TEACHERS' RETIREMENT BOARD MEETING - - - - - - - - - - - X HELD AT: 55 WATER STREET NEW YORK, NEW YORK MAY 20, 2010 3:35 P.M. TO 3:52 P.M. 19 BEFORE: MELVYN AARONSON, ACTING CHAIRMAN REPORTED BY: LIZ SANCHEZ-PAZ EXECUTIVE ASSISTANT TO NELSON SERRANO

2 APPEARANCES: 3 TRS: 4 NELSON SERRANO, Executive Director 5 б MELVYN AARONSON, Teachers' Trustee MONA ROMAIN, Teachers' Trustee 7 8 COMPTROLLER'S OFFICE: 9 THAD McTIGUE, Trustee 10 CORPORATION COUNSEL: 11 KAREN SEEMEN, Law Department 12 13 OFFICE OF THE ACTUARY: 14 ROBERT C. NORTH JR., Chief Actuary 15 MAYOR'S APPOINTEE: 16 BUD LARSON, Trustee 17 DIANE BRATCHER, Alternate Trustee 18 PANEL FOR EDUCATIONAL POLICIES: 19 TINO HERNANDEZ, Trustee 20 DEPARTMENT OF EDUCATION: 21 22 KATHLEEN GRIMM 23 24 25

2	TRS STAFF:
3	ROBERT BETHELMY CARMELA CRIVELLI
4	VIRGINIA LEE
5	RENEE PEARCE PAUL RAUCCI
6	PATRICIA REILLY ROBERT SANTANGELO
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8	OTHER ATTENDEES:
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1	TRS Regular Board Meeting, MAY 20, 2010
2	PROCEEDINGS
3	MR. SERRANO: Good afternoon. We will begin the
4	May 20, 2010 regular meeting of the Teachers' Retirement
5	Board by calling the roll.
6	MR. SERRANO: Melvyn Aaronson?
7	MR. AARONSON: Here.
8	MR. SERRANO: Kathleen Grimm?
9	MS. GRIMM: Here.
10	MR. SERRANO: Tino Hernandez?
11	MR. HERNANDEZ: Here.
12	MR. SERRANO: Bud Larson?
13	MR. LARSON: Here.
14	MR. SERRANO: Thad McTigue representing the Comptroller?
15	MR. McTIGUE: Here.
16	MR. SERRANO: Sandra March? Please note that Ms. March
17	is not present today because she is ill. She called us to
18	let us know she would not be attending. Mona Romain?
19	MS. ROMAIN: Present.
20	MR. SERRANO: We certainly have a quorum but we need to
21	elect an Acting Chairperson.
22	MR. LARSON: I nominate Mel Aaronson.
23	MR. SERRANO: Second?
24	MR. HERNANDEZ: Second.
25	MR. SERRANO: Any opposed? Any abstentions? Hearing

5 1 TRS Regular Board Meeting, MAY 20, 2010 2 none, we will continue with the Agenda. The next item 3 on the Agenda is Updates on TRS Operations that will be 4 provided to us by Patricia Reilly. MS. REILLY: TRS mailed TDA Enrollment materials to 5 6 approximately 5,000 member who joined TRS during the 2009 -7 2010 school year but have not joined the TDA Program. TRS also mailed out the TDA Beneficiary Statements for 8 9 the first quarter of 2010 on May 10th, to an estimated 10 population of 418 beneficiaries. On May 12th, TRS completed a mailing of the TDA Deferred 11 Statements for the first quarter of 2010 to a population of 12 38,392 members. 13 We are also glad to mention that TRS kicked off a BETA 14 test of its new improved website on May 17, 2010. The BETA 15 test is expected to end on June 11th and barring any 16 unforeseen problems, we intend to go live with our new 17 website on June 22nd. 18 TRS successfully conducted a Business Continuity Test 19 on May 18th and 19th at an off-site trailer stationed in 20 21 Woodbury, Long Island. This year, the Business Continuity team replicated a real disaster scenario and executed all the 22 23 procedures and steps outlined in our business recovery plan. 24 The test was a surprise test, giving staff 48 hours to 25 mobilize. Our IT staff successfully configured the trailer

1 TRS Regular Board Meeting, MAY 20, 2010 2 with the required PC equipment and satellite connections. 3 30 of our staff members went to the trailer in Woodbury and 4 they conducted business as usual. There were some technical 5 difficulties that the IT team faced which they were able to 6 overcome, which once again, demonstrated their capabilities. 7 This test built a confidence within the IT and Business 8 teams, demonstrating that we are prepared in the event that 9 some unforeseen scenario occurs.

