MINUTES OF THE MEETING OF THE BOARD OF
TRUSTEES OF THE CITY UNIVERSITY OF NEW YORK
HELD
JUNE 22, 1998
AT THE BOARD HEADQUARTERS BUILDING
535 EAST 80TH STREET - BOROUGH OF MANHATTAN

The Chairperson called the meeting to order at 4:40 P.M.

There were present:

Anne A. Paolucci, Chairwoman
Herman Badillo, Vice Chairperson

Satish K. Babbar
John J. Calandra
Kenneth E. Cook
Alfred B. Curtis, Jr.

John Morning
Kathleen M. Pesile
George J. Rios
Richard B. Stone

Md. Mizanoor R. Biswas, ex officio
Bernard Sohmer, ex officio

Secretary Genevieve Mullin

Roy Moskowitz, Acting General Counsel and Acting Vice Chancellor for Legal Affairs
Hourig Messerlian, Executive Assistant
Alex Mikityanskiy
Tawana Spellen
Towanda Washington

Interim Chancellor Christoph M. Kimmich
Interim Deputy Chancellor Patricia Hassett
President Raymond C. Bowen
President David A. Caputo
Acting President Emilie Cozzi
Interim President Lois S. Cronholm
Interim President Dolores Fernandez
President Ricardo R. Fernandez
President Leon M. Goldstein
President Frances Degen Horowitz
President Edison O. Jackson

President Vernon Lattin
President Yolanda T. Moses
President Antonio Perez
President Kurt R. Schmeller
Dean Kristin Booth Glen
Vice Chancellor Jay Hershenson
Vice Chancellor Brenda Richardson Malone
Vice Chancellor Louise Mirrer
Interim Vice Chancellor Angelo B. Proto
Vice Chancellor Richard F. Rothbard

The absence of Trustees Crimmins, Everett, Marino, Murphy, and Ruiz was excused.
A. INTRODUCTION OF NEW TRUSTEE: Chairwoman Paolucci introduced our new Trustee, Kathleen M. Pesile, who was appointed by Governor Pataki on June 17, to replace Susan Moore Mouner. Ms. Pesile is a financial planner and investment advisor. She is also an adjunct thesis advisor/examiner at the Stonier Graduate School of Banking at the University of Delaware. She brings to the Board of Trustees an extensive background in banking and finance, as well as in education. She's an adjunct lecturer at The College of Staten Island, and was a founding faculty member of the Weekend Division. On behalf of the Board of Trustees and the Administration, we all offer you our congratulations, Trustee Pesile, and welcome you on board.

Upon motion duly made, seconded and carried, the following resolution was adopted:

B. RESOLUTION OF APPRECIATION - SUSAN MOORE MOUNER:

WHEREAS, The Honorable Susan Moore Mouner has served with exemplary distinction as a member of the Board of Trustees of The City University of New York for eight years, beginning with her appointment by former Governor Mario Cuomo on June 30, 1990 and concluding on June 17, 1998; and

WHEREAS, Her distinguished leadership, first as Vice Chair and then as Chair of the Board of Trustees' Committee on Student Affairs and Special Programs, has helped to further the educational and social mission of The City University; and

WHEREAS, She has also been a faithful and unfailing member of numerous Board and Ad Hoc committees including Faculty, Staff, and Administration, Long Range Planning, Remediation, Investment Advisors, Parking, the New York City Technical College Presidential Search Committee, and Vice Chair of the Committee on Fiscal Affairs, Facilities, and Contract Review; and

WHEREAS, Her superb record also included service as Chair of The College of Staten Island and Borough of Manhattan Community College Presidential Search Committees; and

WHEREAS, She vigorously and passionately defended the concerns of the students and was committed to advocating for the development of policies and practices that would improve the quality of student life at the University; and

WHEREAS, Her dependable attendance and productive activity were vital to the Board and its Committees in the exercise of their functions, and has won her the admiration and affection of her colleagues on the Board and in the University community; now therefore be it

RESOLVED, That the Board of Trustees extends its most sincere thanks and deepest appreciation to the Honorable Susan Moore Mouner for her years of service to the students, the Board, and the University, and wishes her continued success in all her future endeavors.

C. TRUSTEE HONORS: Chairwoman Paolucci, on behalf of the Board and the Administration, extended congratulations to Trustee Alfred B. Curtis, Jr., for having received the President's Medal at the June 4th commencement at The College of Staten Island.

D. CONDOLENCES: On behalf of the Board of Trustees and the Administration Chairwoman Paolucci offered heartfelt condolences to Trustee George Rios and his wife, Nidia, on the loss of his beloved mother-in-law, Isaura Negron, on June 10, 1998, and to Dean Sanford Roman on the loss of his beloved mother, Mrs. Ivy Louise Roman, on June 17 of this year.

E. INTRODUCTION OF INTERIM PRESIDENT - BARUCH COLLEGE: Chairwoman Paolucci introduced Interim President Lois S. Cronholm, and on behalf of the Board and the Administration, offered congratulations and best wishes to her. Dr. Cronholm has worked as Provost and Senior Vice President for Academic Affairs at Baruch since 1992. We look forward to working with her.
F. PRESIDENTS' HONORS: Chairwoman Paolucci announced the following:

1. The government of Great Britain named President Gerald Lynch of John Jay College of Criminal Justice to the eight-person Independent Commission of Policing in Northern Ireland. This Commission was established by the Good Friday accords reached between Great Britain and the Republic of Ireland. The Commission, which has already begun its work, is charged to "inquire into policing in Northern Ireland and, on the basis of its findings, bring forward proposals for future policing structures and arrangements, including means of encouraging widespread community support for those arrangements." The Commission is to complete its work and issue a report by the Summer of 1999. Congratulations, President Lynch.

2. President Yolanda Moses of The City College was named by Crain's New York Business as one of the "top minority executives" and was profiled in a special section on leading minority executives that was published recently. Congratulations, President Moses.

Dr. Moses also received an honorary Doctor of Letters degree from Bloomfield College of New Jersey at the College's 125th commencement. She was cited for balancing the goal of providing access to higher education with the goal of maintaining rigorous standards of academic achievement.

3. President Allen Lee Sessoms of Queens College received an honorary Doctor of Science degree from his alma mater, Union College in Schenectady, New York. Congratulations, President Sessoms.

G. FACULTY HONORS: Chairwoman Paolucci announced the following:

1. Nancy K. Miller, Distinguished Professor of English at Lehman College and The Graduate School and University Center, has been named one of 13 visiting scholars for 1998-99 by Phi Beta Kappa. The scholars travel to colleges and universities that have Phi Beta Kappa chapters to meet with undergraduates, take part in seminars and lectures, and deliver a major address that is open to the entire academic community.

2. Pamela HoSang, Associate Professor of Nursing at Medgar Evers College, received the Jane Delano Distinguished Service Award from the New York Counties Registered Nurses Association. The award honors Professor HoSang for her excellent teaching and preparation of students for their future roles in nursing.

H. STAFF HONORS: Chairwoman Paolucci announced the following:

1. On behalf of the Board of Trustees and the Administration, we offer congratulations to Interim Vice Chancellor Bill Proto, who has accepted the position of Vice President for Student Affairs and Enrollment Services at Adelphi University. Bill has served The City University of New York for almost three decades with extraordinary ability, dedication, and competence. Matthew Goldstein has enticed away one of the gems of CUNY and he will be sorely missed. We thank him for his exemplary work for the University and wish him continued success in all his future endeavors. Good luck, Bill.

2. Lia Gartner, Director of CUNY's Department of Design, Construction and Management, has received the American Institute of Architects 1998 Public Architect Award for outstanding leadership in the pursuit of excellence in the design and construction of public buildings.

I. COLLEGE HONORS: Chairwoman Paolucci announced the following:

1. On Thursday, May 21, the Kingsborough Community College Men's Tennis Team made history when it won the National Junior College Athletic Association's Division III National Championship, becoming the first City University team to win a national title since the 1950's. Division III consists of all community colleges that do not offer athletic scholarships. The competition was held in Corpus Christi, Texas, where Kingsborough defeated DuPage College, a school with 40,000 students located in Glen Ellen, Illinois, near Chicago. This victory capped a remarkable record for the team, which has won 28 consecutive games, three consecutive New York State Region, 15 championships, and three consecutive league championships. The team's coach, Barry Goldsmith, was named
NJCAA Division III Coach of the Year. The team really represents what CUNY is all about, with three members from the Ukraine, one from Ghana, one from Bangladesh, one from Pakistan, and another is Irish-American. I would now like to introduce them, if they would stand, please. Max Dubov, Andrey Shashkov, Dmitry Rozanovsky, William O'Connor, Jerome Sam, Rizve Ahmed, and Mohammed Abid. We're proud of the team and, of course, it all reflects on us. Congratulations.

President Leon Goldstein stated that he is so proud for CUNY and proud for Kingsborough.

Mr. Barry Goldsmith stated that on behalf of Kingsborough Community College's men's tennis team, I would like to thank the Board of Trustees of The City University and Interim Chancellor Kimmich for inviting and honoring us today. I would also like to thank Kingsborough's President, Leon Goldstein, for building a magnificent campus with wonderful facilities, and supporting athletics, which helps us get such wonderful student athletes. I am so proud of their accomplishments. Kingsborough is so proud of their achievement. Most important, they are proud of themselves. And by honoring us today, you have shown us that you are also proud of them. Thank you so much.

J. GRANTS: Chairwoman Paolucci presented for inclusion in the record the following report of Grants $100,000 or above received by the University since the last Board meeting:

THE CITY COLLEGE

a. $145,000 AFOSR to Alfano, R., IUSL, for "Materials for High Temperature Spectral Hole Burning Optical Storage."
b. $125,615 NIH to Gresik, E., Cell Biology/ANA, for "Regulation of Branching Morphogenesis of Salivary Glands."

QUEENS COLLEGE

a. $303,291 NIH/NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCES to Michels, C., Biology Department, for "Regulation of Maltose Fermentation in Saccharomycetes."
b. $132,360 US DEPARTMENT OF EDUCATION to Truesdell, L. A., Educational and Community Programs Department, for "Preparation of Minority Special Education Teachers for Inclusion and Multicultural Education."
c. $120,000 THE NEW YORK COMMUNITY TRUST to Commoner, B., Center for The Biology of Natural Systems, for "The Exposure of The New York City Watershed System to Toxic Fallout."
d. $118,805 NIH/NATIONAL CANCER INSTITUTE to Rotenberg, S., Chemistry and Biochemistry Department, for "Mechanism of Dequalinium Action in Metastatic Melanoma."

JOHN JAY COLLEGE

a. $894,725 NEW YORK STATE EDUCATION DEPARTMENT to Guinta, L., Communication Skills Department, for "Vocational Education Program to Provide Academic Skills for the College's Associate Degree Students and Adult Non-Credit in Service Population."
b. $347,216 THE SPENCER FOUNDATION to Brotherton, D., Sociology Department, and Barrios, L., Puerto Rican Studies Department, for "Marginalization, Education, and Empowerment: A Multiple Case Study Analysis of Street Organizations in New York City."
a. $135,000 US DEPARTMENT OF EDUCATION Kobilinsky, L., and Rothchild, R., Science Department, for "Minority Science Improvement Program (MSIP), "New Methods for Molecular Biology, Microscale Organic Lab, Spectroscopy, and Separations Techniques", and "Increased Retention and Academic Enrichment In Four Foundation Science Course with Peer Mentors."
THE COLLEGE OF STATEN ISLAND

a. $107,724 NIH to Ciaccio, L., for "Discovery Center Research Internship."

BOROUGH OF MANHATTAN COMMUNITY COLLEGE

a. $490,821 NYC HUMAN RESOURCES ADMINISTRATION (HRA) to Jones, J., for "COPE (College Opportunity To Prepare for Employment)."

b. $270,000 AMERICAN ASSOCIATION OF COMMUNITY COLLEGE AND MICROSOFT to Kok, M., for "Working Connections Project in Multimedia Programming, Design, and Production."

LAGUARDIA COMMUNITY COLLEGE

a. $395,031 NYC DEPARTMENT OF EMPLOYMENT to Watson, S., and Baldonedo, C., Continuing Education Division, for "The Job Training Partnership (EDWAA) Program."

b. $200,000 US DEPARTMENT OF EDUCATION/MSIP to Wu, C., and Storck, B., Academic Affairs Division, for "The Development of a Technology Based Laboratory and Research."

c. $122,000 NYC DEPARTMENT OF EMPLOYMENT to Watson, S., Continuing Education Division, for "The Summer Youth Employment Program."

K. ORAL REPORT OF THE INTERIM CHANCELLOR: Interim Chancellor Kimmich reported the following:

1. I'm pleased to join Chairwoman Paolucci in welcoming Kathleen Pesile to membership on the Board of Trustees. A graduate both of The College of Staten Island and Baruch College, you bring a great deal of inside knowledge of the University and we welcome that. I look forward to working with you.

At the same time, of course, I take occasion to thank Susan Moore Mounier for her service on the Board, both as a member of the Board and as Chair of the Board's Committee on Student Affairs and Special Programs. She has been a strong and determined advocate of student interests and of those of the University at large, and we're very grateful to her for that. Thank you very much for that, Susan.

2. At this last scheduled meeting before the summer break, I would like to summarize briefly the status of plans and initiatives currently under way and to bring you up to date on a number of budget and budget-related issues. Most immediate is the follow-up to the Board's recent resolution on remediation and the steps that we have taken towards implementation.

First, over the last few weeks, we have met with the Council of Presidents and the Academic Council (of Provosts) to discuss the terms of the resolution and ways in which it would be implemented within the stipulated time frame. We were joined by Dr. Paolucci at the Council of Presidents' meeting at which there was a broad-based discussion of how the campuses individually and working collaboratively in concert might develop the necessary strategies the resolution calls for. Plans are under way for a retreat next month to bring together the presidents of the campuses that will be affected first. I have also had occasion to ask about and go over campus plans in the end-of-year meetings I've had with each president in which we reviewed last year's accomplishments and the goals and objectives for the coming year. I know from all these meetings that the presidents and provosts have initiated the necessary discussion on the campuses, and we will monitor progress.

Second, action is being taken at the Central Office that relates to areas that need to be addressed University-wide, such as the kinds of early admission testing schedules and test preparation proposals mentioned in the course of deliberations throughout the spring. Under the auspices of Vice Chancellor Mirrer, plans are under way to have a working group made up of appropriate staff and faculty to define these approaches and establish guidelines and
procedures. This has some urgency, inasmuch as we need to develop appropriate admissions materials, information, and other outreach literature by early this fall, so as to alert prospective applicants of what is expected of them and what the options are that are available to them.

Finally, we're engaged in discussions with Schools Chancellor Crew at the Board of Education. Members of my staff and I met with the Chancellor and his senior staff the week before last to clarify the implications of the resolution and to work out mechanisms and possibly joint approaches for dealing with them. I know that some of the campuses have engaged in discussions with their local school superintendents and principals. Close collaboration with the schools has been a goal of the Board all along and, of course, a central feature of the plans for addressing remediation. I want to thank Trustee Ruiz for her counsel and advice in dealing with this, because I know that Chancellor Crew and others are moving forward very expeditiously in helping us work this out.

