansky?
13
           MR. KAZANSKY: Present.
14
           MS. REILLY: Lindsey Oates?
15
           Debra Penny?
16
           MS. PENNY: Here.
17
           MS. REILLY: Susannah Vickers?
18
           MS. VICKERS: Here.
19
           MS. REILLY: We have a quorum.
20
           MR. ADLER: Thank you, Patricia.
21
           Before we move into the agenda, there
22
     has been a request to add an item to the
23
     agenda which would be the common investment
24
     meeting extension resolution. We would do
25
     that at the end of the public session after we
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     come out of executive session. Any objections
 3
     to adding that to the agenda? Okay, seeing
 4
     none, that's unanimous consent. So we will
 5
     add that item to the agenda.
 6
           And with that, I will turn the meeting
 7
     over to Rocaton for the performance report.
 8
           MR. FULVIO: Good morning.
 9
           MR. ADLER: Good morning, Michael.
10
           MR. FULVIO: So we circulated in advance
11
     the quarterly performance report for the third
12
     quarter of 2018, calendar year 2018. We have
     already reviewed this performance at prior
13
14
     meetings and because the report was circulated
15
     ahead of time, maybe I will just cite it on
16
     very high level again how the Passport Funds
17
     did, but I am not going to go through the
18
     report in detail. Happy to answer any
19
     questions that come up.
20
           At the end of the third quarter, the
21
     Diversified Equity Fund was about 16.2 billion
22
     in assets. The performance for the calendar
23
     year to date was about -- was positive return
24
     7.3 percent. For the fiscal year to date,
25
     that being one quarter, the fund was up 5.5
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    percent. And relative to the hybrid benchmark
     for those time periods, the fund was roughly
     in line or slightly behind its hybrid
     benchmark. In that time period, the broad
 5
 6
     U.S. equity market was up about 7 percent for
 7
     the third quarter. And for the calendar year
     to date through the third quarter, the U.S.
 8
 9
     equity market was up about 10-1/2 percent.
10
           MS. VICKERS: On our sheet it says that
11
     all of those --
12
           MR. FULVIO: I'm sorry, I am focused on
13
     the quarterly performance. And I should have
14
     noted I am on page 21 of that report, which is
15
     just behind Tab 5.
           MS. STANG: How much things change.
16
17
           MR. FULVIO: We will talk about how
18
     things have changed since then.
19
           MR. KAZANSKY: Do we have to?
20
           MR. FULVIO: Unfortunately.
21
           So what really drove the performance for
22
     the fund during the first quarter of the
23
     fiscal year, third quarter of the calendar
24
     year was really strong performance by U.S.
25
     equity markets. As I noted earlier, up about
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     7 percent during that time period. Non-U.S.
 3
     markets were -- had a modest positive return
 4
     of about 1-1/2 percent. Even though the
 5
     defensive strategies composite did not keep up
 б
     as we would expect with the broad U.S. equity
     markets, it did return about 3.8 percent to
 7
 8
     capture about 54 percent of the U.S.
 9
     upmarket. You will recall that that includes
10
     other diversifying asset classes to help with
11
     that downside protection that we did see a
12
     little bit of in October. And with respect to
13
     active management, as a whole active
14
     management had a modest -- modestly detracted
15
     from the relative returns of this fund.
16
     about 25 basis points of the relative
17
     performance in terms of how active management
18
     impacted the fund through the quarter.
19
           So I will pause there and if there is no
20
     question, I will go into the other funds.
21
           MR. ADLER: Any questions on the equity
22
     fund?
23
           MR. FULVIO: The balanced fund ended the
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quarter with assets of about \$386 million.

For the quarter that fund was up about 1.3

24

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2 percent. Year-to-date return was positive to the tune of about 90 basis points. That fund 4 as you will recall is implemented passively, 5 so it generally tracks the 70/30 stock to bond 6 benchmark. The International Equity Fund with 7 assets of \$159 million, that fund was down 8 about 1.65 percent calendar year to date 9 through the end of the third quarter and for 10 the first quarter. The fiscal year it was up 11 about 1.4 percent. The Inflation Protection Fund with assets of about \$65 million, that 12 13 fund had flat return for the third quarter of 14 2018 and for the calendar year to date that 15 fund is up about 1.3 percent ahead of its custom benchmark. And the Socially Responsive 16 17 Equity Fund with assets of about \$215 million, 18 that fund was up about 9 percent and it lagged 19 the S&P by about a percent and a half. 20

So if there is no questions on the third quarter, we can spend a little bit more time talking about what happened since.