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MR. SERRANO: I was there and I must say that it was
very professional. I walked away with a great sense of
confidence. Thank you for the update Patricia.

Our next item on the Agenda is the Executive Director's Report. The first item is the Next Meeting. It has been suggested that the next regular meeting of the Teachers' Retirement Board be held on the third Thursday of the month, June 17, 2010. The next item is the Election of a Chairperson. This resolution has been laid over since May 2009.

MS. ROMAIN: Lay it over.
MR. SERRANO: The third resolution concerns the Request
for the Retirement Board to Adopt the Actuary's
Recommendation for Final Fiscal Year 2010 Employer
Contributions to the New York City Teachers' Retirement
System.

7 1 TRS Regular Board Meeting, MAY 20, 2010 2 MS. ROMAIN: Move to the Resolved. 3 MR. SERRANO: Resolved, that the Employer Contributions 4 to the New York City Teachers' Retirement System for Fiscal 5 Year 2010 be updated from \$2,442,701,399 to \$2,484,073,500 б and such revision is hereby approved by the Retirement Board. 7 MS. ROMAIN: So moved. 8 MS. GRIMM: Second. 9 MR. AARONSON: All those in favor please say aye. 10 (Whereupon all those present so indicated.) MR. AARONSON: Any opposed? Any abstentions? Hearing 11 none, we will continue. 12 MR. SERRANO: The fourth item is the resolution 13 regarding the Request for the Retirement Board to Adopt the 14 15 Actuary's Recommendation for a Preliminary Fiscal Year 2011 Employer Contributions to the New York City Teachers' 16 17 Retirement System. MS. ROMAIN: We ask that you lay that over. 18 19 MR. SERRANO: The fifth item concerns the Request for 20 the Retirement Board to Adopt the Actuary's Recommendation 21 Regarding the Tier III/IV Loan Insurance Premium Rate for 22 Fiscal Year 2011. 23 MS. ROMAIN: Move to the Resolved. 24 MR. SERRANO: Resolved, that the Retirement Board hereby 25 adopts the recommendation of the Actuary as stated in his

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1	TRS Regular Board Meeting, MAY 20, 2010
2	Report dated May 7, 2010 and stipulates the Tier III/IV
3	Loan Insurance Premium Rate be continued at its current
4	rate of .20% per annum of the outstanding loan balances
5	for any loan originating during Fiscal Year 2011 (i.e.,
б	July 1, 2010 through June 30, 2011).
7	MS. ROMAIN: So moved.
8	MR. HERNANDEZ: Second.
9	MR. AARONSON: All those in favor please say aye.
10	(Whereupon all those present so indicated.)
11	MR. AARONSON: Any opposed? Any abstentions? Hearing
12	none, we will continue.
13	MR. SERRANO: The sixth item is the Proposed
14	Administrative Budget Fiscal Year 2011. Before we get into
15	reading this resolution, I would like to give the Board a
16	brief report based on the handout I gave out. Each of you
17	should have a copy of the spreadsheet in your packet. The
18	worksheet provides a comparative analysis of Fiscal Year 2009
19	Actual Expenditures, which is the first column of numbers;
20	the Fiscal Year 2010, which is the current year, reprojected
21	expenditures, which is the third column of numbers; and the
22	Proposed Fiscal Year 2011 Budget, which is the subject of the
23	Board resolution which we are going to return to after this
24	brief update.
25	On May 15, 2008, the Board of Trustees of the Teachers'