3. The other topic of importance is the Mayor's Advisory Group Task Force on CUNY, which is headed by Benno Schmidt, and of which Vice Chair Badillo is a member. The Mayor charged the Task Force with examining how the University spends the money it receives from the City, how open admissions and remediation affect the quality of education, and how outside institutions might be used to insure, prior to admission, that prospective students can perform college level work. There have been so far numerous interactions with Dr. Schmidt. Dr. Paolucci has had occasion to meet with him, as have I. His staff is in touch with Interim Deputy Chancellor Hassett, who serves as University liaison to the Task Force. College liaisons are being identified as we speak. We have supplied the Task Force with materials about the University's plans and planning activities and are responding to requests for data. Arrangements are being made for Dr. Schmidt to meet with the Council of Presidents to discuss the work of the Task Force and to engage in dialogue with the presidents to hear their concerns and questions, and to address these questions. It's in our and the Task Force's interest that we work together cooperatively, and that the members of the Task Force are as well informed about the University and its workings as possible, and we are working together toward that end.

4. With respect to the State budget, you all probably know that about two weeks ago the Governor approved our request for an increase of $150 per FTE in base aid for the community colleges. That item was part of the Board-approved budget request last fall, but had originally been vetoed by the Governor in his veto message. We are pleased at his decision not to maintain that veto and to assure the community colleges of this increase. Both CUNY and SUNY community colleges will benefit.

5. As to the City, the budget approved by the City Council provides an additional $8.7 million for CUNY over and above what was allocated in the Mayor's budget. The largest part, $7 million, is earmarked for a cost of education assistance program for the benefit of students attending CUNY who graduate from high school with a B average and maintain that average in college. The other large sum, $1.2 million, is to fund the extension of College Now to four additional community colleges. This is welcome, of course, inasmuch as our request for funds for such expansion was not met by the State, and is very much part of our efforts to work with and to reach into the schools to help to prepare students for college work.

Also, last Friday the State authorized funding to enable the University to implement the economic terms of the contract with the Professional Staff Congress that has been negotiated over these years. In conjunction with representatives of the State and City, the University has been meeting with the unions to work out these terms, and the parties are close to resolving what seem to be a few remaining issues. I know that all the partners in this discussion are eager to conclude negotiations, and I'm hopeful that we'll bring this matter to closure soon, finally.

6. In the session just concluded, the Legislature passed a bill that amends the Education Law so as to extend TAP benefits to students with disabilities who are TAP-eligible, but who are unable to attend college full-time for reasons related to their disability. At present, students with disabilities who attend school part-time are eligible for TAP awards only when the number of credits or courses they take reaches the number necessary to be a full-time student. That may take two or three semesters. Under the bill, disabled students will receive TAP support in the semester in which they're actually taking the courses. The University very much supported this measure. It will assist many disabled students to achieve their educational goal without undue additional hardship, and I'm pleased to report that the Legislature agreed to this.
7. With respect to admissions for fall 1998, as of mid-June freshmen admissions is up 3% University-wide compared with last year at this time. As you know, our freshmen pool is composed of regular freshmen and special programs freshmen. Regular freshmen admissions are up by 2.2% University-wide compared to last year at this time. Special programs freshmen admissions are up by 5.8%. In both cases we see a small decline in admissions at the senior colleges, but an increase in admissions to the community colleges. Transfer admissions University-wide are down by 3.6%, and that applies to both senior and community colleges. Looking at this in more detail, we see that students transferring from within CUNY are down, while those transferring from outside are up in number. These, of course, are not the final admissions figures for the fall. There are allocations of students to the colleges in July and August, and then each college will admit students directly after that. The challenge now is to enroll as many of the students who are admitted and to get them to stay.

8. Finally, I also would like to say a word, briefly, of thanks to Interim Vice Chancellor Bill Proto, who will be leaving the University next month to take up a similar position at Adelphi, as you’ve heard. This is a significant loss for us. Bill has served the University for close to three decades and we shall miss his experience and his wisdom. The Interim Deputy Chancellor has worked closely with Bill over the years, and I’ve asked her just to say a few words of appreciation.

Interim Deputy Chancellor Hassett stated that there are many distinguished administrators who have left their mark on The City University of New York. Few, however, will match the record of Interim Vice Chancellor for Student Affairs and Enrollment Services, Bill Proto.

Some 28 years ago, Bill joined us in the CUNY ranks. His accomplishments are many, his integrity unquestioned, his reach extraordinary. On numerous occasions we’ve witnessed his velvet glove appear imaginatively on behalf of the University, perhaps a chancellor, a president, a particular college, a beleaguered admissions office, or a friend. When it came to students, however, the gloves were off because in Bill’s view, each student is real and his or her education a precious investment. Students are the reason we are here today, why it is we do that which we do. My colleagues will attest that when a student’s interest is at stake, Bill is relentless.

His enthusiasm for the University and the opportunity it represents is absolutely infectious. We've seen it in his work, in his personal determination to excel, and the commitment of his staff in the eyes of the thousands over the years who were recruited, admitted, or who received financial aid and registered as a consequence of his efforts.

I wish to personally thank Chairwoman Paolucci, who affirmed the Chancellor's recommendation to appoint then Dean Proto as Interim Vice Chancellor. And I join the Chancellor in thanking the entire Board for their support of this action. Though the Vice Chancellor's tenure and his new title is rather brief, his legacy, I assure you, will be long-lasting.

Trustee Biswas stated that Vice Chancellor Proto has served The City University of New York well for many, many years, and his departure will leave a vacuum that cannot possibly be adequately filled. He’s arguably the preeminent authority and advocate for student financial aid issues in the State. He, along with George Chin, City University of New York's Financial Aid Director, are the individuals who financial aid officers in all regions of the State tend to look to for leadership of the critical issues. He has been an invaluable contributor to the Higher Education Service Corporation Board of Directors, and during the short time he has served as Acting Vice Chancellor he has proven why the position is so necessary for the students of The City University of New York. Vice Chancellor Proto – I’ve never called you Bill, but on this occasion I’ll call you Bill – the students of our University owe you a great debt for years of tireless advocacy on their behalf. We will miss you. Thank you so much for your service.

Vice Chancellor Proto stated that it’s been very difficult for me to make the decision I made to leave this University. First, I want to thank Chairwoman Paolucci and Interim Chancellor Kimmich for actually appointing me as the Interim Vice Chancellor. But it's for all the years I've spent here. I've always been around people who were so dedicated to this University that it was so infectious that you picked it up right away. I want to thank everyone that I've been associated with. I had a wonderful staff. I've worked with wonderful people on the campuses. Everyone's always treated me with respect and I hope I've treated everyone in this University with the same respect that I've
garnered over the past years. But most of all, I want to thank the students. I'm not a product of public education. All my education has been in the private sector. I've said before that I've never sat in a class in The City University of New York, never even taught a class in The City University of New York, but I've gotten an education in the past 28 years from the students that this University serves that cannot be gotten anywhere else. We have a wonderful University. We have wonderful people working here. And above all, we have great students and I think we should never lose sight of that. I just want to thank everyone very much for the years I've spent here. Thank you.

Chairwoman Paolucci stated that Bill Proto has never said too many words, but when called on he's always said the right words and, of course, he's always done the right thing. Thank you again, Bill Proto. We'll miss you.

Chairwoman Paolucci noted that she wants to underscore what the Interim Chancellor said about what we are all doing to implement the resolution that was passed on May 26th. We didn't just pass a resolution and sit back. We're all working very, very hard -- I want to make that extremely clear -- and we're attacking the methods and the mechanisms of implementation from a number of fronts, as you've heard. We're also meeting from time to time with the head of the Mayor's Task Force to exchange ideas and to see how we can cooperate in the best way. And, at the other end, we are doing everything we can with the Schools Chancellor, and I'm very happy to hear that you had a meeting recently with Rudy Crew and his staff, because we can begin to talk about specifics, and that's very important for our general plan. So I'm very happy and I want to congratulate the Interim Chancellor, and the Interim Deputy Chancellor, and all the presidents who have responded in a very cooperative way and are continuing to do that.

Upon motions duly made, seconded and carried, the following resolutions were adopted: (Calendar Nos. 1 through 9)

NO. 1. UNIVERSITY REPORT: RESOLVED, That the University Report for June 22, 1998, (including Addendum Items) be approved:

(a) ERRATA: Add the following:

HUNTER COLLEGE
P B-2 APPOINTMENT OF HEO SERIES PERSONNEL WITH NO PRIOR SERVICE (AFFIRMATIVE ACTION REPORT ON FILE EXCEPT ACTING AND SUBSTITUTE APPOINTMENTS) (SW INDICATES WAIVER OF SEARCH): The effective dates of the substitute appointment of Frankie Lopez are revised to read 5/1/98 - 6/30/98.

KINGSBOROUGH COMMUNITY COLLEGE
P B-1 DESIGNATION OF DEPARTMENT CHAIRPERSON: The entry for Coleridge Orr is withdrawn.

HOSTOS COMMUNITY COLLEGE
P B-2 APPOINTMENT OF HEO SERIES PERSONNEL WITH PRIOR FULL-TIME HEO SERIES SERVICE (AFFIRMATIVE ACTION REPORT ON FILE EXCEPT ACTING AND SUBSTITUTE APPOINTMENTS) (SW INDICATES WAIVER OF SEARCH): The entries for Elvis Lockward and Carlos Hargraves are withdrawn.

(b) ADDENDUM: Revise the following:

D 10 BRONX COMMUNITY COLLEGE - ADMINISTRATIVE DESIGNATION - COMMITTEE APPROVAL NOT REQUIRED (EXECUTIVE COMPENSATION PLAN - AFFIRMATIVE ACTION REPORT ON FILE EXCEPT ACTING APPOINTMENTS) (SW INDICATES WAIVER OF SEARCH): Add "SW" at the end of the entry for Nancy Ritze.

D 17 HUNTER COLLEGE - ADMINISTRATIVE DESIGNATION - COMMITTEE APPROVAL NOT REQUIRED (EXECUTIVE COMPENSATION PLAN - AFFIRMATIVE ACTION REPORT ON FILE EXCEPT ACTING APPOINTMENTS) (SW INDICATES WAIVER OF SEARCH): The effective date of entry for Ann Cohen is revised to read 8/10/98.
Board of Trustees Minutes of Proceedings, June 22, 1998

NO. 2. CHANCELLOR’S REPORT: RESOLVED, That the Chancellor’s Report for June 22, 1998, (including Addendum Items) be approved:

(a) ERRATA: Add the following:

BARUCH COLLEGE
P B-1 TRANSFER TO ANOTHER DEPARTMENT (INSTRUCTIONAL STAFF): The effective date of the transfer of Elizabeth Reis is revised to read 6/30/98.

(b) ERRATA: Revise the following:

Page 2 The entry for Borough of Manhattan Community College is revised to read as follows: “BOROUGH OF MANHATTAN COMMUNITY COLLEGE: SECTION All: NEW COURSES: All entries are withdrawn except Section All 15.4, MMP 100.”

NO. 3. APPROVAL OF MINUTES: RESOLVED, That the minutes of the regular Board meeting and the Executive Session of May 26, 1998 be approved:

NO. 4. COMMITTEE ON FISCAL AFFAIRS: RESOLVED, That the following items be approved:

A. BROOKLYN COLLEGE - XEROX COPIER MAINTENANCE SERVICE: Item withdrawn.

B. THE GRADUATE SCHOOL AND UNIVERSITY CENTER - UNIFORMED GUARD SERVICE:

RESOLVED, That the Board of Trustees of the City University of New York authorize The Graduate School and University Center to purchase uniformed guard service under New York State Contract Number PS00518, pursuant to law and University regulations. Such purchase shall not exceed a total estimated cost of $446,000 chargeable to FAS Code 234803409, during the Fiscal Year ending June 30, 1999.

EXPLANATION: This contract will provide uniformed guard service for students, faculty, staff and College property. Coverage will include buildings, entrances/exits, libraries, special events, and all other College activities. The existing contract totals $688,220, the proposed resolution totals $446,000, a reduction of $242,220.

C. LAGUARDIA COMMUNITY COLLEGE - NETWORK INFRASTRUCTURE (E-BUILDING):

RESOLVED, That the Board of Trustees of The City University of New York authorize LaGuardia Community College to purchase project management services, computer cabling, computer hubs, and installation services from IBM Corporation under existing New York State Contract Number PS00374, pursuant to law and University regulations. Such purchase shall not exceed a total estimated cost of $450,000 chargeable to City Capital Budget, Project Nos. CA101-798, LG058-098 and FAS Code 226701309; and be it further

RESOLVED, That the Director of the New York City Office of Management and Budget be requested to approve the funding necessary to award the contract.
EXPLANATION: LaGuardia Community College has developed a Multi-Year Information Technology Plan to provide a network infrastructure for faculty, staff, and students. A component of this plan is to upgrade computer wiring throughout the campus. The wiring will include twelve (12) student computer laboratories which will connect to one network. The new backbone will facilitate electronic communication and access to the Internet and provide sufficient capacity for other initiatives such as access to the College's data warehouse.

D. LAGUARDIA COMMUNITY COLLEGE - AMENDED RESOLUTION FOR PURCHASE OF COMPUTERS:

RESOLVED, That the Board of Trustees of The City University of New York amend the LaGuardia Community College resolution adopted at the meeting of June 23, 1997, Cal. No. 4.A., for the purchase of computers, electronic components, and wiring services for the telecommunications network, and authorize an increase of the funds from an estimated cost of $200,000 to a new cost of $500,000 for the purchase of computers, chargeable to City Capital Project No. C-101-97L.

EXPLANATION: The College is redesignating funds from the June 23, 1997 resolution for the purchase of wiring and telecommunications equipment ($200,000) and increasing the amount for the purchase of computers ($500,000). This reflects LaGuardia Community College's need for computers as part of a multi-year information technology plan to provide faculty, students, and staff with computers. The cost of the necessary wiring ($200,000) will be charged to Borough Presidents' funds.

E. QUEENSBOROUGH COMMUNITY COLLEGE - CONSOLIDATED SERVER: Item tabled.

F. THE CITY UNIVERSITY OF NEW YORK - TELEPHONE SYSTEM:

RESOLVED, That the Board of Trustees of The City University of New York authorize the University Contracting Office to purchase and install a new telephone system at 535 East 80th Street under existing New York State Contract No. T90652, pursuant to law and University regulations. Such purchase shall not exceed a total estimated cost of $300,000 chargeable to FAS Code 2-018-01-309, during the Fiscal Year ending June 30, 1999.

EXPLANATION: The current telephone system was installed in 1989 and has exceeded its useful life. The phone switch has experienced several system-wide outages in recent months. The manufacturer has discontinued production of new parts and is phasing out support for refurbished components. In addition, no vendor supplied training is available to perform routine change to the system. The new system is a digital PBX designed to provide the full range of features required by the Central Office and will offer voice and data integration capabilities for future needs.

G. QUEENSBOROUGH COMMUNITY COLLEGE - INFORMATION TECHNOLOGY:

RESOLVED, That the Board of Trustees of The City University of New York authorize Queensborough Community College to purchase 3Com electronics equipment from Bull Express under existing State of New York Contract Number PT00232, pursuant to law and University regulations, not to exceed a total estimated cost of $140,000, chargeable to Capital Project Number CA 101-786 during the Fiscal Year ending June 30, 1999.

EXPLANATION: Queensborough Community College has embarked on a major technology initiative to deploy a campus area network infrastructure, to provide Internet access, local area network connectivity, and e-mail throughout the campus. This phase of the multi-year plan will enable the College to upgrade Internet access from the Library building, extend connectivity to another building, and provide connectivity to more than a dozen academic departments and classroom computer laboratories. This resolution has been reviewed and approved by the University Dean for Instructional Technology and Information Services.
H. MEDGAR EVERS COLLEGE - ENVIRONMENTAL SCIENCE LABORATORY:

RESOLVED, That the Board of Trustees of The City University of New York authorize the Secretary of the Board to execute a contract on behalf of Medgar Evers College to purchase equipment to upgrade the environmental science laboratory to a State-certified testing facility. The contract shall be awarded to the lowest responsive and responsible bidder after public advertisement and sealed bidding by the College pursuant to law and University regulations. Such purchase shall not exceed a total estimated cost of $180,000 chargeable to Project Nos. HN-K001/ME087-098, and CP-37956. The contract shall be subjected to approval as to form by the University Office of General Counsel.

