| 1 | NEW YORK CITY TEACHERS' RETIREMENT SYSTEM |
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| 2 | REGULAR BOARD MEETING |
| 3 | Held on Thursday, April 18, 2019 |
| 4 | at |
| 5 | 55 Water Street |
| 6 | New York, New York |
| 7 | |
| 8 | ATTENDEES: |
| 9 | JOHN ADLER, Chairperson, Trustee, Finance |
| 10 | PATRICIA REILLY, Executive Director, TRS |
| 11 | THADDEUS MCTIGUE, Deputy Executive Director, TRS |
| 12 | DAVID KAZANSKY, Trustee, TRS |
| 13 | THOMAS BROWN, Trustee, TRS |
| 14 | DEBRA PENNY, Trustee, TRS |
| 15 | JOHN DORSA, Trustee, Comptroller's Office |
| 16 | LINDSAY OATES, Trustee |
| 17 | VALERIE BUDZIK, TRS |
| 18 | RENEE PEARCE, TRS |
| 19 | LIZ SANCHEZ, TRS |
| 20 | SUSAN STANG, TRS |
| 21 | ROBERT BETHELMY, TRS |
| 22 | KAVITA KANWAR, TRS |
| 23 | ANNETTE HANRAHAN, TRS |
| 24 | ANTHONY MEZZACAPPA, TRS |
| 25 | ANDREW BRADFORD, TRS |

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Attendees (Cont'd)
1
    NATALIE GREEN GILES
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    CARMELA CRIVELLI, TRS
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     SHERRY CHAN, Chief Actuary
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     BRYAN BERGE, Corporation Counsel
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    MEL AARONSON, Emeritus
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| 1 | PROCEEDINGS |
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| 2 | (Time noted: 3:33 p.m.) |
| 3 | |
| 4 | CHAIRPERSON ADLER: Good afternoon. |
| 5 | Welcome to the Teachers' Retirement System |
| 6 | Board meeting of April 18, 2019. |
| 7 | Patricia, would you call the roll? |
| 8 | MS. REILLY: John Adler? |
| 9 | CHAIRPERSON ADLER: I am here. |
| 10 | MS. REILLY: Thomas Brown? |
| 11 | MR. BROWN: Present. |
| 12 | MS. REILLY: Natalie Green Giles. |
| 13 | MS. GREEN GILES: Here. |
| 14 | MS. REILLY: David Kazansky? |
| 15 | MR. KAZANSKY: Present. |
| 16 | MS. REILLY: Lindsay Oates? |
| 17 | (No response.) |
| 18 | Debra Penny? |
| 19 | MS. PENNY: Present. |
| 20 | MS. REILLY: Susannah Vickers? |
| 21 | MS. VICKERS: Here. |
| 22 | MS. REILLY: We have a quorum. |
| 23 | CHAIRPERSON ADLER: Thank you. |
| 24 | Take us away, please. |
| 25 | MS. REILLY: First on the agenda is |

| 1 | an update from TRS operations from Kavita |
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| 2 | Kanwar. |
| 3 | MS. KANWAR: Earlier this month TRS |
| 4 | continued its ongoing campaign to |
| 5 | encourage participation in the tax |
| 6 | deferred annuity program. We sent an |
| 7 | e-mail blast to over 5,100 new members who |
| 8 | have not yet enrolled in TDA. |
| 9 | We also e-mailed over 4,000 members who |
| 10 | have recently reached ten years of |
| 11 | membership with TRS, encouraging them to |
| 12 | increase their participation in TDA. Our |
| 13 | campaign will continue during the spring |
| 14 | on our website and social media. |
| 15 | April marks the unofficial beginning of |
| 16 | retirement filing season. So far we have |
| 17 | already received 48 applications for July |
| 18 | 1 retirement. Next week, when the schools |
| 19 | are on spring recess, we expect a |
| 20 | significant increase in filings plus calls |
| 21 | and visits to our member services center. |
| 22 | Preparations are underway to produce |
| 23 | the member account statements for the |
| 24 | first quarter of 2019. Statements will be |
| 25 | available for online viewing around May 6 |

