

**NEW JERSEY INSTITUTE OF TECHNOLOGY
BOARD OF TRUSTEES
MINUTES OF PUBLIC MEETING
(April 12, 2016)**

The meeting was called to order by Chair DePalma at 4:10 p.m.in Eberhardt Hall, NJIT Alumni Center Boardroom, NJIT Campus, Newark, N.J. In attendance were Chair DePalma, Vice Chairs Cordes, DeCaprio and Garcia, Board Members Beachem, Bone, Dahms, Raia (telephonically), and Sugla. Absent: Board Members Cistaro, Knapp, Poddar, Slimowicz and Taylor. Administrative members in attendance were President Bloom, Provost and Executive Vice President Deek, Sr. Vice Presidents Bishof, Dees and Sebastian, Vice Presidents Christ, Fey, and Turner, and Vice President/Secretary Stern.

1. In accordance with the New Jersey Open Public Meetings Act, Chair DePalma read the following statement:

“Notice of this Meeting was provided to the public as required by the New Jersey Open Public Meeting Act, in the Schedule of Meeting Dates of the Board of Trustees of the New Jersey Institute of Technology which was mailed and sent electronically to the Star Ledger, the Herald News and the Vector on March 10, 2016, and posted on the University website. This Schedule was also mailed and sent electronically to the County Clerk on March 10, 2016 for filing with that office and posting in such public place as designated by said Clerk.”

2. By a motion duly made by Mr. Beachem, seconded by Ms. Garcia and unanimously approved, the Board approved the public minutes of the meeting of February 4, 2016, with abstentions from those members not in attendance at such meeting.
3. Secretary Stern noted that no one had registered to speak at the meeting.
4. Dr. Deek read a Proclamation on behalf of the Board recognizing Dr. Tara Alvarez for her receipt of a patent award in the biomedical technology category for “Method for Determining the Acceptance of Progressive Addition Lenses” (U.S. Patent 8,814,361), for which she was recognized and honored by the Research & Development Council of New Jersey.
5. Dr. Deek next read a Proclamation on behalf of the Board recognizing Dr. Atam Dhawan, Vice Provost for Research and Distinguished Professor of Electrical and Computer Engineering, for his induction as a Fellow into the National Academy of Inventors, for outstanding contributions to innovation in areas such as patents and licensing, innovative discovery and technology, significant impact on society, and support and enhancement of innovation.
6. Dr. Deek next read a Proclamation recognizing Dr. Zeynep Celik for her receipt of the George Sarton Medal from the School of Engineering and Architecture of Ghent University (Belgium), an honor bestowed upon outstanding historians of science in the international scholarly community.

7. The Board commended Dr. Alvarez, Dr. Dhawan and Dr. Celik for their outstanding achievements.
8. BY A MOTION DULY MADE BY MR. BONE, SECONDED BY MR. DAHMS AND UNANIMOUSLY APPROVED, the Board voted to APPROVE RESOLUTION TO EXTEND GOURMET DINING SERVICES CONTRACT.
9. BY A MOTION DULY MADE BY DR. DeCAPRIO, SECONDED BY DR. SUGLA AND UNANIMOUSLY APPROVED, the Board voted to APPROVE RESOLUTION FOR PhD IN BUSINESS DATA SCIENCE. It was noted that this is the first doctoral program from the School of Management.
10. BY A MOTION DULY MADE BY MR. CORDES, SECONDED BY MR. DAHMS AND UNANIMOUSLY APPROVED, the Board voted to APPROVE RESOLUTION TO EXTEND 240 KING DEVELOPMENT.
11. THE RESOLUTION TO REVISE BOARD BYLAWS, ARTICLE II, SECTION 5 was tabled at this time.
12. BY A MOTION DULY MADE BY MR. DAHMS, SECONDED BY MR. BONE AND UNANIMOUSLY APPROVED, the Board voted to APPROVE RESOLUTION TO AWARD A THREE YEAR JANITORIAL CONTRACT.
13. **President's Report:** President Bloom deferred his report to the Board to his earlier report. He referred to the report "Powering New Jersey's Economy" that was shared with the Board, which contained highlights of an external study prepared by E-Consult. It was determined that NJIT had a \$1.7 billion impact within the State of New Jersey. This showed up on 90 national websites, and was tracked by NJBiz. The report is being mailed to legislators, and addresses the issue of how NJIT continues to be recognized. Dr. Bloom commended Dr. Deek, Dr. Sebastian, Dr. Dees, our Faculty and Ms. Ugorji for their excellent work in helping prepare the report.
14. **Report on Alumni Association:** Mr. Jack Wagner gave a report on the Alumni Association. He has been President for the past two years, which has been rewarding. He is involved with the School of Management. He highlighted the Association's efforts regarding "Getting it Done on Campus", which is focused on engaging on a campus level. The Association has been involved in shared governance and worked with Communications. Events include a speed networking event to discuss career opportunities. We had the first Alumni Council meeting in over a year, involving 80 alums, with 7 cohort breakout groups. We had 27 new alumni volunteers actively engaged, and the Alumni Board has reviewed its bylaws. Mr. Wagner commended the world class team in NJIT's Office of Alumni Relations. There is a meeting of Board leadership coming up on April 20th. The goal of the Association is to engage, demonstrate benefits of membership, and to connect with alumni at various levels, in order to engage and progress across the NJIT ecosystem.

Chair DePalma stated congratulated Mr. Wagner and his group for their accomplishments, and asked him to consider a survey of what members are seeking. Mr. Wahl noted that a survey was planned for the Fall.