EXPLANATION: The College has benefited from the design and construction of an Environmental Science Laboratory which provided our students with the laboratory experience necessary to develop and reinforce their acquired knowledge and skills learned through conventional classroom instruction. In order to make the existing laboratory a State-certified testing facility, the College will acquire new state-of-the-art equipment, allowing the College to provide State-certified testing services.

I. MEDGAR EVERS COLLEGE - INFORMATION TECHNOLOGY:

RESOLVED, That the Board of Trustees of The City University of New York authorize Medgar Evers College to purchase and install Integrated Building Distribution Network (IBDN) cable from Wiltel/Nortel Inc., pursuant to law and University regulations. Such purchase shall not exceed a total estimated cost of $300,000 chargeable to Project No. HN-C005/ME075-097.

EXPLANATION: The College has been systematically and prudently working toward integrating its computing and information technology to enhance and improve its academic enterprise, student support services, and administrative operations. This project is part of a two-phase plan to provide integrated computer resources/telecommunications that willconnect the academic and administrative components of the College to the University and other remote sites via the Internet.

NO. 5. COMMITTEE ON ACADEMIC POLICY, PROGRAMS, AND RESEARCH: RESOLVED, That the following items be approved:

A. NEW YORK CITY TECHNICAL COLLEGE - ABOLITION OF THE DEPARTMENT OF DEVELOPMENTAL SKILLS:

RESOLVED, That the Department of Developmental Skills be abolished at New York City Technical College, effective July 1, 1998.

EXPLANATION: Pursuant to a thorough review and with agreement of the affected department and all affected faculty, New York City Technical College proposes to abolish the existing Department of Developmental Skills. Courses offered by the Department of Developmental Skills will be offered by the Departments of English and of Mathematics. As recommended by the Middle States Association, this action is intended to eliminate duplication and provide for the more efficient delivery of classroom instruction.

Thirteen instructional staff members of the Department of Developmental Skills will be transferred to the Department of English. Twelve instructional staff members of the Department of Developmental Skills will be transferred to the Department of Mathematics. One instructional staff member of the Department of Developmental Skills will be transferred to the Department of Social Sciences, and one instructional staff member of the Department of Developmental Skills will be transferred to the classified service.

A separate resolution has been submitted to the Board of Trustees via the University Report Addendum regarding the personnel actions. Contingent upon approval of the Board of Trustees, all faculty members from the Department of Developmental Skills will be transferred to designated departments effective July 1, 1998.
These actions follow consultations with the individual departments and affected faculty, the College Personnel and Budget Committee, the College Council Realignment Committee, and the College Council. The proposed actions are strongly endorsed by the College administration and faculty governance bodies.

B. BARUCH COLLEGE - ABDICATION OF THE DEPARTMENT OF EDUCATION:

RESOLVED, That effective June 30, 1998, the Department of Education at Baruch College be abolished.

EXPLANATION: Baruch College has a uniquely focused role in The City University. It specializes in the business disciplines and administration. The fulfillment of this role requires programs specializing in these fields. It requires the basic programs in the arts and sciences which signify senior college status, and which are fundamental to a university-based professional education.

The continuing internal evaluation of Baruch's programs led to the conclusions that the funding essential to provide an Education program of minimum quality, would be significant, requiring the substantial reallocation of funds from other College programs which have a greater centrality to the College's role in The City University. At the beginning of the 1997-98 academic year the Department's staffing had decreased to a level well below that necessary for a program with the rigorous standards to which the College aspires in its academic programs. At the same time there were other departments, essential for the fulfillment of Baruch's mission which, as a result of the same financial problems that created the situation in Education, were in critical condition with regard to faculty staffing.

The decision to terminate the Education Department was based on two points: (1) the rational allocation of funds at Baruch required all available funds to go to essential departments and (2) the knowledge that the number of Education programs in other CUNY colleges are adequate to serve the needs of the region.

A number of Education programs have been deregistered in recent years. The remaining four registered programs are recommended for deregistration in the University Report, effective June 30, 2001. In anticipation of this action, no new students have been admitted to these programs since 1996 and all students currently in the programs have been given advisement to enable them to complete their coursework at Baruch by June 2000. The College will also facilitate the transfer of students to other CUNY colleges, if that transfer would be of greater benefit to them.

No personnel will be terminated as a result of this action. The seven instructional faculty, two College Laboratory Technicians, one HEO and two secretarial staff remaining in the Education Department will be transferred to other departments and units. The College worked with the affected faculty and in all cases the preferences of the faculty were pursued diligently. The necessary personnel transfers will be effected through the University Report Addendum.

There has been a comprehensive review of these issues in the College. The President, Provost, Vice President for Administration, and Dean of Liberal Arts and Sciences have met with the relevant Department, School and College governance bodies. Support within the Department by students and faculty for disestablishment was limited, and the College Faculty Senate adopted a resolution opposing it. However, there were no satisfactory resolutions found to the issues which precipitated a review of the Department, and those issues remain as urgent now as they did when the review process started. The President therefore recommends the abolition of the Department of Education and the transfer of its personnel effective June 30, 1998, and the deregistration of the Department's degree programs as of June 30, 2001.

Trustee Sohmer stated that this is an example of the President usurping powers which both the faculty and the Board of Trustees are supposed to have. The pattern here was that the President refused to appoint people to the department when they needed it. The department then became too small, and then the President decided that the department should vanish. He queried the faculty and the faculty voted "NO" that the department should not vanish. The President then recommended to the Board that it eliminate the department and the Board voted "YES". That pattern is unfortunate. It transgresses all of governance that most of us know as shared governance. And it also actually usurps the power of the Trustees, because it was accomplished by bringing to the Board of Trustees a fait
accompli which even the Board of Trustees had to concur in, because, indeed, the mass was too small. I just want to go on the record that all of us should be warned against this kind of usurpation of authority and governance.

C. BARUCH COLLEGE - MASTER OF SCIENCE IN INTERNAL AUDITING:

RESOLVED, That the program in Internal Auditing leading to the Master of Science degree to be offered at Baruch College be approved effective September, 1998, subject to financial ability.

EXPLANATION: The purpose of the proposed program is to provide persons currently engaged in internal auditing and persons aspiring to become internal auditors the opportunity to learn advanced methods, concepts and technical skills in order to prepare for leadership roles in the internal auditing profession. The proposed curriculum is designed to satisfy the requirements of the American Association of Collegiate Schools of Business, as well as the auditing program requirements of the Institute of Internal Auditors which certifies persons who successfully complete the Institute's exam in internal auditing.

The proposed program was developed in response to needs expressed by businesses and by the Institute of Internal Auditors.

D. THE GRADUATE SCHOOL AND UNIVERSITY CENTER - LETTER OF INTENT FOR PH.D. PROGRAM IN BIOMEDICAL ENGINEERING:

RESOLVED, That the letter of intent for a Ph.D. Program in Biomedical Engineering be approved and that The Graduate School be allowed to proceed with the preparation of a program proposal to be presented to the Board of Trustees for approval to offer a new Ph.D. program in Biomedical Engineering at The Graduate School.

EXPLANATION: The Graduate School, through The City College School of Engineering, has been involved in biomedical engineering education and research for twenty-five years. A Center for Biomedical Research was established as a CUNY Institute in 1996. In 1997 the Center received a "Special Opportunity Award" of one million dollars from the Whitaker Foundation to establish a Ph.D. curriculum in Biomedical Engineering. The Graduate School has developed a comprehensive design for an interdisciplinary Ph.D. in Biomedical Engineering supported by the existing programs in Chemical, Civil, Electrical, and Mechanical Engineering. The Graduate School would like the opportunity to develop a program proposal to be presented to the Board of Trustees.

NOTE: (See Appendix D)

E. QUEENSBOROUGH COMMUNITY COLLEGE - CERTIFICATE PROGRAM - SCHOOL SECRETARY:

RESOLVED, That the program in School Secretary leading to a Certificate to be offered at Queensborough Community College be approved, effective September, 1998, subject to financial ability.

EXPLANATION: The purpose of the proposed program is to provide the knowledge and skills necessary for persons who wish to prepare for passing the academic and performance components of the School Secretary Civil Service examination. In addition, the program will provide persons currently working in School Secretary positions an opportunity to enhance their job skills and complete the 30 college credits required by the Board of Education for permanent licensure.

The most recent report from the Board of Education indicates that the number of permanent School Secretary positions budgeted exceeds 3,000. As secretaries retire or relocate, competent replacements must be found for these positions.

All courses required for the proposed program are already offered by the College on a regularly scheduled basis and support other curricula as well. Accordingly, the proposed program will be cost-effective and will offer further educational opportunities and increased career options for graduates.
F. BROOKLYN COLLEGE - BACHELOR OF ARTS IN ENVIRONMENTAL STUDIES:

RESOLVED, That the program in Environmental Studies leading to the Bachelor of Arts degree to be offered at Brooklyn College, be approved effective September, 1998, subject to financial ability.

EXPLANATION: The proposed major is an interdisciplinary liberal arts program directed to educating students in both the social and the physical sciences within the range of areas related to the environment. The concept for this program derives from the fact that the solution for environmental problems more often than not involves a coherent approach and analysis by several persons from varied specialized fields. Thus, there is a need for environmentalists fluent in the languages of both the social and the physical sciences who have the educational background to cross traditional disciplinary boundaries.

In addition to direct career opportunities requiring a background of interdisciplinary knowledge of the environment, the program is expected to provide useful preparation for careers in teaching, journalism, politics, and business, as well as for graduate or professional school.

Only two new courses will be needed to offer the program. All the other required courses already are offered on a regularly scheduled basis at the College. Sufficiently qualified faculty are available to teach all the courses in the program.

G. THE COLLEGE OF STATEN ISLAND - ASSOCIATE IN SCIENCE IN ARCHITECTURAL STUDIES:

RESOLVED, That the program in Architectural Studies leading to the Associate in Science degree to be offered at The College of Staten Island be approved, effective September, 1998, subject to financial ability.

EXPLANATION: For over twenty-five years The College of Staten Island has offered a concentration in Building Construction/Design Drafting within its existing registered program in Civil Engineering Technology. Over the years the concentration has evolved into a two-year course of study that allowed graduates to transfer with advanced standing into accredited professional schools of architecture. After a recent review of the curriculum, it was determined that the program had developed into a distinct degree program that should be registered separately so that graduates of the program will receive the appropriate degree title on their diplomas.

The program is specifically designed for transfer to The City College School of Architecture and Environmental Studies so that graduates of the program may enter into the third year of the architecture programs at City College with no loss of credit. Thus, the approval of this program includes a waiver of the Board's 60/120 credit policy to allow for a total of 68 credits that are required for the completion of the degree.

Since The College of Staten Island has offered this curriculum for over twenty-five years, the resources needed for the continued support of the program are already in place at the College. No new resources will be required over the next five years.

H. YORK COLLEGE - BACHELOR OF SCIENCE IN PHYSICIAN ASSISTANT:

RESOLVED, That the program in Physician Assistant leading to the Bachelor of Science degree to be offered at York College be approved, effective September, 1998, subject to financial ability.

EXPLANATION: The purpose of the proposed program is to provide graduates with the knowledge and skills necessary so they may be eligible to sit for the New York State licensure examination for Physician Assistant. The program is designed according to the guidelines published by the American Academy of Physician Assistants (AAPA) and also conforms to the accreditation standards of the Commission on Accreditation of Allied Health Programs (CAAHEP).
The Physician Assistant program is a collaborative effort between York College and the Queens Health Network (Emhrust Hospital, Queens General Hospital and other satellite facilities). Because federal legislation signed into law last year provides funds to assure that the number of medical doctors being trained and employed in primary care facilities is reduced (New York Times, August 25, 1997, "1000 Hospitals Will Be Paid To Reduce Supply of Doctors"), the Queens Health Network must move to using mid-level providers such as physician assistants and nurse practitioners for a much greater share of the care and treatment of patients. Thus, the proposed program addresses the need for mid-level providers in the communities served by the Queens Health Network and provides career opportunities in medical care for individuals from under-represented ethnic and racial groups.

I. THE CITY COLLEGE - CENTER FOR WATER RESOURCES AND ENVIRONMENTAL RESEARCH:

RESOLVED, That the Center for Water Resources and Environmental Research (CWRER) be established at The City College in accordance with the Policy Guidelines on Research Centers and Institutes set forth by the Board of Trustees, February, 1995.

EXPLANATION: The purpose of the proposed Center is to mobilize the intellectual resources of City College faculty and to draw upon the talents of faculty from other campuses to assist in creating and implementing an interdisciplinary research entity to work at solving the urgent problem of effective, economical, and efficient conservation of natural resources and the environment.

The proposed Center will be affiliated with Municipal Waste Research Institute (MWRI) and Applied Science Coordinating Institute (ASCI). The CWRER will be entirely supported through external funding including some funding from the Municipal Waste Institute. The faculty that will be associated with the Center have secured more than $1,500,000 in research grant funding in the last three years. A minimum of $1,000,000 of additional funding is anticipated over the next five years.

The proposed Center will be housed at The City College's School of Engineering. Research facilities include research laboratories and computer facilities in the School of Engineering and Sciences.

Chairwoman Paolucci stated that she would like to take a moment to thank Trustee Ruiz for her work on the Ad Hoc Seamless Transition Committee that she's been heading. I received a report just a couple of days ago from her, and it's very, very interesting. I think we're getting somewhere in terms of strategies and possible cooperative mechanisms with the public schools, and that report will be made available at some point in the near future. So I want to thank Trustee Ruiz and her Committee because they've been working very, very hard on this.