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1	TRS Regular Board Meeting, MAY 20, 2010
2	Retirement System granted the authority to the Executive
3	Director or his designee to expend all necessary monies out
4	of the Proposed Administrative Budget for Fiscal Year 2009
5	in accordance wit Section 13-518 and other governing laws,
б	based on estimated fund allocation factors, which included
7	11.88% or \$6,501,592 attributable to the Variable A Annuity
8	Fund of the Qualified Pension Plan ("QPP"), 2.03% or
9	\$1,110,962 attributable to the Variable B Annuity Fund of the
10	Qualified Pension Plan ("QPP"), 17.06% or \$9,336,462
11	attributable to the Variable A Annuity Fund of the Tax-
12	Deferred Annuity Plan ("TDA"), 4.07% or \$2,227,397
13	attributable to the Variable B Annuity Fund of the Tax-
14	Deferred Annuity Plan ("TDA"), 2.39% or \$1,307,980
15	attributable to the Tier IV Loan Expense Fund, 2.38% or
16	\$1,302,508 attributable to the TDA Loan Expense Fund, and the
17	remaining 60.19% or \$32,940,307 attributable to the employer,
18	for a total approved budget of \$54,727,208.
19	The Actual operational Administrative Budget

expenditures for Fiscal Year 2009, based on finalized fund allocation factors, included 10.48% or \$5,615,666 attributable to the Variable A Annuity Fund of the QPP, 1.82% or \$975,240 attributable to the Variable B Annuity Fund of the QPP, 18.56% or \$9,945,302 attributable to the Variable A Annuity Fund of the TDA, 4.54% or \$2,432,741 attributable to

10 1 TRS Regular Board Meeting, MAY 20, 2010 the Variable B Annuity Fund of the TDA, 3.29% or \$1,762,933 2 3 attributable to the Tier IV Loan Expense Fund, 3.14% or 4 \$1,682,556 attributable to the TDA Loan Expense Fund, and the 5 remaining 58.17% or \$31,170,162 attributable to the employer, б for total Fiscal Year 2009 expenditures of \$53,584,600. 7 Returning to the Executive Director's Report, we will continue with the sixth resolution. 8 9 MS. ROMAIN: Move to the Resolved. 10 MR. SERRANO: Resolved, that the Agency Budget as proposed for the Fiscal Year 2011 as recommended by the 11 12 Budget Committee in the amount of \$53,724,813, is hereby adopted; and be it further 13 Resolved, that the Trustees hereby grant the authority 14 15 to the Executive Director or his designee to expend all 16 necessary monies out of such budget, in accordance with Section 13-518 and other governing laws. 17 MS. ROMAIN: So moved. 18 19 MR. LARSON: Second. 20 MR. AARONSON: All those in favor please say aye. 21 (Whereupon all those present so indicated.) 22 MR. AARONSON: Any opposed? Any abstentions? Before we continue, I would like to say that being part of the 23 24 Budget Committee and working with City members of the Budget 25 Committee, this was a very, very well working committee.

11 1 TRS Regular Board Meeting, MAY 20, 2010 2 We received the information we needed from the staff at the 3 Retirement System. We examined it very closely. The Office 4 of Management and Budget ("OMB") was involved in looking over 5 everything with us. It was a wonderful experience. 6 MR. SERRANO: I want to thank the Budget Committee for 7 being very attentive and asking really tough questions and 8 for helping us get to the point that we could present the

9 Budget today.
10 MS. GRIMM: I want to commend everyone for the fact that

11 there is barely an increase in the budget and I know you have 12 some increase in cost.

MR. SERRANO: Thank you. With that, we will move on to the seventh item which is the Ratification of Resolution Adopted at the April 29, 2010 Investment Meeting -Diversified Equity Fund (Variable A) and International Equity Fund (Variable C) - (AXA Rosenberg).

Pursuant to Section 10 of the By-Laws of the Teachers' Retirement System, the Teachers' Retirement Board voted to adopt the following resolution during the Finance Committee of the Teachers' Retirement Board meeting held on April 29, 2010. The Finance Committee has recommended that the resolution, as previously approved, be ratified by the Board of Trustees:

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After careful study and discussion with the firm of

12 1 TRS Regular Board Meeting, MAY 20, 2010 2 Rocaton Investment Advisors, LLC, Investment Consultant, the 3 Finance Committee of the Teachers Retirement Board has 4 recommended the following resolution for consideration and 5 adoption by the Board of Trustees: 6 MS. ROMAIN: Move to the Resolved. 7 MR. SERRANO: Resolved, that the International Equity