| 1 | for over 126,000 members who are currently |
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| 2 | in service or on leave. Also in May, TDA |
| 3 | quarterly statements will be available for |
| 4 | viewing for approximately 55,000 members |
| 5 | with a TDA account. |
| 6 | And finally, the TDA quarterly |
| 7 | statements for TDA beneficiary |
| 8 | participants will be mailed to a |
| 9 | population of approximately 1,000 at the |
| 10 | end of April. |
| 11 | TRS will implement the next phase of |
| 12 | our modernization program during the first |
| 13 | weekend in May. Highlights include a new |
| 14 | online process for death benefits claims |
| 15 | and online statements options, such as |
| 16 | E-check and credit cards for members who |
| 17 | are making payments to TRS. |
| 18 | Due to this major system upgrade, there |
| 19 | will service interruptions between May 2 |
| 20 | and May 5. Details will be posted on our |
| 21 | website and social media starting next |
| 22 | week. We are excited about the upcoming |
| 23 | service enhancements for our members and |
| 24 | their beneficiaries. |
| 25 | Thank you. |

| 1 | MS. REILLY: Thank you. |
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| 2 | CHAIRPERSON ADLER: Thank you. |
| 3 | MS. REILLY: Next is a report from |
| 4 | the Actuary. |
| 5 | MS. CHAN: The first item my agenda |
| 6 | is the preliminary fiscal year 2020 |
| 7 | employer contribution. So for the |
| 8 | preliminary amounts, it is \$3.73 billion, |
| 9 | approximately. It does represent an |
| 10 | increase of approximately \$39 million from |
| 11 | 19, and employer contributions. |
| 12 | Part of that had to do with the new |
| 13 | assumptions methods that were adopted |
| 14 | earlier this year. |
| 15 | And then it was also set with other |
| 16 | gain/losses asset gains that earlier in |
| 17 | fiscal year '18 the TRS fund was about |
| 18 | 12.8 percent in the returns, so there was |
| 19 | an asset gain that added to it, as well as |
| 20 | demographic changes that offset it the |
| 21 | other way. |
| 22 | CHAIRPERSON ADLER: Any questions for |
| 23 | Sherry about the preliminary 2020 employer |
| 24 | contribution? |
| 25 | (No response.) |

| 1 | You can proceed. Then we'll vote on |
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| 2 | the resolution. |
| 3 | MS. CHAN: So, the fiscal note season |
| 4 | has started. I think the first was |
| 5 | presented last month. Last week there was |
| 6 | another fiscal note issued for a picture |
| 7 | bill for Cynthia Falletta, who is a Tier 4 |
| 8 | retiree. And she retired on October 18, |
| 9 | 2012. But she felt that should be able to |
| 10 | purchase her service from when she was a |
| 11 | college assistant with CUNY in 1972. That |
| 12 | would put her in Tier 1. |
| 13 | If this bill passed, her annual benefit |
| 14 | would increase from \$48,000 to \$65,000 a |
| 15 | year. On a present value basis, that |
| 16 | amounts to \$300,000 total. And because |
| 17 | she is a retiree, this would be funded all |
| 18 | at one time; so all \$300,000 would be put |
| 19 | in the first year, would not be amortized. |
| 20 | CHAIRPERSON ADLER: Questions for |
| 21 | Sherry about that fiscal note? |
| 22 | (No response.) |
| 23 | MS. CHAN: The last agenda item had |
| 24 | to do with the escalation issued |
| 25 | earlier this month for the April 2019 |

| 1 | escalation, was 1.91 percent. That is |
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| 2 | derived off of what's published by the |
| 3 | Bureau of Labor Statistics. |
| 4 | CHAIRPERSON ADLER: Questions for |
| 5 | Sherry? |
| б | I have one question. The escalation is |
| 7 | the CPI, but there's a corridor of 1 |
| 8 | percent to 3 percent; is that correct? |
| 9 | For Tier 4, I think? |
| 10 | MS. CHAN: Yes. There is a corridor, |
| 11 | CPI as of December last year; right. |
| 12 | CHAIRPERSON ADLER: It can't be more |
| 13 | than 3, can't be less than 1. |
| 14 | MS. CHAN: I believe that's the core. |
| 15 | You're actually calculating it's capped |
| 16 | at 3 percent. |
| 17 | CHAIRPERSON ADLER: Other questions |
| 18 | for Sherry about the escalation? |
| 19 | (No response.) |
| 20 | Thank you, Sherry. |
| 21 | MS. CHAN: Thank you. |
| 22 | MS. REILLY: Next on the agenda is |
| 23 | the executive director's report. |
| 24 | The first matter is the matter of the |
| 25 | next meeting. So it's been suggested that |