NO. 6. COMMITTEE ON FACULTY, STAFF, AND ADMINISTRATION: RESOLVED, That the following items be approved:

A. DISTINGUISHED PROFESSORS: RESOLVED, That the following be designated Distinguished Professors in the departments, and the colleges, and for the effective dates indicated, with compensation of $20,000 per annum in addition to their regular academic salaries, subject to financial ability:

<table>
<thead>
<tr>
<th>COLLEGE AND UNIVERSITY CENTER</th>
<th>NAME</th>
<th>DEPARTMENT</th>
<th>EFFECTIVE</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Graduate School</td>
<td>Aronowitz, Stanley</td>
<td>Sociology</td>
<td>September 1, 1998</td>
</tr>
<tr>
<td>and University Center</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hunter College</td>
<td>Filbin, Marie</td>
<td>Biological Sciences</td>
<td>September 1, 1998</td>
</tr>
<tr>
<td>Hunter College</td>
<td>Morris, Robert</td>
<td>Art</td>
<td>September 1, 1998</td>
</tr>
<tr>
<td>Baruch College</td>
<td>Schulman, Grace</td>
<td>English</td>
<td>September 1, 1998</td>
</tr>
</tbody>
</table>
B. VISITING DISTINGUISHED PROFESSORS: RESOLVED, That the following be designated Visiting Distinguished Professors in the department, and the college, and for the effective dates indicated, with compensation of $20,000 per annum in addition to their regular academic salary, subject to financial ability:

<table>
<thead>
<tr>
<th>COLLEGE</th>
<th>NAME</th>
<th>DEPARTMENT</th>
<th>EFFECTIVE</th>
</tr>
</thead>
<tbody>
<tr>
<td>LaGuardia Community College</td>
<td>Davidson, Bruce</td>
<td>Photography</td>
<td>September 1, 1998</td>
</tr>
<tr>
<td>Queens College</td>
<td>Jackson, Philip W.</td>
<td>Secondary Education</td>
<td>September 1, 1998</td>
</tr>
</tbody>
</table>

C. BYLAW AMENDMENT: Notice is served of the introduction of an amendment to the Board Bylaws to include the titles of Medical Lecturer and Adjunct Medical Lecturer at the Sophie Davis School of Biomedical Education of The City College:

RESOLVED, That Section 6.1 of the Bylaws by amended to read:

Section 6.1. INSTRUCTIONAL STAFF. The instructional staff shall consist of the persons employed in the following titles:

Chancellor
Deputy Chancellor
Sr. Vice Chancellor for facilities, planning, construction, and management
Vice Chancellor
University administrator
University associate administrator
University assistant administrator
President
Vice President
Assistant Vice President
University Dean
University Associate Dean
University Assistant Dean
Dean
Associate Dean
Assistant Dean
Administrator
Associate Administrator
Assistant Administrator
Distinguished Professor
Professor
Associate Professor
Assistant Professor
Medical Professor (basic sciences)
Associate Medical Professor (basic sciences)
Assistant Medical Professor (basic sciences)
Medical Lecturer
Adjunct Medical Professor (basic sciences)
Adjunct Associate Medical Professor (basic sciences)
Adjunct Assistant Medical Professor (basic sciences)
Adjunct Medical Lecturer
Medical Professor (clinical)
Associate Medical Professor (clinical)
Assistant Medical Professor (clinical)
Visiting Professor
Visiting Associate Professor
Visiting Assistant Professor
Adjunct Professor
Adjunct Associate Professor
Adjunct Assistant Professor
Adjunct Lecturer
Lecturer (full-time)
Lecturer (part-time)
Instructor
Instructor (nursing science)
Research Associate
Research Assistant
Clinical Assistant
Senior Registrar
Registrar
Associate Registrar
Assistant Registrar
Registrar's Assistant
Chief College Laboratory Technician
Senior College Laboratory Technician
College Laboratory Technician
Chief College Physician
College Physician
Higher Education Officer
Higher Education Associate
Higher Education Assistant
Assistant to Higher Education Officer
Higher Education Aide
Business Manager
Assistant Business Manager
Assistant to Business Manager
c. Persons who have been employed and have served as teachers or counselors for five full years and who are reappointed for a sixth full year of continuous full-time service in the title of lecturer (full-time) or medical lecturer shall be granted an administrative certificate of continuous employment.

Where an appointee begins his/her service at any time after September thirtieth, the time toward the award of an administrative certificate of continuous employment shall not start to accrue until the first of September following the appointment, except that an appointment made during the month of September shall be deemed to be an appointment as of September first of that year for purposes of an administrative certificate of continuous employment.

and be it further

RESOLVED, That section 6.4.c. of the Bylaws be amended to read:

and be it further

RESOLVED, That section 6.5. of the Bylaws be amended to read:

Section 6.5. APPOINTMENTS WITHOUT TENURE.

Nothing contained in this article shall be construed as conferring or permitting tenure, or service credit towards the achievement of tenure in the positions of chancellor, deputy chancellor, sr. vice chancellor for facilities, planning, construction, and management, vice chancellor, deputy vice chancellor for management and budget, university administrator, university associate administrator, university assistant administrator, president, vice president, assistant vice president, university dean, university associate dean, university assistant dean, dean, associate dean, assistant dean, administrator, associate administrator, assistant administrator, director of campus schools, department chairperson, chief librarian, principal, supervisor, distinguished professor, medical lecturer, adjunct medical professor (basic sciences), adjunct associate medical professor (basic sciences), adjunct assistant medical professor (basic sciences), adjunct medical professor (clinical), adjunct associate medical professor (clinical), adjunct assistant medical professor (clinical), adjunct medical lecturer, visiting professor, visiting associate professor, visiting assistant professor, adjunct professor, adjunct associate professor, adjunct assistant professor, adjunct lecturer, higher education officer, higher education associate, higher education assistant, assistant to higher education officer, higher education intern, research associate, research assistant, clinical assistant, lecturer (full-time), lecturer (part-time), instructor appointed after October 1, 1968, business manager, assistant business manager, assistant to business manager, continuing education teacher, all positions in the early childhood centers
programs, or any other instructional positions not included on the permanent instructional staff, except that prior service as a full-time lecturer or lecturer (full-time) may be considered toward the award of tenure to persons in a title on the permanent instructional staff. Appointment to any such non-tenure-bearing position, or removal therefrom, however, shall not deprive the person so appointed or removed of tenure in the highest position on the staff held with tenure prior to his/her appointment to such office, or conjointly with such office, nor shall such appointment or removal deprive any person of service credit toward the achievement of tenure under the provisions of this article. All persons appointed chancellor, deputy chancellor, president, sr. vice chancellor for facilities, planning, construction, and management, vice chancellor, deputy vice chancellor for management and budget, vice president, university dean, university associate dean, university assistant dean, dean, associate dean, assistant dean, director of campus schools, or principal, if not already appointed to a position on the permanent instructional staff, may be appointed to an instructional position.

and be it further

RESOLVED, That Section 11.41 be renumbered to be Section 11.43 and that Section 11.41, as renumbered, is hereby amended as follows:

Section 11.41. MEDICAL LECTURER.

A. Position Definition: As a member of the faculty of the Sophie Davis School of Biomedical Education, a medical lecturer shall perform teaching, a variety of clinical and administrative duties, and related faculty duties on a full-time basis.

B. Qualifications: For appointment as a medical lecturer, a person must possess a baccalaureate degree and appropriate professional licensure, registration, certification, or such other qualifications as may be necessary for the satisfactory performance of his/her instructional and administrative functions.

and be it further

RESOLVED, That a new Section 11.42 be added as follows:

Section 11.42. ADJUNCT MEDICAL LECTURER.

A. Position Definition: Persons employed in this adjunct title shall be assigned to teach and to perform the other duties of a medical lecturer on a part-time basis.

B. Qualifications: For appointment as an adjunct medical lecturer, a person must have those qualifications or professional achievement and training comparable to medical lecturers appointed through the regular channels of the colleges or university.

NOTE: Matter underlined is new.

EXPLANATION: Pursuant to these resolutions, the Board of Trustees would create the titles of medical lecturer and adjunct medical lecturer. The medical lecturer title would not carry tenure, but incumbents would be eligible for a certificate of continuous employment on the same basis as lecturers (full-time). The initial salary range for this title would be $45,000 to $70,000.

The primary purpose of this new title is to staff the physician assistants program of the Sophie Davis School of Biomedical Education. Physician assistants are needed to coordinate and monitor students throughout the didactic and clinical phase of the program. The functions of a medical lecturer would include: the development, coordination, and monitoring of course schedules, identifying students' academic problems, and providing academic counseling, working closely with local institutions to establish and/or maintain clinical rotations at those institutions, developing rules and regulations for students on rotation, curriculum design, implementation and review, teaching in respective specialty, participation in educational research efforts, development of appropriate instructional
The Sophie Davis School of Biomedical Education currently hires physician assistants in higher education officer series titles to perform these functions. The Commission on Accreditation of Allied Health Education Programs recommended that physician assistants working in the program have academic appointments. Creation of the title of medical lecturer will permit The Sophie Davis School to recruit and compensate physician assistants in a title and at a salary appropriate to their functions. Nationwide, 83% of physician assistant faculty have academic appointments.

D. THE CITY UNIVERSITY OF NEW YORK - ESTABLISHMENT OF SALARY RATES FOR THE NEW TITLES OF MEDICAL LECTURER AND ADJUNCT MEDICAL LECTURER:

RESOLVED, That the salary range for the title medical lecturer shall be $45,000 to $70,000, subject to such modification as may occur through collective bargaining or other action of the Board of Trustees; and be it further

RESOLVED, That the range of the hourly rate for adjunct medical lecturer be $24.73 to $38.46, subject to such modification as may occur through collective bargaining or other action of the Board of Trustees.

EXPLANATION: Pursuant to the amendments to Bylaw Section 6.1, 6.4.c., 11.41., 11.42., and 11.43., the Board of Trustees would create the titles of medical lecturer and adjunct medical lecturer. The medical lecturer title would not carry tenure, but incumbents would be eligible for a certificate of continuous employment on the same basis as lecturers (full-time). The initial salary range for this title would be $45,000 to $70,000.

E. BYLAW AMENDMENT: Notice is served of the introduction of the following amendment to Section 4.1 of the Bylaws of the Board of Trustees, with respect to removing the president of the Mount Sinai School of Medicine from the Council of Presidents:

RESOLVED, That Section 4.1 of the Bylaws of the Board on The Council of Presidents, be amended as follows:

Section 4.1 THE COUNCIL OF PRESIDENTS.

There shall be a council of presidents composed of the chancellor, as its permanent chairperson, the deputy chancellor, and the presidents of the several colleges [, and the president of Mount Sinai School of Medicine].

and be it further

RESOLVED, That this amendment shall be effective July 1, 1999.

NOTE: Matter underlined is new; matter in brackets is deleted.

EXPLANATION: The affiliation agreement between The City University of New York and the Mount Sinai School of Medicine will terminate effective July 1, 1999.

F. THE CITY UNIVERSITY OF NEW YORK - THE 1998 EARLY RETIREMENT INCENTIVE PROGRAM:

RESOLVED, That Board of Trustees of The City University of New York approve the participation of The City University of New York, including the senior and community colleges, in the 1998 State Retirement Incentive Program enacted into law by Chapter 47 of the Laws of 1998, which amended Chapter 41 of the Laws of 1997, or under any amendment thereto, and authorizes the Chancellor to take all necessary steps to implement the 1998 Retirement Incentive Program, and that the Chancellor provide the Board of Trustees with specific information as to
the open period and eligible titles and further, that the Chancellor provide the Board of Trustees with appropriate reports on the impact of the 1998 Retirement Program on The City University.

EXPLANATION: On May 13, 1998, Governor Pataki signed legislation which grants the University the opportunity to participate in the State's retirement incentive program for the coming year. The program provides the colleges with the ability to reallocate resources to vital areas, particularly for teaching faculty. It is an effective management tool that enhances campus flexibility and does not require an increase in funding.

NO. 7. COMMITTEE ON FACILITIES, PLANNING, AND MANAGEMENT: RESOLVED, That the following items be approved:

A. HOSTOS COMMUNITY COLLEGE - FUME HOODS:

RESOLVED, That the Board of Trustees of The City University of New York amend the resolution adopted at the meeting of March 4, 1998, Cal. No. B.2., for construction of five new fume hoods in the Allied Health Building of Hostos Community College, to authorize an increase in the estimated cost from $272,726 to a new cost of $362,000 chargeable to Capital Project No. HS035-993.

EXPLANATION: The construction bids received were higher than the estimated cost approved by the Board of Trustees of The City University of New York.

B. KINGSBOROUGH COMMUNITY COLLEGE - ACADEMIC VILLAGE:

RESOLVED, That the Board of Trustees of The City University of New York approve the selection of the firms of Gruzen Samton LLP and Davis Brody Bond LLP, to prepare plans, specifications, and cost estimates for the Academic Village at Kingsborough Community College, CUNY Project No. KG117-097; and be it further

RESOLVED, That the City University Construction Fund be requested to authorize the Dormitory Authority of the State of New York to enter into a contract for the design of the aforesaid construction project.

EXPLANATION: The University, on behalf of Kingsborough Community College, has acquired federal excess property on the western side of the College campus. The Academic Village is the structure planned for this parcel. The first new structure under the new Master Plan will be a 40,000 gross square-foot building, accommodating offices for community-related programs such as Continuing Education, College Now for high school students, My Turn for older adults, and Community Outreach programs, including a Distance Learning Center. The Early Childhood Education department will be housed in the building, and there will be 5,500 square feet of general academic instruction space.

The proposed firms were selected in accordance with law and the procedures established by the University. They will operate as a joint venture.

C. KINGSBOROUGH COMMUNITY COLLEGE - REPLACEMENT OF LOCKSETS FOR ADA COMPLIANCE:

RESOLVED, That the Board of Trustees of The City University of New York authorize the Secretary of the Board to execute a contract on behalf of Kingsborough Community College for the replacement of locksets for ADA requirements. The contract shall be awarded to the lowest responsive and responsible bidder after public advertisement and sealed bidding by the College pursuant to law and University regulations. The contract shall be chargeable to City Capital Budget, Project No. KG095-094 at a cost not to exceed $319,225. Such contract or contracts shall be subject to approval as to form by the University Office of General Counsel; and be it further

RESOLVED, That the Director of the New York City Office of Management and Budget be requested to approve the funding necessary to award these contract.
EXPLANATION: This project will replace approximately 2,825 door knobs in all permanent buildings to comply with the Americans with Disabilities Act.

D. KINGSBOROUGH COMMUNITY COLLEGE - RENOVATION AND REPLACEMENT OF LOCKERS (CAMPUS-WIDE):

RESOLVED, That the Board of Trustees of The City University of New York authorize the Secretary of the Board to execute a contract on behalf of Kingsborough Community College for the renovation and replacement of lockers. The contract shall be awarded to the lowest responsive and responsible bidder after public advertisement and sealed bidding by the College pursuant to law and University regulations. The contract shall be chargeable to City Capital Budget, Project No. KG103-996 for an amount not to exceed $130,000. The contract shall be subject to approval as to form by the University Office of General Counsel; and be it further

RESOLVED, That the Director of the New York City Office of Management and Budget be requested to approve the funding necessary to award this contract.

EXPLANATION: This project will replace approximately 800 lockers in the Health and Physical Education facility and art studios. The lockers are over 20 years old and are in a deteriorated condition.

E. LAGUARDIA COMMUNITY COLLEGE - ESTABLISHMENT OF A DISTANCE LEARNING CLASSROOM:

RESOLVED, That the Board of Trustees of The City University of New York authorize the Secretary of the Board to execute a contract on behalf of LaGuardia Community College for the development of a distance learning classroom by renovating existing space. The contract shall be awarded to the lowest responsive and responsible bidder after public advertisement and sealed bidding by the College pursuant to law and University regulations. The contract shall be chargeable to City Capital Budget, Project No. HN-206 at a cost not to exceed $176,000. Such contract shall be subject to approval as to form by the University Office of General Counsel; and be it further

RESOLVED, That the Board of Trustees of The City University of New York authorize the Secretary of the Board to execute a contract on behalf of LaGuardia Community College for the purchase of furniture for the distance learning classroom. The contract shall be subject to approval as to form by the University Office of General Counsel; and be it further

RESOLVED, That the Board of Trustees of The City University of New York authorize the Secretary of the Board to execute a contract on behalf of LaGuardia Community College for the purchase of equipment for the distance learning classroom. The contract shall be subject to approval as to form by the University Office of General Counsel; and be it further

RESOLVED, That the Director of the New York City Office of Management and Budget be requested to approve the funding necessary to award these contracts.