Okay, so now we will flip to the October report. As we talked about at the last meeting, October was a particularly tough

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2 month for the markets. Think of it as 3 essentially erasing the positive returns in 4 the prior three months that we just talked 5 about. So the U.S. equity market was down б about 7.4 percent and the Diversified Equity 7 Fund performed roughly in line with the U.S. equity market as well as its hybrid benchmark, 8 9 which was also down about 7.4 percent. 10 brought to the calendar year-to-date return of 11 the Diversified Equity Fund to negative .67 12 percent and that compared to the broad U.S. 13 equity market of about 2.4 percent. What we 14 did see during the month, which was I guess on 15 some respects reassuring, was that the 16 defensive strategies composite did what it was 17 supposed to do. So even though it was down 18 about 5.3 percent, it only captured about 70 19 percent of the down-market that we saw in the 20 You know, what helped with that was the 21 lower volatility equity strategies in that 22 composite, the allocation to convertibles, as 23 well as some of the more diversified tactical 24 asset allocation markets that allocate across

capital markets. With respect to the

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     actively-managed U.S. and international equity
     composites there we saw some relative
 4
     underperformance on the U.S. side, but some
 5
     relative outperformance on the international
 6
     equity side. And all told, as I mentioned
 7
     earlier, that fund was performed roughly in
 8
     line with its benchmarks for the month.
9
           One thing I did note when I was
10
     commenting about the September assets we
11
     talked about is the Diversified Equity Fund at
12
     the end of the quarter had about $16.2
13
     billion. At the end of the month that was
14
     about 14.9 billion, so again significant
15
     market impact that you get when the market is
16
     down 7 percent.
17
           MR. ADLER: Can I ask a question?
18
           MR. FULVIO: Sure.
19
           MR. ADLER: So the -- I get that the
20
     defensive strategies, you know, outperformed
21
     the Russell 3000 for the three months by about
22
     20 basis points. And for the, you know, month
23
     of October, terrible month by about 200 basis
24
     points. Yet when we look at it compared to
25
     the Russell 3000 Index, the overall
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    Diversified Equity Fund, it was either the
 3
     equivalent to the index for the quarter it
 4
     was, you know, down about 120 basis points.
 5
     Actively managed, you know, substantially
     underperformed in both of those periods.
 6
 7
     International is essentially in line with the
     international. I am just trying to figure
 8
          So we have this whole defensive
 9
10
     composite and it's specifically there for, you
11
     know, periods like this, but -- and so you
12
     would think that then that overall we would
13
     outperform in a negative market, but we
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didn't. Can you -
MS. PELLISH: So the defensive composite is only 10 percent of the fund and it's still. When we designed the defensive composite -- and there is no reason you should recall this, but when we have had discussions with the board we designed the defensive composite to have a beta of .8 so that we have some participation on the way up.

MR. ADLER: Just increased that last

MS. PELLISH: Yes. Yes. So there is -

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     there is only a modest opportunity to shelter
     the total fund from down equity markets.
 4
     Again because it's 10 percent, we have an
 5
     equity beta of .8. The only way to actually
 6
     significantly mitigate the risk protect the
 7
     fund against the risk of a significant market
 8
     downturn is to do something that has -- has
 9
     much less beta. And so this goes back to the
10
     pension fund discussions, long treasurer
11
     bonds.
12
           MR. ADLER: Right, I understand.
13
           MS. PELLISH: And then you run the risk
14
     of significantly lagging on the way up.
15
           MR. ADLER: I get that. And maybe this
16
     is, you know, a concern that given that we are
17
     really still in the midst of this long bull
18
     market, we haven't yet -- we are close I
19
     think, but we haven't yet exited it is what I
20
     would say especially, you know, anyway. Maybe
21
    now we have in December, but whatever.
22
     look at the performance across time periods,
23
     we consistently underperform the index. You
24
     know, in each of the -- or the benchmark, you
25
     know, and so the question I had -- and this is
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     all net, right, net of fees?
 3
           MS. PELLISH: Absolutely.
                                     So can I just
 4
     jump in?
 5
           MR. ADLER: Yes, please. You know where
 6
     I am going.
 7
           MS. PELLISH: I do know where you are
 8
     going and I think that's obviously a
 9
     legitimate question.
10
           We have a discussion in the executive
11
     agenda of today regarding the Passport options
12
     and I think that discussion will touch on one
13
     of the points you are raising.
14
           MR. ADLER: Beautiful. Okay, fantastic.
15
     Thank you.
16
           Anything else on the month of October?
17
     Let's just put that in the rearview mirror.
18
           Okay, you want to review November?
19
           MR. FULVIO: So November was a positive
20
     month across markets with a couple of
21
     exceptions. In the U.S., the Russell 3000 was
22
     up about 2 percent bringing the calendar
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year-to-date return back up to 4-1/2 percent