| 1 | the next regular meeting of the Teachers' |
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| 2 | Retirement Board be held on the third |
| 3 | Thursday of the month, May 16, 2019. |
| 4 | The second item is a resolution of the |
| 5 | preliminary fiscal year 2020 employer |
| 6 | contribution to the Teachers' Retirement |
| 7 | System of the City of New York. |
| 8 | MR. KAZANSKY: Please read the |
| 9 | resolve. |
| 10 | MS. REILLY: "Resolved, the Board of |
| 11 | Trustees hereby approves a preliminary |
| 12 | fiscal year 2020 employer contribution to |
| 13 | the Teachers' Retirement System of New |
| 14 | York City of \$3,729,919,992. |
| 15 | CHAIRPERSON ADLER: Thank you. |
| 16 | Is there a motion to accept the |
| 17 | Actuary's recommendation? |
| 18 | MS. PENNY: So moved. |
| 19 | CHAIRPERSON ADLER: Is there a |
| 20 | second? |
| 21 | MS. VICKERS: Second. |
| 22 | CHAIRPERSON ADLER: Discussion? |
| 23 | (No response.) |
| 24 | All in favor of the motion to approve |
| 25 | the Actuary's recommendation for fiscal |

| 1 | year 2020 employer contribution please say |
|----|--|
| 2 | "Aye." |
| 3 | (A chorus of "Ayes.") |
| 4 | All opposed say "Nay." |
| 5 | Any abstentions? |
| 6 | (No response.) |
| 7 | Motion carries. |
| 8 | Note for the record that Lindsay Oates |
| 9 | is in attendance. |
| 10 | MS. REILLY: Next is the approval of |
| 11 | the March meeting minutes. So that's |
| 12 | March 7 TRS investment meeting minutes, |
| 13 | March 20 CIM minutes, and March 21 board |
| 14 | meeting minutes. |
| 15 | CHAIRPERSON ADLER: Is there a motion |
| 16 | to approve all the March meeting minutes? |
| 17 | MR. BROWN: So moved. |
| 18 | MR. KAZANSKY: Second. |
| 19 | CHAIRPERSON ADLER: Is there any |
| 20 | discussion? |
| 21 | All in favor of the motion to approve |
| 22 | all the minutes from March TRS meetings |
| 23 | please say "Aye." |
| 24 | (A chorus of "Ayes.") |
| 25 | All opposed say "Nay." |

| Τ | Any abstentions? |
|----|--|
| 2 | (No response.) |
| 3 | Motion carries. |
| 4 | MS. GREENE: I abstain. I wasn't |
| 5 | here. |
| 6 | CHAIRPERSON ADLER: Motion carries. |
| 7 | Other business? |
| 8 | MS. REILLY: Next is a presentation |
| 9 | of our STEMS training update. That's |
| 10 | Carmela Crivelli. |
| 11 | MS. CRIVELLI: Good afternoon. Thank |
| 12 | you for this opportunity. So, I'm going |
| 13 | to talk today a little bit about STEMS, |
| 14 | which is the employee management |
| 15 | system. |
| 16 | When I presented a little over a year |
| 17 | ago about the actual TRS mission and |
| 18 | vision, I briefly mentioned STEMS. And I |
| 19 | explained that it's a software system that |
| 20 | we purchased to use as a competency model |
| 21 | to help us identify and professionally |
| 22 | develop the talent and training we need |
| 23 | for our current and new employees |
| 24 | (indicating screen). |
| 25 | So. STEMS supports our vision 2020 and |

| 1 | beyond. So you are probably very familiar |
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| 2 | with the image that we used before. And |
| 3 | today we're going to be talking about the |
| 4 | people at TRS, our employees. |
| 5 | So, it's taken we've been quite |
| 6 | busy, because it's taken almost two years |
| 7 | to digitize some of the information that |
| 8 | we had in folders for our employees, to |
| 9 | make sure that we can use the STEMS |
| 10 | system. |
| 11 | We had to do some scanning, we had to |
| 12 | manually input some information, and job |
| 13 | descriptions needed to be created, because |
| 14 | we didn't have any consistent job |
| 15 | description and place to store them. Now |
| 16 | we do. |
| 17 | Employees took the surveys regarding |
| 18 | their competencies and skills, and that |
| 19 | information was uploaded. And employees' |
| 20 | records and files were also put into the |
| 21 | STEMS system. |
| 22 | Prior performance evaluations were also |
| 23 | scanned in. So the system really has all |
| 24 | of the employee information. |
| 25 | And it's customized for the areas as |