EXPLANATION: LaGuardia Community College is developing a distance learning classroom which will provide space, cabinets and the necessary video and audio equipment hookups as well as cabinets with the mounting connections necessary. This classroom will give the College faculty the ability to provide instruction utilizing the latest technology.
F. THE CUNY SCHOOL OF LAW - SITE SAFETY AND SECURITY AND THE CUNY LAW SCHOOL PEDESTRIAN LINK:

RESOLVED, That the Board of Trustees of The City University of New York authorize the Secretary of the Board to execute a contract on behalf of CUNY Law School for site safety and security and the CUNY Law School pedestrian link projects. The contract shall be awarded to the lowest responsive and responsible bidder after public advertisement and sealed bidding by the College pursuant to law and University regulations. The contract shall be chargeable to State Capital Construction Fund, Project Nos. CL015-095 and CL022-087 at a cost not to exceed $679,000. The contract shall be subject to approval as to form by the University Office of General Counsel.

EXPLANATION: This contract will encompass two projects. The first project involves exterior security and safety improvements, such as additional lighting and repair and replacement of deteriorating walkways and entrance stairs throughout the perimeter of the building. The second project will create a pedestrian link between the CUNY Law School and the Queens College campus. The walkway, complete with fencing, landscaping, grading, site drainage, and lighting, will provide a safe, convenient, and direct method of pedestrian movement between the two campuses.

The design firm of Lee Weintraub Landscape Architecture Community Design was approved by the Board of Trustees of The City University of New York on November 25, 1996, Cal. No. 3.H.

G. LEHMAN COLLEGE - DIVISION OF EDUCATION COMPUTER TRAINING IN CARMAN HALL BASEMENT:

RESOLVED, That the Board of Trustees of The City University of New York authorize the Secretary of the Board to execute a contract on behalf of Lehman College for purchasing and installing furniture and equipment for the Division of Education Computer Training. The contract shall be awarded to the lowest responsive and responsible bidder after public advertisement and sealed bidding by the College pursuant to law and University regulations. The contract shall be chargeable to City Capital Budget, Project No. LM080-098 at a cost not to exceed $195,000. The contract shall be subject to approval as to form by the University Office of General Counsel; and be it further

RESOLVED, That the Director of the New York City Office of Management and Budget be requested to approve the funding necessary to award this contract.

EXPLANATION: This project will provide the necessary computer equipment, software, cabling and classroom furniture to create two network computer training facilities for the Division of Education in the basement of Carman Hall.

H. MEDGAR EVERS COLLEGE - GYMNASIUM REHABILITATION:

RESOLVED, That the Board of Trustees of The City University of New York authorize the Secretary of the Board to execute a contract on behalf of Medgar Evers College for a gymnasium rehabilitation, Project No. ME052-094. The contract shall be awarded to the lowest responsive and responsible bidder after public advertisement and sealed bidding by the College pursuant to law and University regulations. The contract shall be chargeable to City Capital Budget, Project No. ME052-094 at a cost not to exceed $230,000. The contract shall be subject to approval as to form by the University Office of General Counsel; and be it further

RESOLVED, That the Director of the New York City Office of Management and Budget be requested to approve the funding necessary to award this contract.

EXPLANATION: The necessary rehabilitation of the gymnasium in the Carroll Street building will provide Medgar Evers College with a refurbished multi-purpose space. The project includes a new wood floor, new bleachers, new lighting (for gymnasium and multi-purpose functions), a new impact resistant acoustical ceiling, and a new electronic scoreboard/shot clock.
I. MEDGAR EVERS COLLEGE - PURCHASE OF MODULAR TRAILERS AND GENERAL CONSTRUCTION: Item withdrawn.

J. NEW YORK CITY TECHNICAL COLLEGE - STAGE TECHNOLOGY RENOVATION PHASE I:

RESOLVED, That the Board of Trustees of The City University of New York authorize the Secretary of the Board to execute a contract on behalf of New York City Technical College for stage technology renovation. The contract shall be awarded to the lowest responsive and responsible bidder after public advertisement and sealed bidding by the College pursuant to law and University regulations. The contract shall be chargeable to State Capital Construction Fund, Project No. NY056-094 at a cost not to exceed $750,800. The contract shall be subject to approval as to form by the University Office of General Counsel.

EXPLANATION: The renovation of the existing, abandoned, automotive technology garage behind Voorhees Hall will provide a new facility for the College's new Theater and Arts Technology program. The 4,400 square foot facility will house the stage set construction and lighting set-up functions. The Scenery Assembly and Wood Shop programs will occupy the ground level and a Scenery Paint Shop will fill the new loft space. The renovation includes new air conditioning and increasing the height from 18 to 23 feet to allow adequate space for assembling scenery.

The Board of Trustees approved a resolution for the selection of the design consultant firm of Margaret Helfand Architects on February 27, 1995, Cal. No. 4.E.

K. NEW YORK CITY TECHNICAL COLLEGE - TELECONFERENCING SERVICE CENTER VOORHEES HALL:

RESOLVED, That the Board of Trustees of The City University of New York authorize the Secretary of the Board to execute a contract on behalf of New York City Technical College for construction of the Teleconferencing Service Center, Project NY067-996. The contract shall be awarded to the lowest responsive and responsible bidder after public advertisement and sealed bidding by the College pursuant to law and University regulations. The contract shall be chargeable to City Capital Budget, Project No. NY067-996 at a cost not to exceed $425,000. The contract shall be subject to approval as to form by the University Office of General Counsel; and be it further

RESOLVED, That the Director of the New York City Office of Management and Budget be requested to approve the funding necessary to award this contract.

EXPLANATION: The renovation of the existing auditorium in Voorhees Hall will provide New York City Technical College with satellite teleconferencing capabilities to serve the student body as well as the adjacent business, commercial and educational communities. This project will provide new seating, two control booths, electrical/mechanical upgrading and acoustical treatment.

The Board of Trustees approved a resolution for the selection of the design consultant firm of Swanke Hayden Connell Ltd., on February 10, 1997, Cal. No. 4.E.

NO. 8. COMMITTEE ON STUDENTS AFFAIRS AND SPECIAL PROGRAMS: RESOLVED, That the following items be approved:

A. QUEENSBOROUGH COMMUNITY COLLEGE - STUDENT ACTIVITY FEE INCREASE, DAY SESSION:

RESOLVED, That the student activity fee paid by Day Session students at Queensborough Community College be increased from $49.85 to $52.85 per semester for full-time students and from $21.35 to $22.85 per semester for part-time students, effective Fall 1998 in accordance with the following schedule:
The summer session fee shall continue to be $14.85, of which $14.00 is allocated by the College Association and $0.85 by the University Student Senate.

EXPLANATION: The proposed student activity fee schedule represents an increase of $3.00 in the full-time and $1.50 in the part-time day session student activity fee schedules. This will increase the local earmarkings for the QCC Academic Tutoring and Writing Center from $9.00 to $12.00 for full-time students and from $3.00 to $4.50 for part-time students.

A student activity fee referendum was held in accordance with University Bylaw Section 16.12, in conjunction with student government elections held April 29 and 30, 1998. The vote on the referendum was 1,101 in favor, and 229 opposed to the fee increase with 15.6% of the eligible students voting on the referendum. The College President strongly supports this fee increase which received overwhelming student support and which will provide an important service for the academic success and retention of day students. This is the first increase in the day session student activity fee since 1990.

Within the College Association Fee, the following local earmarkings for full-time and part-time day session students will exist: Student Government ($15.00/$3.50); Campus Center ($1.50/$1.00); Athletics and Recreation ($10.00/$5.00); Cultural Council ($3.00/$2.00); and Tutoring Services ($12.00/$4.50).

Within the College Association Summer Session Fee, the following local earmarkings exist: Student Activities ($2.50); Campus Center Lounge ($1.00); Athletics and Recreation ($5.00); and Cultural Council ($1.50).

Local earmarkings at the College have been established and are subject to change at the College in accordance with the referendum process set forth in University Bylaw Section 16.12 provided there is no change in the total fee. The earmarkings set forth in the resolution may only be changed by further Board action.

The student activity fee allocated by NYPIRG is refundable, in accordance with procedures, subject to the approval of the College President.

B. QUEENSBOROUGH COMMUNITY COLLEGE - STUDENT ACTIVITY FEE INCREASE, EVENING SESSION:

RESOLVED, That the student activity fee paid by Evening Session students at Queensborough Community College be increased from $34.85 to $38.85 per semester for full-time students and from $14.85 to $17.85 per semester for part-time students, effective Fall 1998 in accordance with the following schedule:

<table>
<thead>
<tr>
<th>Earmarked Allocating Body</th>
<th>Current Fee</th>
<th>Proposed Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>FT/PT</td>
<td>FT/PT</td>
</tr>
<tr>
<td>College Association</td>
<td>$34.00/$14.00</td>
<td>$38.00/$17.00</td>
</tr>
<tr>
<td>University Student Senate</td>
<td>$00.85/$00.85</td>
<td>$00.85/$00.85</td>
</tr>
<tr>
<td>Total Student Activity Fee</td>
<td>$34.85/$14.85</td>
<td>$38.85/$17.85</td>
</tr>
</tbody>
</table>

The summer session fee shall continue to be $14.85 of which $14.00 is allocated by the College Association and $0.85 by the University Student Senate.
EXPLANATION: The proposed student activity fee schedule represents an increase of $4.00 in the full-time and $3.00 in the part-time evening session student activity fee schedules. This will establish local earmarkings for the QCC Academic Tutoring and Writing Center of $4.00 for full-time and $3.00 for part-time evening students.

A student activity fee referendum was held in accordance with University Bylaw Section 16.12, in conjunction with student government elections held April 29 and 30, 1998. The vote on the referendum was 342 in favor and 45 opposed to the fee increase with 24.7% of the eligible students voting on the referendum. The College President strongly recommends the fee increase which received overwhelming student support and which will provide an important service for the academic success and retention of day students. This is the first increase in the evening session student activity fee since 1987.

Within the College Association Fee, the following local earmarkings for full-time and part-time evening session students will exist: Student Government ($13.00/$2.50); Humanities Program ($1.50/$1.00); Athletics and Recreation ($9.00/$5.00); Cultural Council ($3.00/$1.50); and Tutoring Services ($4.00/$3.00).

Within the College Association Summer Session Fee, the following local earmarkings exist: Student Activities ($2.50); Campus Center Lounge ($1.00); Athletics and Recreation ($5.00); and Cultural Council ($1.50).

Local earmarkings at the College have been established and are subject to change at the College in accordance with the referendum process set forth in University Bylaw Section 16.12 provided there is no change in the total fee. The earmarkings set forth in the resolution may only be changed by further Board action.

C. BARUCH COLLEGE - STUDENT ACTIVITY FEE INCREASE:

RESOLVED, That the student activity fees paid by students at Baruch College be increased by $10.00 per semester, effective the Fall 1998 semester, in accordance with the following student activity fee schedules for the (1) Day Session; (2) Evening Session; (3) Graduate Division; and (4) Summer Session.

(1) Day Session

<table>
<thead>
<tr>
<th>Earmarking</th>
<th>Allocating Body</th>
<th>Current Fee FT/PT</th>
<th>Proposed FT/PT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Student Center</td>
<td>College Assoc.</td>
<td>$22.65/$10.50</td>
<td>$22.65/$10.50</td>
</tr>
<tr>
<td>Athletics</td>
<td>College Assoc.</td>
<td>$08.00/$03.80</td>
<td>$08.00/$03.80</td>
</tr>
<tr>
<td>Communications</td>
<td>College Assoc.</td>
<td>$04.50/$02.10</td>
<td>$04.50/$02.10</td>
</tr>
<tr>
<td>Early Learning Center</td>
<td>College Assoc.</td>
<td>$10.00/$07.00</td>
<td>$10.00/$07.00</td>
</tr>
<tr>
<td>Health Center</td>
<td>College Assoc.</td>
<td>0/0</td>
<td>$10.00/$10.00</td>
</tr>
<tr>
<td>Student Government</td>
<td>Student Assoc.</td>
<td>$05.00/$02.35</td>
<td>$05.00/$02.35</td>
</tr>
<tr>
<td>Club &amp; Organization</td>
<td>Student Assoc.</td>
<td>$09.00/$04.25</td>
<td>$09.00/$04.25</td>
</tr>
<tr>
<td>USS</td>
<td>USS</td>
<td>$00.85/$00.85</td>
<td>$00.85/$00.85</td>
</tr>
<tr>
<td><strong>Total Student Activity Fee</strong></td>
<td></td>
<td><strong>$60.00/$30.85</strong></td>
<td><strong>$70.00/$40.85</strong></td>
</tr>
</tbody>
</table>

(2) Evening Session

<table>
<thead>
<tr>
<th>Earmarking</th>
<th>Allocating Body</th>
<th>Current Fee FT/PT</th>
<th>Proposed FT/PT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Student Center</td>
<td>College Assoc.</td>
<td>$15.00/$07.50</td>
<td>$15.00/$07.50</td>
</tr>
<tr>
<td>Athletics</td>
<td>College Assoc.</td>
<td>$01.00/0</td>
<td>$01.00/0</td>
</tr>
<tr>
<td>Media</td>
<td>College Assoc.</td>
<td>$01.00/$01.00</td>
<td>$01.00/$01.00</td>
</tr>
</tbody>
</table>
Health Center        College Association  0/0  $10.00/$10.00
Student Government  College Association  $08.00/$04.50  $08.00/$04.50
USS                    USS                  $00.85/$00.85  $00.85/$00.85

Total Student Activity Fee  $25.85/$13.85  $35.85/$23.85

(3) Graduate Division

<table>
<thead>
<tr>
<th>Earmarking</th>
<th>Allocating Body</th>
<th>Current Fee</th>
<th>Proposed Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Student Center</td>
<td>College Association</td>
<td>$07.50</td>
<td>$07.50</td>
</tr>
<tr>
<td>Student Activities</td>
<td>College Association</td>
<td>$02.00</td>
<td>$02.00</td>
</tr>
<tr>
<td>Communications</td>
<td>College Association</td>
<td>$01.00</td>
<td>$01.00</td>
</tr>
<tr>
<td>Health Center</td>
<td>College Association</td>
<td>$00.85</td>
<td>$00.85</td>
</tr>
<tr>
<td>USS</td>
<td>USS</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Total Student Activity Fee  $11.35  $21.35

(4A) Summer Session (Day Session Only)

<table>
<thead>
<tr>
<th>Earmarking</th>
<th>Allocating Body</th>
<th>Current Fee</th>
<th>Proposed Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Student Activities</td>
<td>College Association</td>
<td>$03.00</td>
<td>$03.00</td>
</tr>
<tr>
<td>Early Learning Center</td>
<td>College Association</td>
<td>$05.00</td>
<td>$05.00</td>
</tr>
<tr>
<td>Health Center</td>
<td>College Association</td>
<td>$00.85</td>
<td>$00.85</td>
</tr>
<tr>
<td>USS</td>
<td>USS</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Total Student Activity Fee  $08.85  $18.85

(4B) Summer Session (All Other Students)

<table>
<thead>
<tr>
<th>Earmarking</th>
<th>Allocating Body</th>
<th>Current Fee</th>
<th>Proposed Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Student Activities</td>
<td>College Association</td>
<td>$03.00</td>
<td>$03.00</td>
</tr>
<tr>
<td>Health Center</td>
<td>College Association</td>
<td>0</td>
<td>$10.00</td>
</tr>
<tr>
<td>USS</td>
<td>USS</td>
<td>$00.85</td>
<td>$00.85</td>
</tr>
</tbody>
</table>

Total Student Activity Fee  $03.85  $13.85

The Day Summer Session Fee shall be paid by all students registered as Day Session students during the previous Spring semester.