8 Portfolio that was under management by AXA Rosenburg shall be 9 transferred as soon as practicable for purposes of interim 10 management to a separate account to be managed by Mellon 11 Transition Management Services, Inc. following an index-like 12 approach based on MSCI EAFE; and it is further

13Resolved, that upon completion of the transfer, the14agency agreements with AXA Rosenberg will be terminated; and15it is further

16 Resolved, that the Chair, or in his absence, the 17 Executive Director, is hereby authorized and directed to 18 execute agency agreements and other such documents or 19 instruments as may be necessary to implement this resolution; 20 and it is further

21 Resolved, that the Chair, or in his absence, the 22 Executive Director, or in his absence, the Director, 23 Investment Administration, is hereby authorized and directed 24 to issue instructions and take any other action as may be 25 necessary to implement this resolution, including the 1 TRS Regular Board Meeting, MAY 20, 2010 2 transfer of any assets or funds as provided in this 3 resolution.

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4 Our eighth item concerns the Diversified Equity 5 (Variable A) and International Equity (Variable C) Funds. б After careful study and discussion with the firm of Rocaton 7 Investment Advisors, LLC, the Investment Consultant and TRS Staff, the Finance Committee of the Teachers' Retirement 8 9 Board has recommended the following resolution for consideration and adoption by the Board of Trustees: 10 MS. ROMAIN: Move to the Resolved.

12 MR. SERRANO: Resolved, that the portfolio currently under management by Goldman Sachs Asset Management shall be 13 liquidated and reallocated to provide funds to meet increased 14 15 target allocations (as set forth below) to the following 16 equity managers within the Diversified Equity Fund: Wellington, Profit, Sound Shore; Rainier; Cardinal, CRM, and 17 Shapiro, with any remaining proceeds used for other 18 19 rebalancings, benefit payments and/or reallocated to an 20 interim Russell 3000 Index portfolio managed by Mellon; and 21 be it further

22 Resolved, that upon completion of these liquidation and 23 reallocation transactions, the agency agreements with Goldman 24 Sachs Asset Management will be terminated; and be it further 25 Resolved, that the new target allocations and

1 TRS Regular Board Meeting, MAY 20, 2010 2 rebalancing ranges for the Diversified Equity Fund, including 3 the U.S. Equity Composite (comprised of the U.S. Equity Index 4 (Passive Core) Composite, Defensive Strategies Composite and 5 Active Management Composite) and the International Sector, 6 and the target allocations for each manager with each of 7 these, as a percentage of the total Diversified Equity Fund, 8 shall be set as follows: 9 U.S. Equity Index Composite (Passive Core) with a target of 50.0% and a range of 50.0-53.0% is broken down into the 10 following: Mellon Russell 3000 Index with a target of 48.5% 11 12 and a range of 47.75-52.25%; Amalgamated Bank S&P 1500 with a target of 1.5% and a range of 0.75-2.25%; Defensive 13 Strategies Composite with a target of 15% and a range of 14 15 13.0-17.0% is broken down into the following: GMO TAA with a target of 6.5%; Mellon Enhanced TAA with a target of 4.5%; 16 Advent Convertibles with a target of 1.34%; Lord Abbett 17 Convertibles with a target of 1.33% and Zazove Convertibles 18 19 with a target of 1.33%; Active Management Composite has a 20 target of 20% with a range of 16.0-24.0% is broken down into 21 the following: (Core) Interim Russell 3000 Index (Mellon) with a 3.125% target; INTECH (S&P 500) with a target of 3.00%; 22 Martingale (S&P 500) with a target of 2.25%; PIMCO (S&P 500) 23 24 with a target of 2.625%; Wellington (Russell 3000) with a

target of 2.875% and a total range of 10.875-16.875%;