| 1 | well. Unfortunately, it wasn't as easy as |
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| 2 | purchasing the H&R Block CD that you put |
| 3 | in, like I have to do for my taxes. |
| 4 | Anyway, we customized a few things, and |
| 5 | we are able to use the system. |
| 6 | So, the Harvard Business Review and |
| 7 | Galaxy study was done, talking about the |
| 8 | components of high performance companies. |
| 9 | And the top two characteristics of here |
| 10 | on the screen for us to share were very |
| 11 | effective and high performing companies. |
| 12 | So the first one is an effective |
| 13 | performance management process, where you |
| 14 | really are defining competency and the |
| 15 | high performance behaviors associated with |
| 16 | them, and also in some cases using a merit |
| 17 | based system to differentiate between high |
| 18 | and low performers. |
| 19 | And the other one is career |
| 20 | development, focusing on the individual; a |
| 21 | bigger arena of continuity throughout the |
| 22 | organization. And it's very important to |
| 23 | develop your talent within the |
| 24 | organization and have a uniform language |
| 25 | that you are going to be using, so |

| 1 | everybody understands now they are being |
|-----|--|
| 2 | evaluated; and also to focus on the |
| 3 | competencies and abilities throughout |
| 4 | their career. |
| 5 | The article also mentioned that the |
| 6 | return on investment for those companies |
| 7 | for using these high performing components |
| 8 | did much better than those with average |
| 9 | performance. |
| LO | So then we had to ask ourselves, where |
| L1 | does TRS begin? So, we set competencies. |
| L2 | We developed some high performance |
| L3 | competencies. |
| L 4 | So, we may be asking, What is |
| 15 | competency? And on the screen here there |
| 16 | is a definition of what it is (indicating |
| L7 | screen). Basically it's a personal |
| 18 | characteristic that contributes to |
| L9 | outstanding performance. |
| 20 | You have to go, if you look at the |
| 21 | image, you have to go beyond the |
| 22 | observable skills that you would normally |
| 23 | think of and look beyond and look at the |
| 24 | values and behaviors that individuals |
|) 5 | have: hecause they help to differentiate |

| 1 | between and outstanding and average |
|------------|---|
| 2 | performance. |
| 3 | And on the last bullet where it says |
| 4 | "Experience and intelligence do not |
| 5 | necessarily lead to top performance," the |
| 6 | best way to explain that is: If you had |
| 7 | an example where you had two people who |
| 8 | went to the same school, they performed |
| 9 | the same with their grades and everything |
| LO | and went to the same college, took the |
| 11 | same degree and they did really well. Why |
| 12 | would one perform better than another? |
| 13 | And really the bottom line to that is |
| L 4 | their behavior and the competencies and |
| L5 | how they are performing. |
| L6 | So STEMS is taking shape. In December |
| L7 | we had all employees sign in, log in, to |
| L8 | make sure they look at their personal |
| L9 | information to make sure it was accurate. |
| 20 | And if not, we did tweaks to them. |
| 21 | And STEMS also supplied real time |
| 22 | information about job readiness, career |
| 23 | development, skills, competencies and |
| 24 | managerial gaps, which are employees, the |
| 25 | information that amployees rated |

| 1 | themselves on for their competencies. And |
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| 2 | skills were also normalized by their |
| 3 | manager. So in this system each employee |
| 4 | will see a gap where they need to develop. |
| 5 | Managers who supervise staff |
| 6 | participated in a workshop in coaching, |
| 7 | providing performance feedback during |
| 8 | November 2018, to help them orient |
| 9 | themselves to what will be used in STEMS. |
| 10 | And I have to say I was very impressed |
| 11 | in participating and watching all of the |
| 12 | managers who participated in that |
| 13 | training, because it was very clear to me |
| 14 | they wanted to be better managers for |
| 15 | their staff. |
| 16 | STEMS will also be helping managers |
| 17 | discuss with their employees performance |
| 18 | feedback more regularly than on an annual |
| 19 | basis. There are some features in the |
| 20 | system that will allow some dialog and |
| 21 | communication throughout the system to |
| 22 | make things a lot easier, as opposed to |
| 23 | the paper form that we're currently using. |
| 24 | Some of the next steps for STEM will |
| 25 | be, right now we are rolling out and |