EXPLANATION: The student activity fee schedules represent an increase of $10.00 which will be earmarked for the Baruch College Health Center and allocated by the College Association. The Health Center will provide immunizations, physical examinations, referrals, walk-in first aid, and treatment of minor illnesses. The Health Center may also provide counseling and consultation on weight loss, diet, birth control and sexually transmitted disease prevention, and low cost routine prescriptions. The Health Center will begin service in Spring 1999 and the fees for Fall 1998 will be used for start up costs.

Referenda were held for the Day, Evening and Graduate Divisions in accordance with Board Bylaw Section 16.12 on May 4-7, 1998. The vote on the referenda was 564 in favor and 207 opposed, with 5.4% of the eligible students voting on the referenda. The College President supports the increase because of the need for health services for students. The Day Session fee was last increased in 1997; the Graduate Division fee in 1974; and the Evening Fee has remained unchanged since approved by the Board in 1968.
Earmarkings at the College are set forth above for each of the student activity fee schedules. The earmarkings as set forth in the resolution may only be changed by further Board action.

D. THE GRADUATE SCHOOL AND UNIVERSITY CENTER - STUDENT ACTIVITY FEE INCREASE:

RESOLVED, That the student activity fee paid by students at The Graduate School and University Center be increased by $10.00 from $19.60 to $29.60 per semester, for all students, effective Fall 1998 to be allocated as follows:

<table>
<thead>
<tr>
<th>Earmarked Allocating Body</th>
<th>Current</th>
<th>Proposed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Student Government Fee</td>
<td>$18.75</td>
<td>$28.75</td>
</tr>
<tr>
<td>University Student Senate</td>
<td>$00.85</td>
<td>$00.85</td>
</tr>
<tr>
<td>Total Student Activity Fee</td>
<td>$19.60</td>
<td>$29.60</td>
</tr>
</tbody>
</table>

There is no summer session fee.

EXPLANATION: The proposed student activity fee schedule represents an increase of $10.00 and will be used to meet pressing needs, including expanding health care services and supporting the travel and research fund. The student activity fee was last increased in 1992.

A student activity fee referendum was held by mail ballot in conjunction with student government elections held March 20 through April 10, 1998. The vote on the referenda was 179 in favor and 169 opposed, with 9.3% of the eligible students voting on the referendum. The College President supports the fee increase for health care, student research and professional travel, and other activities and services of the Doctoral Student Council.

On June 27, 1994, Cal. No. 7.A., The Board of Trustees approved two waivers of the Bylaws relating to the student activity fee at The Graduate School and University Center. The waivers permit co-chairs of the Doctoral Students Council at The Graduate School and University Center to receive a third year of stipend payments (i.e., one extra year) as a graduate student leader at a maximum equal to the minimum salary for the title of Graduate Assistant B (i.e., above the maximum allowed by the Board policy). These waivers remain unchanged by this fee increase.

E. HUNTER COLLEGE - UNDERGRADUATE STUDENT ACTIVITY FEE INCREASE:

RESOLVED, That the student activity fee paid by undergraduate students at Hunter College be increased from $59.35 to $61.35 for full-time students and from $42.95 to $43.95 per semester for part-time students, effective Fall 1998, in accordance with the following schedule:

<table>
<thead>
<tr>
<th>Earmarked Allocating Body</th>
<th>Current Fee</th>
<th>Proposed Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>FT/PT</td>
<td>FT/PT</td>
</tr>
<tr>
<td>Student Government</td>
<td>$17.75/$19.40</td>
<td>$17.75/$19.40</td>
</tr>
<tr>
<td>College Association</td>
<td>$36.75/$18.70</td>
<td>$38.75/$19.70</td>
</tr>
<tr>
<td>NYPIRG</td>
<td>$04.00/$04.00</td>
<td>$04.00/$04.00</td>
</tr>
<tr>
<td>University Student Senate</td>
<td>$00.85/$00.85</td>
<td>$00.85/$00.85</td>
</tr>
<tr>
<td>Total Student Activity Fee</td>
<td>$59.35/$42.95</td>
<td>$61.35/$43.95</td>
</tr>
</tbody>
</table>

The Summer Session Student Activity Fee shall be increased from $21.55 to $22.05 and be allocated as follows: College Association ($5.80); Student Government ($13.40); NYPIRG ($2.00); and University Student Senate ($0.85).
EXPLANATION: The proposed student activity fee schedule represents an increase of $2.00 in the undergraduate full-time, $1.00 in the undergraduate part-time, and $0.50 in the Summer Session student activity fee schedules, which will be locally earmarked for the Access Center which provides services for students with disabilities. This will increase the local earmarkings for the Access Center from $1.00 to $3.00 for full-time students, from $0.45 to $1.45 for part-time students, and from $0.80 to $1.30 for the Summer Session. The increases will provide additional adaptive equipment for visually impaired and hearing impaired students, and students with learning disabilities, additional staffing, technological instruction and expanded operating hours in the Access Center.

A referendum was held in accordance with University Bylaw Section 16.12, in conjunction with student government elections held April 28 and April 29, 1998. The vote on the referendum was 310 in favor and 28 opposed, with 3.2% of the eligible students voting on the referendum. In addition, 587 students who voted in the student government elections abstained from voting on the referendum. The College President supports the fee increase because it will provide reasonable services and equipment for students with disabilities in the Access Center.

Within the Student Government Fee, the following local earmarkings for full-time and part-time undergraduate students will exist: Brookdale ($3.00/$1.80); Emergency Food and Shelter ($0.50/$0.10); Renovation of Student Space ($0.75/$0.55); Student Government ($5.00/$3.70); Student Resource Center (0/$9.00); and Student Clubs ($8.50/$4.25). Within the College Association Fee, the following local earmarkings for full-time and part-time undergraduate students will exist: Administrative Costs ($0.50/$0.22); Inter-collegiate Athletics ($10.00/$4.50); Intramural Athletics ($4.00/$1.75); Medical Office ($0.50/$0.25); Performing Arts ($5.00/$2.25); Yearbook ($1.75/$1.08); Child Care ($4.00/$2.00); Envoy ($2.00/$0.80); Media ($2.00/$1.15); Music ($1.00/$0.45); Shield ($2.00/$0.80); Access Center ($3.00/$1.45); and Welfare Rights Initiative ($3.00/$3.00).

Within the Undergraduate Summer Session Fee, the following local earmarkings for Student Government Fee will exist: $4.95 for Student Government, $0.95 for Renovation of Student Space, and $7.50 for the Student Resource Center. Within the Undergraduate Summer Session Fee, the following local earmarkings for the College Association Fee will exist: $1.30 for Access Center, $0.50 for the Medical Office, $1.00 for Child Care, and $3.00 for Welfare Rights Initiative.

Local earmarkings at the College have been established and are subject to change at the College in accordance with the referendum process set forth in University Bylaw Section 16.12, provided there is no change in the total fee. The earmarkings to the allocating bodies as set forth in the resolution may only be changed by further Board action.

The student activity fee allocated by NYPIRG is refundable, in accordance with procedures subject to the approval of the College President.

F. NEW YORK CITY TECHNICAL COLLEGE - STUDENT ACTIVITY FEE INCREASE:

RESOLVED, That the student activity fee paid by full-time students at New York City Technical College be increased from $44.55 to $54.55 per semester and the student activity fee paid by part-time students be increased from $14.20 to $20.20, effective Fall 1998 semester, in accordance with the following schedule:

<table>
<thead>
<tr>
<th>Earmarked Allocating Body</th>
<th>Current Fee FT/PT</th>
<th>Proposed Fee FT/PT</th>
</tr>
</thead>
<tbody>
<tr>
<td>College Association</td>
<td>$32.70/$10.35</td>
<td>$42.70/$16.35</td>
</tr>
<tr>
<td>Student Government</td>
<td>$07.00/$03.00</td>
<td>$07.00/$03.00</td>
</tr>
<tr>
<td>NYPIRG</td>
<td>$04.00/$00.00</td>
<td>$04.00/$00.00</td>
</tr>
<tr>
<td>University Student Senate</td>
<td>$00.85/$00.85</td>
<td>$00.85/$00.85</td>
</tr>
</tbody>
</table>

Total Student Activity Fee: $44.55/$14.20 to $54.55/$20.20

There is no summer session fee collected.
The student activity fee schedule represents an increase of $10.00 in the full-time student activity fee and $6.00 in the part-time student activity fee paid by students at New York City Technical College. The increases will be locally earmarked for the establishment and operation of an On Campus Health Clinic and will be allocated by the College Association. The College President supports the increase because of the need for Health Services on campus. The student activity fee was last increased in 1996.

The College Health Center will be located on campus and will be staffed by a nurse practitioner and two licensed registered nurses. Primary health care services will be available to the student body. Health care services will include, but will not be limited to, treatment of minor injuries and common health problems, provision of immunizations, basic laboratory procedures, family planning, and mental health services. The On Campus Health Clinic will begin service in Spring 1999 and will be fully operational by Fall 1999. A portion of the fees for 1998-99 will be used for start-up costs. A Health Education and Wellness Program is already provided through a separate earmarking for Health Information.

A referendum was held in accordance with University Bylaw Section 16.12, in conjunction with student government elections held May 5-7, 1998. The vote on the referendum was 345 in favor and 180 opposed, with 4.7% of the eligible students voting on the referendum.

Within the College Association fee, the following local earmarkings for full-time and part-time students will exist: Accident Insurance ($1.25/$0.25); Athletics ($10.00/$3.75); Day Care ($7.00/$3.75); Graduation ($3.65/$0.35); On Campus Health Clinic ($10.00/$6.00); Health Information ($3.50/$1.00); Tipster ($1.25/$0.25); Theatre Works ($1.00/$0.25); Contingency ($0.10/$0); and Corporation Annual Assessment ($0.45/$0.05).

Within the Student Government fee, an earmarking of $3.00 for full-time students and $1.50 for part-time students exists for Student Clubs and Activities.

Local earmarkings at the College have been established and are subject to change at the College in accordance with the referendum process set forth in University Bylaw Section 16.12, provided there is no change in the total fee. The earmarkings to the allocating bodies as set forth in the resolution may only be changed by further Board action.

The student activity fee allocated by NYPIRG is refundable, in accordance with procedures subject to the approval of the College President.

NO. 9. HONORARY DEGREE: RESOLVED, That the following honorary degree, approved by the appropriate faculty body and recommended by the Interim Chancellor, be presented at the commencement exercise as specified:

COLLEGE          DEGREES

QUEENS COLLEGE

Mr. Mike Wallace    Doctor of Humane Letters

(To be awarded at the Fall, 1998 Convocation)

Upon motions duly made, seconded and carried, the Board went into Executive Session to consider collective bargaining negotiations. The public meeting was adjourned at 5:47 P.M.

SECRETARY GENEVIEVE MULLIN
MINUTES OF THE EXECUTIVE SESSION OF THE BOARD OF TRUSTEES OF THE CITY UNIVERSITY OF NEW YORK

HELD

JUNE 22, 1998

AT THE BOARD HEADQUARTERS BUILDING
535 EAST 80TH STREET - BOROUGH OF MANHATTAN

The Executive Session was called to order at 5:55 P.M.

There were present:

Anne A. Paolucci, Chairwoman
Herman Badillo, Vice Chairperson

Satish K. Babbar
John J. Calandra
Kenneth E. Cook
Alfred B. Curtis, Jr.

Md. Mizanor R. Biswas, ex officio

John Morning
Kathleen M. Pesile
George J. Rios
Richard B. Stone

Bernard Sohmer, ex officio

Secretaries Genevieve Mullin
Roy Moskowitz, Acting General Counsel and Acting Vice Chancellor for Legal Affairs
Hourig Messerlian, Executive Assistant

Interim Chancellor Christoph M. Kimmich
Interim Deputy Chancellor Patricia Hassett
Vice Chancellor Jay Hershenson
Vice Chancellor Brenda Richardson Malone
Mr. Raymond O’Brien
Mr. Eric Washington

The absence of Trustees Crimmins, Everett, Marino, Murphy, and Ruiz was excused.

E.1. COLLECTIVE BARGAINING NEGOTIATIONS: The Board discussed collective bargaining negotiations.

Upon motions duly made, seconded and carried, the Executive Session was adjourned at 6:12 P.M.

SECRETARY GENEVIEVE MULLIN
I. **Basic Information**

The Executive Committee of the Ph.D. Program in Engineering of the Graduate School and University Center (GSUC) of the City University of New York proposes to offer its first interdisciplinary Ph.D. program, a Ph.D. program in Biomedical Engineering to complement the four existing, more traditional programs. Students completing the requirements for the new interdisciplinary program would receive a Ph.D. in Engineering with specialty in Biomedical Engineering. In contrast to the other existing programs, faculty in the proposed interdisciplinary Biomedical Engineering program would be participants in both the new interdisciplinary program and one of the four participating Ph.D. programs-Chemical, Civil, Electrical, and Mechanical-engineering. The new program would be housed in the School of Engineering at the City College. All students would complete a dissertation on a biomedical engineering related topic. The projected starting date of the new program is the fall 1999.

The Graduate School, through the City College School of Engineering, has been involved in biomedical engineering education and research for about 15 years. This involvement was greatly expanded in 1994 when the School of Engineering received a "Special Opportunity Award" from the Whitaker Foundation to establish a regional Center for Biomedical Engineering (CBE) in the New York area, and in 1995 when the CBE received an NSF Graduate Curriculum Development grant for the development of a graduate core curriculum in biomedical engineering for national dissemination. In the fall 1996, the CUNY Board of Trustees approved the establishment of the CBE as an official CUNY Institute. Although an official CUNY institute, it has retained its original "Center for Biomedical Engineering" name.

In the fall of 1997 the CBE received two major grants: a second "Special Opportunity Award" for $1,000,000 from the Whitaker Foundation to establish a new Ph.D. program in Engineering in the discipline of Biomedical Engineering and a grant from the Alfred P. Sloan Foundation to be the lead institution in a consortium with four of the top ranked Ph.D. programs in the nation to greatly enhance the number of minority Ph.D.'s produced nationwide in this rapidly growing field. In the three years since its inception the CBE has grown substantially and now involves more than 20 faculty from several units of CUNY and researchers from a number of health care institutions in the region including Hospital for Special Surgery (HSS), Hospital for Joint Diseases (HJD), Cornell University Medical College, Columbia College of Physicians and Surgeons, NYU School of Dentistry, Albert Einstein Medical Center, and Mt. Sinai School of Medicine. These researchers have served as adjunct faculty and have both taught courses at CCNY and participated in the examining committees of doctoral students. Collectively, there is now a critical mass of faculty, research staff, graduate and undergraduate students to offer the new program.

II. **Purposes and Goals**

Biomedical engineering is a critical component in the technological revolution in medicine and health care delivery that has dramatically transformed the prevention, diagnosis and treatment of disease in the last few decades of the twentieth century. Whether in the area of biomedical imaging, biosignal processing, medical instrumentation, biomechanics, biomaterials and implants, cell and tissue engineering or genetic engineering, this revolution is, if anything, accelerating as we proceed into the twenty-first century.

A. **Educational Goals**

The purpose of Biomedical Engineering as an interdisciplinary research discipline is to apply engineering principles and physical and mathematical concepts to problems in medicine and biology and to contribute to the advancement of technology in cost effective health and medical
care. The Biomedical Engineering program is specifically designed to provide students with an engineering or science background with the knowledge and skills wherein they contribute to the technological revolution in medicine and health. The program will combine coursework in the traditional engineering disciplines, specially designed courses in biomedical engineering, mathematical and computational modeling and the biological sciences, and offer students research opportunities which are at the forefront of the interface between engineering, the biological sciences and medicine. This research will be conducted in an environment in which there are engineers, biological scientists and health care professionals.