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15 1 TRS Regular Board Meeting, MAY 20, 2010 2 (Large Cap Growth) Alliance Bernstein Large Cap Growth with a 3 target of 0.875%; Profit Large Cap Growth with a 0.875% target 4 and a total range of 1.25-2.25%; (Large Cap Value) Sound Shore 5 Large Cap Value with a 1.75% target and a range of 1.25-2.25%; 6 (Small/Mid Cap Growth) Rainier Small/Mid Cap Growth with a 7 target of 0.875% and a range of 0.375-1.375%; (Small/Mid Cap 8 Value) Cardinal Small Cap Value with a target of 0.584%; CRM 9 Mid Cap Value with a 0.583%; Shapiro Small Cap Value with a target of 0.583% and a total range of 1.25-2.25%; 10 International Sector has a 15% target and a range of 11 12 12.0-18.0% and is broken down into the following: (Passive/ Risk Controlled Enhanced) BlackRock Int'l Alpha Tilts with a 13 target of 7.5%; (Active) Interim Int'l Index-Like (Mellon 14 15 Transition) with a target of 2.125%; Bernstein Int'l Value Equity with a target of 2.125%; Pyramis Select Int'l Small 16 Cap Equity with a target of 1.125%; and finally Walter Scott 17 with a target of 2.125%; and be it further 18

19Resolved, that the Chair, or in his/her absence, the20Executive Director, or in his absence, the Director,21Investment Administration, is hereby authorized and directed22to negotiate, enter into and execute any agency agreements and23other documents or instruments and issue instructions and take24any other actions as may be reasonably necessary to implement25this resolution; and be it further

16 1 TRS Regular Board Meeting, MAY 20, 2010 2 Resolved, that the Chair, or in his/her absence, the 3 Executive Director, or in his absence, the Director, 4 Investment Administration, is hereby authorized and directed 5 to issue instructions and take any other action as my be б reasonably necessary to implement this resolution, including 7 without limitation issuing instructions to managers and/or 8 to Mellon Transition Management Services with respect to the 9 transfer of any assets or funds as provided in this resolution. 10 11 MS. ROMAIN: So moved. MS. GRIMM: Second. 12 MR. AARONSON: All those in favor please say aye. 13 (Whereupon all those present so indicated.) 14 15 MR. AARONSON: Any opposed? Any abstentions? Hearing none, we will continue. 16 MR. SERRANO: The final item is Attendance at Conference. 17 The following resolution is presented for consideration and 18 possible adoption: 19 20 Resolved, that the Trustees of the Teachers' Retirement 21 Board hereby approve the attendance and participation of the Executive Director and/or his designee(s) and any interested 22 Trustee at the National Association of Securities 23 Professionals ("NASP") 21st Annual Pension and Financial 24 25 Services Conference from June 16-18, 2010.

17 1 TRS Regular Board Meeting, MAY 20, 2010 MS. ROMAIN: So moved. 2 3 MR. McTIGUE: Second. 4 MR. AARONSON: All those in favor please say aye. 5 (Whereupon all those present so indicated.) б MR. AARONSON: Any opposed? Any abstentions? Hearing 7 none, we will move on. MR. SERRANO: The next item on the Agenda is the 8 9 Calendar. The first item on the Calendar is the matter of the 10 approval of the Minutes for the regular meeting held on April 22, 2010. 11 12 MS. ROMAIN: So moved. MR. LARSON: Second. 13 14 MR. AARONSON: All those in favor please say aye. 15 (Whereupon all those present so indicated.) MR. AARONSON: Any opposed? Any abstentions? Hearing 16 none, we will continue. 17 MR. SERRANO: The second item on the Calendar is the 18 19 approval of Items 1 through 17 on pages 1 through 273. MS. ROMAIN: I move the adoption of the Calendar. 20 21 MR. LARSON: Second. 22 MR. AARONSON: All those in favor please say aye. 23 (Whereupon all those present so indicated.) MR. AARONSON: Any opposed? Any abstentions? Hearing 24 25 none, we will move on.

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1	TRS Regular Board Meeting, MAY 20, 2010
2	MR. SERRANO: That concludes the Calendar. The next item
3	on the Agenda is if there is Any Other Business before the
4	Board?
5	MR. AARONSON: Does any Board Member and/ or staff have
6	anything they would like to discuss? Hearing none, do I have
7	a motion to adjourn?
8	MR. LARSON: So moved.
9	MS. ROMAIN: Second.
10	MR. AARONSON: All those in favor please say aye.
11	(Whereupon all those present so indicated.)
12	MR. AARONSON: Any opposed? Any abstentions? Hearing
13	none, the meeting is adjourned.
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