| 1 | establishing goals and objectives for all |
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| 2 | of the directors, deputies and managers in |
| 3 | STEMS, so that we're preparing for the |
| 4 | 2019 to 2020 performance evaluation |
| 5 | period. |
| 6 | Right now, all of the evaluations from |
| 7 | last year will be conducted on older |
| 8 | forms, but with goals and objectives |
| 9 | for the upcoming year. |
| 10 | Managers and directors will also be |
| 11 | trained through the resource guide to show |
| 12 | how they can use STEMS effectively |
| 13 | throughout the year, for training and also |
| 14 | development. |
| 15 | And we are going to continue to go over |
| 16 | and do some more training on the |
| 17 | competency model and behavior, when we |
| 18 | have performance discussions with |
| 19 | employees. |
| 20 | And then the last bullet. In September |
| 21 | we will be talking about mid year |
| 22 | guidelines discussion on how people are |
| 23 | performing mid year. |
| 24 | Thank you for your time. |
| 25 | Does anybody have questions? |

| 1 | CHAIRPERSON ADLER: Questions for |
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| 2 | Carmela? |
| 3 | (No response.) |
| 4 | Thank you for the presentation. |
| 5 | MS. GREENE: Question. The equity |
| 6 | agenda is used obviously in everything |
| 7 | that DOE does. Your members are all going |
| 8 | through training as perchance to what |
| 9 | extent is equity infused in the |
| 10 | performance evaluation in terms of |
| 11 | commitment to diversity and hiring, et |
| 12 | cetera, et cetera, for the staff of TRS? |
| 13 | MS. CRIVELLI: All staff? |
| 14 | MS. GREENE: For the work force. |
| 15 | MS. REILLY: I probably should make |
| 16 | clear that we are not Department of |
| 17 | Education employees. |
| 18 | MS. GREENE: I understand that. |
| 19 | MS. REILLY: So the question is more |
| 20 | about our hiring practices? |
| 21 | MS. GREENE: Just equity coming into |
| 22 | the conversation when you're looking at |
| 23 | performance measures and metrics. |
| 24 | MS. CRIVELLI: Equity, so for salary |
| 25 | ranges? |

| 1 | MS. GREENE: Gender equity, |
|----|--|
| 2 | diversity. Is that something you talk |
| 3 | about, or not? Just because I didn't see |
| 4 | the components of this. |
| 5 | MS. CRIVELLI: For salaries right |
| 6 | now, the increases that people get are |
| 7 | mostly mayoral or union increases that are |
| 8 | currently offered throughout the City. So |
| 9 | I don't know if that answers your |
| 10 | question. |
| 11 | MS. GREENE: In general |
| 12 | MS. REILLY: I would go on to say |
| 13 | that we're a highly diverse agency, and we |
| 14 | can give you statistics on our diversity |
| 15 | if that would help. But in performance |
| 16 | management it's based on the performance |
| 17 | of the employee, regardless of gender. |
| 18 | MS. GREENE: Managerial if you're |
| 19 | talking about growing from within. |
| 20 | MS. REILLY: Most of our managers are |
| 21 | women, I would say. We can give you the |
| 22 | statistics if you like. |
| 23 | MS. GREENE: It would be interesting |
| 24 | to see that. |
| 25 | MS. CRIVELLI: Some of the points |