B. Rationale for Program

There are strong arguments at the college, university, regional and national levels for establishing a Ph.D. program in Biomedical Engineering at a public institution in the downstate area. These are summarized below:

1. New York City is the health care capital of the nation. It trains 1 in 7 of the nation's doctors and has 34 teaching hospitals. Currently, the only existing Ph.D. program in biomedical engineering in New York City is at Columbia University. The closest other Ph.D. programs in biomedical engineering are at RPI and Rutgers. In addition, SUNY Stony Brook has just received approval to offer a Ph.D. program in biomedical engineering.

2. Biomedical engineering's one of the fastest growing engineering graduate efforts in the nation. In 1982 the National Research Council in their first nationwide evaluation of Ph.D. programs did not rank Biomedical Engineering. In 1992, 39 Biomedical Engineering Ph.D. programs were ranked. Today, more than 60 biomedical engineering graduate degree programs have been established nationally. In their 1992 report the NRC ranked Ph.D. programs in only eight engineering fields: aerospace, biomedical, chemical, civil, electrical, industrial, materials and mechanical engineering.

3. The National Academy of Engineering in 1994 officially recognized the growing maturity of Biomedical Engineering as a distinct discipline when Biomedical Engineering was established as one of the twelve sections in the Academy. The American Institute of Medical and Biological Engineering was established in 1992. This umbrella organization for the field includes 14 participating professional societies. There are more than 20,000 engineers nationwide who now classify themselves as biomedical engineers.

4. The Biomedical Engineering effort at CCNY has attracted considerable attention since the founding of our Center for Biomedical Engineering as a result of our first Whitaker "Special Opportunity Award" and the major awards that our students and faculty have received. Both in 1993 and 1996 our faculty and students received the Melville Medal of the American Society of Mechanical Engineers for best original research paper in the field of mechanical engineering after having received the best paper award of the Biomedical Engineering Division of the ASME the previous year. Other awards include the best paper award at the Second World Congress in Biomechanics in Amsterdam in 1994, the Whitaker Award for best graduate student paper at the national meeting of the Biomedical Engineering Society in 1995 and the Whitaker Distinguished Lecture, the highest award of the Biomedical Engineering Society, in 1997.

5. The new program in Biomedical Engineering would have as a specific aim the enhancement of the number of minority Ph.D.'s produced in this field in the United States. In the fall of 1997 the CBE received a $270,000 grant from the Sloan Foundation that could potentially double the national output of Ph.D.'s in this field. The City College is the lead and undergraduate feeder institution in a consortium that includes Duke University, Johns Hopkins, University of Pennsylvania and the University of California-
San Diego, four of the six top ranked Ph.D. programs in biomedical engineering in the nation based on the 1995 National Research Council rankings.

6. Total dollar value of current external grants to CCNY doctoral faculty in biomedical engineering is over $5,000,000. Another important aim of the new program in Biomedical Engineering is to enhance the existing climate for collaboration between students and faculty in the different disciplines at CUNY, and with other health care institutions in the region. For example, the City College School of Engineering and the Hospital for Special Surgery have had $2,500,000 in joint grants since 1994.

III. Need

The primary needs for the establishment of the new program are the growth of student interest, faculty involvement, the enhancement of the reputation of the Ph.D. Program in Engineering and the School of Engineering, and the future growth of this field at CUNY. Ph.D. student interest has grown rapidly since the CBE was founded. In the past three years, eight Ph.D. students have completed Ph.D. dissertations in the area of biomedical engineering and 17 Ph.D. students are currently involved in Biomedical Engineering research. This growth is in part tied to the development of an undergraduate concentration in Biomedical Engineering for students in the Chemical, Civil, Electrical and Mechanical Engineering Departments at the City College. The development of the undergraduate concentration was one of the principal objectives of our first Whitaker "Special Opportunity Award" in 1994. The student chapter of the national Biomedical Engineering Society has more than tripled its membership since it was founded in 1995 and now has close to fifty members.

Another major factor is faculty interest and commitment. Three of the five CUNY Distinguished Professors in the School of Engineering, Professors Acrivos, Cowin and Weinbaum have interests in biomedical engineering and, for Professors Cowin and Weinbaum this is their primary field of interest. They have established a broad network of collaboration with other faculty in CUNY in the School of Engineering, in the Science Division at City College, in the Division of Applied Science at the College of Staten Island, and in the CUNY Medical School. This interdisciplinary effort now includes approximately twenty CCNY faculty. This is supplemented by affiliations with numerous researchers at other health care institutions in the region.

An important consideration in proposing the new program is the enhancement of the reputation of the Ph.D. Program in Engineering as well as the visibility of the School of Engineering. As noted earlier, students and faculty in the Center for Biomedical Engineering have won numerous awards and it is fair to say that there are few, if any, other institutions in the nation with this record of achievement that have not already established a Ph.D. Program in Biomedical Engineering. In 1996 Professor Weinbaum was the only academic elected to the National Academy of Engineering by the Biomedical Engineering Section. It is anticipated that the new program would be from the start one of the most highly rated Ph.D. programs in the sciences and engineering at CUNY and highly regarded nationally.

Finally, the establishment of a Ph.D. program is vital for the continued growth of the Center for Biomedical Engineering and the further development of this field at CUNY. The Whitaker Foundation, the primary non-profit organization supporting education and research in Biomedical Engineering in the United States, has worked hand in hand with the National Science Foundation in establishing the educational infrastructure and research base for this field. The Foundation site-visited the Center for Biomedical Engineering in February 1997 and issued a very positive report on the progress made during our first Whitaker "Special Opportunity Award". The Foundation made it emphatically clear that for GSUC and City College to receive a rare second "Special Opportunity Award", the institution would have to establish a more permanent infrastructure for Biomedical Engineering and more clearly define its long term commitment to the field. In particular, it was requested that City College and the CUNY Graduate School explore the possibility of offering a Ph.D. Program in Biomedical Engineering.
IV. Students

A. Demand for the program
There are currently (Spring 1997) 17 CUNY doctoral students with theses in Biomedical Engineering. We plan to increase our steady-state enrollment to 27 between 1999 (the expected starting date for this new program) and 2004 (i.e., 2 students/year increments over five years; see section III of Resources Required for New Program on page 12 of this document). These projections are based on a job market that is guaranteed a continuous growth in the foreseeable future, due to the presence of numerous research hospitals in the metropolitan area and a considerable growth in biomedical engineering related research in local industry. To illustrate, all 8 of our Ph.D. graduates within the last three years have found positions either in academia (4), in hospitals (1) or in industry (3). Six of them, or 75%, are currently working in the New York area.

Our estimates also take into account national trends that have seen enrollment in Biomedical Engineering increase by 37% between 1992 and 1997 (while total engineering enrollment has decreased by 6% over the same period).

The projected enrollment for this new program is comparable to the current doctoral enrollments in 3 of the other GSUC engineering programs (Chemical, Civil and Mechanical). As to other doctoral programs in Biomedical Engineering, it falls within the wide range of enrollment found in the few Ph.D. programs that are offered locally: greater than the figure of 7 at Columbia University, whose program is undergoing a major expansion, similar to the 15-20 enrolled at Rensselaer Polytechnic Institute, but significantly smaller than the 88 at Rutgers University (these figures correspond to enrollment for the academic year 1996-1997).

The proposed increments in steady-state enrollment over the period 1999-2004 take also into account the existing research capabilities both at CCNY and at the collaborating institutions (Hospital for Joint Diseases, Hospital for Special Surgery, Mount Sinai School of Medicine, Columbia College of Physicians and Surgeons, etc.) as well as the planned hiring of the new biomedical engineering research faculty member in the department of Chemical Engineering.

Local feeder programs currently active include the recently developed undergraduate concentration offered at City College (present enrollment: 95), and the B.S. program in Biomedical Engineering at Columbia University (annual graduation rate: 20). The planned undergraduate program at Rutgers University should also be considered a feeder program by the time the GSUC program becomes operational.

B. Sources of Students
Based on the current enrollment in existing doctoral programs in engineering, we anticipate that at least 50% of the students will be from the New York area. Besides the local feeder programs identified in the preceding section, the students will be recruited from all the undergraduate engineering programs offered in the region (there will be no prerequisite for admission other than academic excellence and the holding of a bachelor's (or Master's) degree in any of the recognized engineering fields). Students with a bachelor's degree in the biological and physical sciences will also be considered provided they make up for deficiencies in their engineering background. In addition, students from all over the world have been attracted to the program because of the international reputation of its faculty.

The pool of potential applicants is therefore considerably greater than what a cursory review of the local feeder programs would indicate. Nevertheless, enrollment figures in feeder programs allow us to estimate the size of the student population that has expressed interest in Biomedical Engineering: on a yearly basis, over 20 engineering graduates at CCNY alone, and over 100 in the remaining local institutions. It is also worth mentioning that a high percentage of the CCNY
graduates are of Ph.D. caliber (over 40% of them graduate with a GPA greater than 3.0).
Efforts to enable students to qualify for admission will include expanding the opportunities to
conduct undergraduate research offered at CCNY through the Center for Biomedical Engineering,
as well as balancing more evenly successful research experience with traditional academic
achievement (GPA, GRE scores, etc.) in the selection process. Also, special efforts will be made
to ensure the highest possible participation of underrepresented groups. Women and minorities
presently make up more than 50% of the contingent of Ph.D. students whose thesis research is in
Biomedical Engineering.

V. Curriculum

A. Goals and coherenee of the curriculum
Biomedical Engineering involves the traditional engineering disciplines, the basic medical sciences
as well as clinical practice. It is therefore an interdisciplinary field of study. The proposed Ph.D.
in Biomedical Engineering is an interdisciplinary degree supported interdepartmentally by the
departments of Chemical, Electrical and Mechanical Engineering in the School of Engineering as
well as the Department of Biology and the City University of New York Medical School, including
the Sophie Davis School of Biomedical Education, all on the City College Campus. In addition,
the new program will have administrative, academic and research liaison with the CUNY Ph.D.
programs in Biochemistry, Biology Biochemistry, Biology and Biomedical Sciences. Although the
formal affiliation between CUNY and the Mount Sinai School of Medicine is scheduled to end, the
Biomedical Engineering program plans to continue its relationship with the Biomedical Sciences
program.

The goal of the program is to turn out first rank researchers and educators at the doctoral level.
The program will allow students trained in a traditional engineering discipline to apply their
background and experience to the diverse areas of Biomedical Engineering. It will provide them
with a knowledge of the basic medical sciences and clinical practice associated with the medical
problems that are the object of their study. It will provide them with a broad acquaintance of the
field of Biomedical Engineering.

B. Credit requirements
The requirements for the Ph.D. in Biomedical Engineering are the same as those for the Ph.D. in
Chemical, Civil, Electrical and Mechanical Engineering as described in the GSUC Bulletin. In
general, these requirements include satisfactory completion of 48 credits of approved graduate
course work and 12 credits of research for the doctoral dissertation (details are described in the
next paragraphs). Each student will be academically housed in a "home" traditional engineering
department, either Chemical, Civil, Electrical or Mechanical Engineering.

Students will be expected to complete 48 credits of core courses in four areas, biomedical
sciences, Biomedical Engineering, mathematics and traditional engineering core in their "home"
department. The detailed listing of courses that will be offered in each of the four core areas and
the credit distribution between the core areas will be worked out by the Executive Committee of
the Biomedical Engineering program. A suggested starting point for discussion is summarized
below:

(a) a minimum of 6 credits of biomedical science courses: This will include 6 credits
of course work in physiology and biophysics comparable to what our students
now take at Cornell University Medical College and an additional course from a
large list of electives that could be in such areas as molecular genetics,
neurobiology, microbial biology, cell biology, biochemistry, enzymology, protein
structure and crystallography and medical physics. These courses would be
coordinated with the CUNY Ph.D. Programs in Biochemistry, Biology and
Biomedical Sciences.
(b) a minimum of 12 credits of Biomedical Engineering electives: Five graduate courses have already been developed and have already been offered as part of our NSF Graduate Curriculum Development grant. These courses are:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>EE 5550</td>
<td>Biomedical Imaging</td>
</tr>
<tr>
<td>EE 5551</td>
<td>Non-linear Signal Processing in Biomedicine</td>
</tr>
<tr>
<td>ENGR 5722</td>
<td>Cell and Tissue Transport</td>
</tr>
<tr>
<td>ENGR 5771</td>
<td>Cell and Tissue Mechanics</td>
</tr>
<tr>
<td>ENGR 5773</td>
<td>Cell and Tissue-Biomaterial Interaction</td>
</tr>
</tbody>
</table>

In addition, we anticipate that in the next 2-3 years at least two additional courses will be developed. These will include Tissue Engineering and Kinetics of Biological Systems/Drug Delivery. Existing faculty and the faculty hire in Chemical Engineering who is being recruited as part of our Whitaker "Special Opportunity Award" would teach these two courses. We would also like to offer in the not too distant future a graduate course in Bioelectronics and Biomedical Instrumentation and a Computer Science courses in visualization techniques in biomedical science and pattern recognition. Faculty to teach these courses are already participating in the program.

(c) a minimum of 9 credits of math courses to be chosen from the following partial listing:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>EE 5701</td>
<td>Probability and Stochastic processes</td>
</tr>
<tr>
<td>ENGR 5706</td>
<td>Applied Algebra</td>
</tr>
<tr>
<td>ENGR 5711</td>
<td>Introduction to Engineering Analysis</td>
</tr>
<tr>
<td>ENGR 5712</td>
<td>Functions of a Complex Variable</td>
</tr>
<tr>
<td>ENGR 5713</td>
<td>Transform Methods in Engineering</td>
</tr>
<tr>
<td>ENGR 5714</td>
<td>Applied Partial Differential Equations</td>
</tr>
<tr>
<td>ENGR 5715</td>
<td>Introduction to Numerical Methods</td>
</tr>
<tr>
<td>ENGR 5716</td>
<td>Advanced Numerical Methods</td>
</tr>
<tr>
<td>ENGR 5717</td>
<td>Finite Element Methods in Engineering</td>
</tr>
</tbody>
</table>

(d) a minimum of 15 credits of engineering courses in "home" department.

C. Prerequisites for admission to the program

The prerequisites for admission to the Ph.D. program in Biomedical Engineering are the same as those for the Ph.D. in Chemical, Civil, Electrical and Mechanical Engineering as described in the GSUC Bulletin. Special arrangements for this program are outlined in the following paragraphs.

Students could apply either to the engineering Ph.D. program in one of the four participating engineering departments or directly to the Biomedical Engineering program. If the student applies to the Biomedical Engineering program, his/her application will be screened by the Biomedical Engineering Executive Committee and admission recommended to the student's first choice for a "home" department. The "home" department has the option of whether or not to accept the student and if it does so this student will be considered for financial aid like any other entering Ph.D. student in the "home" department.

The CBE has a limited number of special fellowship awards for particularly outstanding applicants through existing grants from NASA, the Whitaker and the Sloan Foundation. If a student is being recommended for such an award this information will be passed on to the student's choice of "home" department. Except for special circumstances where CBE fellowships are provided by the GSUC as part of matching support for our Whitaker "Special Opportunity Award" or our Alfred P.
Sloan grant, all financial support from the GSUC and teaching assistantships will be provided directly to the "home" department for support of graduate students. Research assistantships will be provided by individual faculty, as they are now.

Since the student will be taking an approximately equal amount of course work in the "home" department and outside the "home" department the student will be considered a participant in both the Ph.D. program of the "home" department and the Biomedical Engineering program. As in nearly all other Biomedical Engineering Ph.D. programs in the nation, the student will be counted in both the "home" department and the Biomedical Engineering program in reports filed with the National Research Council and other information gathering bodies. To get a Ph.D. degree in Biomedical Engineering the student must complete the 48-credit course program described under "Curriculum" and a dissertation on a topic approved by the Biomedical Engineering Executive Committee.