has been a little bit more rocky and the

through end the November. Since then December

23

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    market has been down today. As a whole, the
 2
     S&P is probably still up about 1 percent year
 4
     to date. The international composite
 5
     benchmark when you roll that up, that was
 6
     actually also modestly flat to slightly
 7
     positive for the month of November. What's
     going on behind the scenes there, EM actually
 8
 9
     drove up the return there and supported that
10
          The custom benchmark there was up about 3
11
    percent during November, even though developed
12
     markets were modestly negative in both large
13
     cap and a little bit more negative in small
14
          The small-cap portion of the developed
     cap.
15
     markets was down about 80 basis points. And
16
     as far as the defensive strategies benchmark,
17
     that was up about 1.5 percent for the year.
18
     So the Diversified Equity Fund hybrid
19
    benchmark all told was up about 1.6 percent.
    The balanced fund benchmark was up about 70
20
21
    basis points, the underlying strategy for the
22
     Inflation Protection Fund had a flat month,
23
     and the underlying strategy for the Socially
24
     Responsive Equity Fund added about 150 over
25
     its benchmark.
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           MR. ADLER: Okay, any questions about
 3
     November?
 4
           MR. FULVIO: David is going to hand out
 5
     the handout for the discussion of the CIM
 6
     resolution.
 7
           MR. ADLER: We are going to do that
 8
     after.
9
           MR. FULVIO: Okay. So I think that's
10
     all for the public agenda for now, yes.
11
           MR. ADLER: Okay. So with that, a
12
     motion to exit public session and enter
13
     executive session would be in order.
                                           Is there
14
     such a motion?
15
           MS. VICKERS: So moved pursuant to
16
     Public Officers Law 105.
17
           MR. ADLER: Thank you. Is there a
18
     second?
19
           MS. PENNY:
                       Second.
20
           MR. ADLER:
                      Thank you.
21
           Any discussion? All in favor of the
22
     motion to enter public session and enter
23
     executive session, please say aye. Aye.
24
           MS. VICKERS: Aye.
25
           MS. PENNY: Aye.
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           MR. BROWN:
 2
                      Aye.
           MR. KAZANSKY: Aye.
 4
           MR. ADLER: All opposed, please say nay.
 5
     Any abstentions? Motion carries. Okay, we
 6
     are off.
 7
     (Whereupon, the meeting went into Executive Session.)
           MR. ADLER: We have a motion made and
 8
     seconded to exit executive session and return
 9
10
     to public session. Any discussion? All in
11
     favor of the motion, please say aye. Aye.
12
           MS. VICKERS: Aye.
13
           MS. PENNY:
                      Aye.
14
           MR. BROWN:
                      Aye.
15
           MR. KAZANSKY: Aye.
16
           MR. ADLER: All opposed, please say nay.
17
     Any abstentions? Motion carries.
18
           Okay, we are back in public section.
19
     Susan, would you report out of executive
20
     session, please?
21
           MS. STANG:
                       Great.
22
           In executive session there was a
     discussion about portfolio of options in the
23
24
     Passport Funds. Consensus was reached which
25
     will be announced at the appropriate time.
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    There was a presentation on certain passive
 3
     investment strategies. There was a discussion
 4
     of corporate developments to a service
 5
     provider. There was a follow-up discussion on
 б
     small allocation within the TRS pension fund
 7
     and an administrative matter was discussed.
           MR. ADLER: Thank you very much.
 8
9
           We have one resolution to consider here
10
     regarding extension of participation in the
11
     common investment meeting. Pat, will you read
12
     it?
13
           MR. KAZANSKY: Please skip to the
     "Resolved."
14
15
           MS. REILLY: "Resolved: The Teacher
16
     Retirement board extends for a one-year period
     its participation in the common investment
17
     meeting as described and subject to the
18
19
     conditions of the board's 2015 and 2016 CIM
20
     resolutions; And be it further resolved;
21
    nothing in this resolution shall abrogate any
22
     rights or waive any responsibilities reserved
23
     to the board of trustees under applicable
24
     law."
2.5
           MR. ADLER: Thank you.
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           Is there a motion to approve this
    resolution?
          MR. BROWN: So moved.
 5
          MR. ADLER: Is there a second?
 6
          MS. PENNY: Second.
 7
          MR. ADLER: Thank you.
          Any discussion? All in favor of the
 8
     resolution to extend our participation in the
 9
10
     common investment meeting, please say aye.
11
     Aye.
12
          MS. VICKERS: Aye.
13
          MS. PENNY: Aye.
14
          MR. BROWN: Aye.
15
          MR. KAZANSKY: Aye.
          MR. ADLER: All opposed, please say nay.
16
    Any abstentions? Motion carries.
17
18
           I believe that concludes our business
19
     for today. Is there a motion to adjourn?
20
          MS. VICKERS: So moved.
          MR. ADLER: Is there a second?
21
22
          MR. KAZANSKY: Second.
23
          MR. ADLER: Thank you.
24
           Any discussion? All in favor of the
25
    motion to adjourn, please say aye. Aye.
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          MS. VICKERS: Aye.
          MS. PENNY: Aye.
 3
          MR. BROWN: Aye.
 5
          MR. KAZANSKY: Aye.
 6
          MR. ADLER: It's unanimous, the motion
 7
     carries. The meeting is adjourned. Thank
 8
    you.
 9
           [Time noted: 1:49 p.m.]
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0019	
1	Proceedings
2	CERTIFICATE
3	STATE OF NEW YORK )
4	: ss.
5	COUNTY OF QUEENS )
6	
7	I, YAFFA KAPLAN, a Notary Public
8	within and for the State of New York, do
9	hereby certify that the foregoing record of
10	proceedings is a full and correct
11	transcript of the stenographic notes taken
12	by me therein.
13	IN WITNESS WHEREOF, I have hereunto
14	set my hand this 17th day of December,
15	2018.
16	
17	
18	YAFFA KAPLAN
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