15. **Report on School of Management:** Dean Caudill gave a report setting forth the vision for the Martin Tuchman School of Management, which was developed with faculty, the school's Advisory Board, and students. The motivation and rationale for the vision was a convergence of science and technology into business. The School's programs seek to differentiate its mission through added value, and, real-world relevance. Using IBM as an example, Dr. Caudill discussed the "cognitive era" reflecting new ways of thinking, by using predictive analytics for the business of the future. There are two strategic areas consistent with NJIT's strategic priorities. The first is business analytics, intelligence and systems (business data science). The second is technology-based entrepreneurship. Strategies and initiatives focus on students and learning, as well as investment and community. We are working on building an outstanding faculty, focused on teaching and research, as well as expanding our research funding base, and strengthening our relationships and expanding partnerships with business and industry. Dr. Caudill thanked the Board for approving the new PhD program. We will be working on building additional relationships across campus, including joint degrees (BS/MBA's). Finally, we are building new labs including a Business Data Analytics Lab, a Bloomberg Financial Analysis and Trading Lab, and a Business Data Observatory.
16. **Report on Technology Structure.** The next item for discussion is a report on Technology Infrastructure, to be followed by a report on Cyber Security. Dr. Bloom noted that these are both large and complex issues. We've made a \$10 million investment in our technology infrastructure in the last four years, and it is time to look at it again.

Dr. David Ullman discussed Digital Infrastructure in support of the 2020 Vision Strategic Plan. He focused upon four component areas (1) Core IT infrastructure, (2) Research Computing Infrastructure (3) Teaching and Learning Infrastructure and (4) Library IT Infrastructure, and their related strategies. The core IT infrastructure, specifically the NJIT Cloud, includes applications, middleware, databases, operating systems, virtualization, servers and storage, data centers and networks, and their interrelationships. Overall, student satisfaction with the availability of computing resources has been trending upwards since 2012. Challenges exists with the NJIT Cloud Infrastructure, including aligning investments with campus growth; lifecycle replacement and uncertainty with the changing supplier landscape. Dr. Ullman further discussed high performance computing and big data to align with the needs of researchers, replacement needs, opportunities in digital learning to increase technology adoption rate in all courses, and leveraging a new collaborative model for digital learning. Finally, he reviewed challenges for digital library services.

17. **Report on Cyber Security:** Dr. Ullman next reported on Cyber Security from both internal and external threats. He discussed Information Security Management Risk Scenarios from different types of risks, including "phishing attempts", malware infection, data breach, and distributed denial of service attacks, such as the one recently experienced by Rutgers University. Noting that universities are prime targets as open collaborative environments, he described a holistic and agile approach to risk mitigation, stating that we are only as strong as

our weakest link. To address this, we are encouraging internal conversations and constantly reminding the campus community of cybersecurity issues, in order to make it part of our culture. We use internal penetration testing, and implement layered security defenses to react quickly. Further, we maintain cyber-insurance. Discussing means of IT Service Continuity, he detailed Risk Mitigation Services including off-site rack space at a Halsey Street location, a planned second internet connection to campus, and plans to relocate redundant systems from GITC data center to a different part of campus.

18. **Report on Public Safety:** Mr. Christ gave a Report of Public Safety, noting that under recent legislation, crime statistics are required to be presented at every Board meeting. Reviewing the details in the crime report, it was noted that crime statistics are trending down. The largest jump we have seen is in drug related crimes, not on campus but in the area, following national trends. Mr. Christ confirmed that Clery reporting includes the surrounding area of campus.
19. **Economic Impact Report:** The Economic Impact report was discussed earlier.
20. **Comprehensive Campaign and Gift Report:** Dr. Dees gave the Comprehensive Campaign and Gift Report. Our gift rate is up 246% from last year, and we are up 1% in donors. We may approach a total of \$12 million in gifts this year, and have reached a total of \$162,935,299 towards our Capital Campaign total. Dr. Dees noted we have over 210 registrants for Alumni Weekend. He reviewed the Calendar of Events with the Board, and discussed the top national news stories featuring NJIT and using analytics to determine their economic impact.
21. **Operating Statement Year to Date and Schedule of Short Term Investments:** Treasurer Bishof reported on the Operating Statement Year to Date and Schedule of Short Term Investments, referring to the materials set out in the Board book, and concluding that we are in good shape for this fiscal year, inviting questions from the Board.
22. **Schedule of 2016-2017 Trustee Meetings and Report on Upcoming Calendar of Events:** Chair DePalma noted the highlighted changes in the 2016-2017 Schedule of Meetings, and highlighted upcoming activities in the Schedule of Events listed in the Board materials, encouraging all to participate.
23. The Chair announced that the next regularly scheduled Closed Session would be convened on Thursday, June 9, 2016 at 9:00 AM at Eberhardt Hall Alumni Center Board Room, to discuss personnel, real estate, legal and contractual matters. The following resolution was read and approved by all Trustees present:

WHEREAS, there are matters that require consideration by the Board of Trustees that qualify under the Open Public Meetings Act for discussion at a Closed Session;

NOW THEREFORE, BE IT RESOLVED, that the Board of Trustees shall have a Closed Session to discuss matters involving personnel, real estate, legal and contractual matters on Thursday, June 9, 2016 at 9:00 AM, Eberhardt Hall Board Room.

The next regularly scheduled Public Session of the Board will take place on Thursday, June 9, 2016 at 9:00 AM, Eberhardt Hall Board Room, following the Closed Session of the Board.

24. The public session was adjourned at 5:35 p.m.