In the future it is envisioned that the new program will also be made available for M.D./Ph.D. students who are interested in biomedical engineering. This would, in particular, be of interest to students who are now in the Ph.D. Program in the Biomedical Sciences. These students would first have to be provided with the necessary background for the engineering component. Similarly, in some instances it might be necessary for engineering students to first obtain the necessary background for courses in the biological sciences. Our current experience has indicated that all engineering students are able to take the introductory course in physiology and biophysics that is offered in the basic sciences in medical school. Special arrangements will need to be made for more advanced courses in the biological sciences. These arrangements will be made on a student by student basis depending on the student's previous training.

D. Non-course requirements for completion of program
The non-course requirements for completion of the Ph.D. program in Biomedical Engineering are the same as those for the Ph.D. in of Chemical, Civil, Electrical and Mechanical Engineering as described in the GSUC Bulletin. In addition to completing a minimum of 48 credits of core courses, the student will be expected to pass a comprehensive qualifying exam, a second exam on their research proposal and complete a Ph.D. dissertation and orally defend it in accord with GSUC policies.

First Examination
Students in the Biomedical Engineering program will take both an oral and written First Examination. In those core areas where students have a common background, the students will take the same First Examination as other students in the "home" department, where possible. However, due to the diversity of courses that will be offered in the Science and Biomedical Engineering core areas arising from the interdisciplinary nature of the program, this commonality of preparation may not be possible. In these areas the First Examination will be an oral or written exam of approximately two hours that is suited to the student's course preparation. The examining committee will be appointed by the Executive Officer of the Ph.D. Program in Engineering with the advice of the student's mentor. The examining committee will consist of:

(a) two faculty in the Biomedical Engineering program
(b) one faculty in the Ph.D. program of the "home" department
(c) one faculty in the biosciences from CUNY or a collaborating institution that has participated in the Center for Biomedical Engineering

Second Examination (Thesis Proposal)
The student must choose a thesis advisor or co-advisors within a year of registering in the Engineering Ph.D. Program. The thesis advisor must be a doctoral faculty member in the Ph.D. program in Biomedical Engineering. In the case of co-advisors, one of the co-advisors must be a doctoral faculty member in the Ph.D. program in Biomedical Engineering and the other could be a
faculty member from one of the biosciences at CUNY or a collaborating institution.
The examining committee for the second exam will consist of at least four individuals who will be
approved by the Executive Committee of the Biomedical Engineering program and appointed by
the Executive Officer of the Ph.D. Program in Engineering. This examining committee is to
include:

(a) at least two faculty in the Biomedical Engineering program
(b) at least one faculty in the Ph.D. program of the "home" department
(c) one faculty in the biosciences from CUNY or a faculty member from collaborating
institution whose research interests is in the area of the dissertation proposal

The advisor and/or co-advisors are automatically included in the above listing.

Ph.D. Dissertation and Defense
The examining committee will consist of the same individuals participating in the examining
committee for the thesis proposal plus one additional outside examiner proposed by the advisor or
co-advisors.

E. Articulation with other CUNY units
We have a relationship with the Applied Science program at the College of Staten Island in that at
least one of their faculty has had a research collaboration with us and has mentored Ph.D.
students in the CBE. Faculty in the CUNY Medical School have also been involved in course
instruction in the CBE. Important new partners in the proposed program would be the existing
Ph.D. programs in biosciences including Biochemistry, Biology and Biomedical Sciences. Letters
expressing the enthusiastic support of the Executive Officers of these three programs for the new
Ph.D. program in Biomedical Engineering are attached to this Letter of Intent, see Appendix.

VI. Faculty
To be on the doctoral faculty of the Biomedical Engineering program one must first satisfy the
requirements to be on the doctoral faculty in either the Chemical, Civil, Electrical, or Mechanical programs
or one of the CUNY Bioscience Ph.D. programs. In addition, one must either participate in the teaching of
one or more of the courses offered as Biomedical Engineering electives, do research in Biomedical
Engineering, or participate on the doctoral examining committee of Ph.D. students in the program. On the
nomination of one of the participating Ph.D. programs, the Biomedical Engineering program Executive
Committee will confirm them. Faculty from participating medical institutions will have the title Adjunct
Professor at the appropriate level. They will be nominated by the Executive Committee of the Ph.D.
Program in Engineering and appointed by the Provost of the Graduate School and University Center. The
nomination and confirmation of adjunct faculty by the Biomedical Engineering Executive Committee will be
based on all three criteria mentioned earlier for the selection of CCNY doctoral faculty. Recognized
excellence in at least one of the three outlined areas of activities defines the minimum requirement for
consideration by the Biomedical Engineering Executive Committee. The following faculty currently satisfy
these criteria. It is anticipated that this initial base of faculty will be significantly augmented by faculty in
the CUNY Ph.D. Programs in Biochemistry, Biology and Biomedical Sciences.

CCNY Faculty (Full-time)
Andreas Acrivos, Albert Einstein Professor (ChE)
San-lr Ahmed, Herbert G. Kayser Professor (EE)
Joseph Barba, Professor (EE)
Mitra Basu, Associate Professor (EE)
George Brandon, Associate Professor (CUNY Medical School)
Rochelle Buffenstein, Associate Professor (Biology)
Stephen C. Cowin, Distinguished Professor (ME)
Alex Cousis, Assistant Professor (ChE)
Susannah P. Fritton, Assistant Professor (ME)
Marilyn Gunner, Assistant Professor (Physics)
Peter Ganatos, Professor (ME)
Ping-Pei Ho, Professor (EE)
Latif M. Jiji, Herbert G. Kayser Professor (ME)
Daniel E. Lemons, Professor (Biology)
Charles Maldarelli, Professor (ChE)
Fred Moshary, Assistant Professor (EE)
David S. Rumschitzki, Associate Professor (ChE)
Ali M. Sadegh, Professor (ME)
Carol A. Steiner, Associate Professor (ChE)
Maria Louisa Tasayco, Assistant Professor (Chemistry)
Sheldon Weinbaum, Distinguished Professor (ME)

NON-CCNY Faculty and Advisers
Adele Boskey, Professor (HSS)
Nancy Pleshko Camacho, Assistant Scientist (HSS)
Edward J. Ciaccio, Associate Research Scientist (Columbia College of Physicians & Surgeons)
Paul E. Di Cesare, Assistant Professor (HJD)
Stephen B. Doty, Senior Scientist (HSS)
Sally R. Frenkel, Assistant Professor (HJD)
Kung Ming Jan, Associate Professor (Columbia University)
Mona McAlamey, Assistant Professor (Columbia College of Dental & Oral Surgery)
David Spray, Professor (Albert Einstein Medical Center)
Dempsey Springfield, Professor and Chair (Mt Sinai School of Medicine)
Peter A. Torzilli, Senior Scientist, Associate Professor (HSS)
Alan M. Weinstein, Professor (HSS)

During 1998-1999 a new engineering faculty member will be recruited in Chemical Engineering. This new hire is required to develop the Tissue Engineering Laboratory in the Chemical Engineering Department that is described in our Whitaker "Special Opportunity Award".

VII. Cost Assessment

In large measure the faculty costs in starting the new program are minimal since the CBE has defacto been operating as a Ph.D. program since 1994 in many ways. The new faculty hire, mentioned in the previous section, in the Chemical Engineering Department will start in Fall 1999. The Whitaker grant will cover the salary for this faculty member for the academic year 1999-2000 and CCNY will have to assume support starting the Fall 2000.

A second faculty hire in the Electrical Engineering Department was deemed critical by the Whitaker Foundation in view of the fact that this department, in numbers, has the greatest undergraduate student interest in biomedical engineering and did not have a faculty member with primary interests in this field to replace a junior faculty member who left the College in the Fall 1995. The hiring of this faculty member by Fall 1998, was a precondition for the receipt of the new "Special Opportunity Award" since the Whitaker Foundation felt it represented an important commitment of the College to the program. The Dean of the School of Engineering has already made this commitment as part of the five new lines that were assigned to the School of Engineering for the Fall 1998. The search for this faculty member was completed this spring and an offer will be made shortly.

Three new laboratories for research and education will be started as primary goals of the second Whitaker "Special Opportunity Award". Approximately $750,000 of the $1,000,000 in this grant are dedicated to
starting a Tissue Mechanics Laboratory in the Mechanical Engineering Department, a Tissue Engineering Laboratory in the Chemical Engineering Department and a Laboratory in the Electrical Engineering Department whose focus will depend on the biomedical engineering expertise of the new faculty member recruited in Electrical Engineering. This sum includes salary support for the new faculty member in Chemical Engineering. The remaining $250,000 in the second "Special Opportunity Award" is dedicated to undergraduate research experiences in these three laboratories and in the laboratories of our hospital partners, the Hospital for Special Surgery, Mt. Sinai School of Medicine and Columbia College of Physicians and Surgeons.

Most of the administrative and secretarial support needed to operate the new program is covered by the new organized research lines that are now in place as a result of the CBE becoming an official CUNY Institute in 1996. An Associate HEO position is now provided for the Administrative Director of the Institute. A half-time secretarial-business manager line is also now paid for from organized research funds. This individual, who takes care of all financial records on grants coming to the Institute and also sees that all undergraduate and graduate students working in the CBE are paid, is already heavily overtaxed. A second lower paid secretarial position is now being paid through external funding.

In starting a fifth Ph.D. program in Engineering with an anticipated enrollment within the next three to five years comparable to the four existing Ph.D. programs in Engineering, we would like to request the CUNY Graduate School to supplement the OTPS and University and State Fellowship monies currently given to the Ph.D. Program in Engineering by 25 percent so that the resources given to the existing programs will not be diluted. This request is also to extend to future allocations of the Science Fellowship Program that was instituted starting in 1996. The distribution of the resources will be by way of the "home" departments, using existing procedures.

A five-year summary of resources required for this new program is presented in the next section.
## RESOURCES REQUIRED FOR NEW PROGRAM

### Program Title: Ph.D. Program in Biomedical Engineering

#### I. Personnel (new faculty and support staff)

<table>
<thead>
<tr>
<th>Item</th>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
<th>Year 4</th>
<th>Year 5</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Number of equaled full-time faculty Footnote 1</td>
<td>0</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>2. Average compensation of full-time faculty</td>
<td>$52,000 to $79,000 see footnote 2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Number of equaled part-time faculty</td>
<td>none</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. Total compensation of part-time faculty</td>
<td>none</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5. Number of laboratory technicians, administrators, and clerical staff</td>
<td>none</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6. Total compensation for support staff in line 5</td>
<td>none</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7. Total personnel costs</td>
<td>see Footnote 2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### II. Other Than Personnel Services

<table>
<thead>
<tr>
<th>Item</th>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
<th>Year 4</th>
<th>Year 5</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. New equipment purchases see footnote 3</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. New library acquisitions</td>
<td>none</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Supplies</td>
<td>none</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. Total OTPS Costs Footnote 4</td>
<td>10,000</td>
<td>10,000</td>
<td>10,000</td>
<td>10,000</td>
<td>10,000</td>
</tr>
</tbody>
</table>

#### III. Enrollments

<table>
<thead>
<tr>
<th>Item</th>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
<th>Year 4</th>
<th>Year 5</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Headcount students Footnote 5</td>
<td>17</td>
<td>19</td>
<td>21</td>
<td>23</td>
<td>25</td>
</tr>
<tr>
<td>2. FTB student</td>
<td>17</td>
<td>19</td>
<td>21</td>
<td>23</td>
<td>25</td>
</tr>
<tr>
<td>3. Student/faculty ratio - anticipated</td>
<td>does not apply</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. Student/faculty ratio - budgetary model does not apply</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
RESOURCES REQUIRED FOR NEW PROGRAM (page 2)

**Program Title:** Ph.D. Program in Biomedical Engineering

<table>
<thead>
<tr>
<th>Year</th>
<th>Year 2</th>
<th>Year 3</th>
<th>Year 4</th>
<th>Year 5</th>
</tr>
</thead>
</table>

**IV. Revenue Sources-Personnel**

1. Faculty lines added to the college total in support of program
   - see footnote 6

2. Faculty lines transferred from another program/department to support new program
   - see footnote 7

3. Non-professorial lines added to the college total in support of program
   - see footnote 8, no new lines

4. Non-professorial lines transferred from another department in support of program
   - none

**V. Revenue Sources-Other Than Personnel Services**

1. Capital budget
   - none

2. Tax-levy monies from State/City operating budgets
   - none

3. Anticipated monies from other sources (e.g. grants)
   - see footnote 9
Footnotes for Resources Required for New Program

1. Salary for the 1999-2000 academic year (year 1) is to be provided by the Whitaker grant. The provost of City College has agreed to turn this appointment into a tax supported tenure track appointment in the Department of Chemical Engineering starting the fall of 2000 (year 2). All other faculty participating in the program are on existing tenure track lines.

2. The level of the appointment in footnote 1 is open and will depend on the quality of the applications received. Applications will be solicited at all three levels, assistant, associate and full professor.

3. The provost at City College has agreed to provide $40,000 in matching funds as part of the start up package for the new hire in footnote 1. This was part of the agreement with the Whitaker Foundation when the City College received its second Whitaker "Special Opportunity Award". The Whitaker grant will provide approximately $140,000 towards the total startup package. This will include money for equipment, four months of faculty summer salary over two years and $20,000 in graduate student support. The Whitaker grant is also providing an additional $280,000 in startup money for the establishment of biomedical engineering research laboratories in mechanical and electrical engineering. This includes equipment, faculty summer salary and graduate student stipends.

4. The Engineering Ph.D. program currently receives approximately $40,000 in OTPS funds for the four existing Ph.D. programs in Chemical, Civil, Electrical and Mechanical Engineering. In order that current funding to these existing programs not be diminished, a 20 percent increase in the OTPS budget, or $10,000 is requested annually from the GSUC.

5. We anticipate that there will be 17 Ph.D. students in the program when it starts in the fall of 1999. This is based on the current enrollment of Ph.D. students who are currently enrolled in the Chemical, Electrical and Mechanical Ph.D. programs but doing their research and taking coursework in biomedical engineering.

6. No new faculty lines will be added to the college total. The faculty line in footnote 1 will be made available from the existing pool of lines assigned to the City College.

7. There will be no new faculty lines transferred to the program. All existing faculty who will be participating in the new program will also continue their participation in existing Ph.D. programs in engineering and the biological and biomedical sciences. The new program is an interdisciplinary program that draws upon an existing faculty base that already offers many of the courses in the new program and mentors existing students who are currently doing research in the area of the new Ph.D. program.

8. The Center for Biomedical Engineering already receives an Associate HEO line for an administrative director and for a half time secretary/business manager. This was approved by the Board of Trustees in 1996 when the Center became an official CUNY institute.

9. The Institute for Biomedical Engineering has received two major development grants, a $1,000,000 "Special Opportunity Award" from the Whitaker Foundation for the period 1997-2000 to start a Ph.D. program in biomedical engineering and a $270,000 grant from the Sloan Foundation for the period 1997-2000 for support of minority students who wish to pursue a Ph.D. in biomedical engineering. The Institute will also be applying for a $2,500,000 Integrative Graduate Education and Research and Training (IGERT) grant for the fall 1999. In addition, many faculty in the proposed program have research grants that can help support graduate students.

Approved by the Board of Trustees, June 22, 1998