| 1 | mencioned are in our employee nandbook to. |
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| 2 | staff. How we are diverse if anything |
| 3 | specific, I can touch base afterwards. |
| 4 | I'm happy to do that too. |
| 5 | MS. REILLY: We can put together some |
| 6 | information on the diversity of the staff |
| 7 | management, and we have that. |
| 8 | MS. GREENE: Thank you. |
| 9 | MS. CRIVELLI: Anything else? |
| 10 | CHAIRPERSON ADLER: Other questions? |
| 11 | (No response.) |
| 12 | Thank you. |
| 13 | MS. CRIVELLI: Thank you. |
| 14 | CHAIRPERSON ADLER: Questions from |
| 15 | the public? |
| 16 | (No response.) |
| 17 | So it looks like we have a matter to |
| 18 | take up in executive session. So I think |
| 19 | a motion would be in order to exit public |
| 20 | session and enter executive session. |
| 21 | MS. PENNY: I move, pursuant to |
| 22 | Public Officers Law Section 105, that we |
| 23 | go into executive session to discuss |
| 24 | investment matters. |
| 25 | MS. VICKERS: Second. |

| 1 | CHAIRPERSON ADLER: Discussion? |
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| 2 | (No response.) |
| 3 | All in favor of the motion to enter |
| 4 | executive session please say "Aye." |
| 5 | (A chorus of "Ayes.") |
| 6 | All opposed say "Nay." |
| 7 | Any abstentions? |
| 8 | (No response.) |
| 9 | Motion carries. |
| LO | (Whereupon, the meeting went into Executive Session.) |
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| 1 | CHAIRPERSON ADLER: We'll entertain a |
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| 2 | motion to return to public session. |
| 3 | MS. VICKERS: So moved. |
| 4 | CHAIRPERSON ADLER: Is there a |
| 5 | second? |
| 6 | MR. KAZANSKY: Second. |
| 7 | CHAIRPERSON ADLER: Thank you. |
| 8 | Any discussion? |
| 9 | (No response.) |
| 10 | All in favor of the motion to exit |
| 11 | executive session and go back into public |
| 12 | session please say "Aye." |
| 13 | (A chorus of "Ayes.") |
| 14 | All opposed say "Nay." |
| 15 | Any abstentions? |
| 16 | (No response.) |
| 17 | Motion carries. |
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| 1 | (Whereupon, the Board returned to |
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| 2 | <pre>public session.)</pre> |
| 3 | CHAIRPERSON ADLER: We're back in |
| 4 | public session. |
| 5 | Susan, will you please report out of |
| 6 | executive session? |
| 7 | MS. STANG: Certainly. |
| 8 | In executive session an investment |
| 9 | matter was discussed, a decision was |
| 10 | reached, which will be announced at the |
| 11 | appropriate time. |
| 12 | CHAIRPERSON ADLER: Thank you very |
| 13 | much. |
| 14 | I believe that concludes our business |
| 15 | for today. |
| 16 | Is there a motion to adjourn? |
| 17 | MR. KAZANSKY: Before we adjourn, I |
| 18 | would like to wish the young and handsome |
| 19 | John Dorsa a happy birthday. |
| 20 | (Applause.) |
| 21 | And also a Happy Passover and Easter |
| 22 | to everybody on the Board and in our |
| 23 | company. |
| 24 | CHAIRPERSON ADLER: Thanks very much |
| 25 | Now I believe that is concluding. |

| 1 | Is there a motion to adjourn? |
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| 2 | MS. VICKERS: So moved. |
| 3 | CHAIRPERSON ADLER: Is there a |
| 4 | second? |
| 5 | MR. KAZANSKY: Second. |
| 6 | CHAIRPERSON ADLER: Any discussion? |
| 7 | (No response.) |
| 8 | All in favor of the motion to adjourn |
| 9 | please say "Aye." |
| 10 | (A chorus of "Ayes.") |
| 11 | All opposed say "Nay." |
| 12 | Any abstentions? |
| 13 | (No response.) |
| 14 | The meeting is adjourned. |
| 15 | (Time noted: 4:01 p.m.) |
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| 1 | CERTIFICATION |
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| 2 | |
| 3 | I, Jeffrey Shapiro, a Shorthand |
| 4 | Reporter and Notary Public, within and for the |
| 5 | State of New York, do hereby certify that I |
| 6 | reported the proceedings in the within-entitled |
| 7 | matter, on April 18, 2019, at the offices of the |
| 8 | NEW YORK CITY TEACHERS RETIREMENT SYSTEM, 55 Water |
| 9 | Street, New York, New York, and that this is an |
| 10 | accurate transcription of these proceedings. |
| 11 | IN WITNESS WHEREOF, I have hereunto |
| 12 | set my hand this 23rd day of April, 2019. |
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| 18 | JEFFREY SHAPIRO |
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