

WAYNE STATE UNIVERSITY – ACADEMIC SENATE
Official Proceedings
May 6, 2015

Members Present: Margaret Winters, Provost and Senior Vice President for Academic Affairs, Chair; Louis J. Romano, President, Academic Senate; Robert Ackerman; Joseph Artiss; Poonam Arya; Linda Beale; Cathryn Bock; Frances Brockington; David Cinabro; Donald DeGracia; Heather Dillaway; Maria Ferreira; Jane Fitzgibbon; Moira Fracassa; Andrew Fribley; Jeffrey Grynawski; Smiti Gupta Ellen Holmes; renee hoogland; Michael Horn; Maik Huttemann; Patricia Jarosz; Barbara Jones; David Kessel; Kafi Kumasi; Qin Lai; Lawrence Lemke; Stephen Lerner; Leonard Lipovich; Kypros Markou; Aaron Martin; Fayette Keys; Boris Mordukhovich; Bryan Morrow; James Moseley; Joshua Neds-Fox; Victoria Pardo; Charles Parrish; Alexey Petrov; Lori Pile; John Porcerelli; Susil Putatunda; Elizabeth Puscheck; Robert Reynolds; Marsha Richmond; Michele Ronnick; Brad Roth; Linea Rydstedt; Naida Simon; Richard Smith; Gail Stanford; Ronald Thomas; Ellen Tisdale; Sokol Todi; Mark VanBerkum; Deborah Walker; Jianjun Wang; Barrett Watten; Casey Westerman; Jeffrey Withey

Members Absent with Notice: Mary Anderson; Abhijit Biswas; Randall Commissaris; Victoria Dallas; Nabanita Datta; Robert N. Frank; Avril Genene Holt; Zhengqing Hu; Willane Krell; James Martin; Jason Mateika; T. R. Reddy; Heather Sandlin; Andrea Sankar; William Volz

Members Absent: Ivan Avrutsky; Michael Barnes; Douglas Barnett; Nancy George; Howard Matthew; Philip Pellett; Lobelia Samavati; Beena Sood; Ryan Standfest; King-Hay Yang

Others Present: Tamica Dothard, Office of the Academic Senate; Gloria Heppner, Associate Vice President for Research; Alan Jacobson, Office of Budget, Planning and Analysis; Ricardo Villarosa, Dean of Students Office; Angela Wisniewski, Office of the Academic Senate

CALL TO ORDER: This regularly scheduled meeting of the Academic Senate was called to order by Provost Winters at 1:35 p.m. The meeting was held in the Bernath Auditorium in the Undergraduate Library.

I. APPROVAL OF THE PROCEEDINGS OF THE ACADEMIC SENATE

It was MOVED and SECONDED to APPROVE the Proceedings of the Academic Senate meeting of April 1, 2015. PASSED.

II. REPORT FROM THE SENATE PRESIDENT

A. Report and Announcements

Mr. Romano reported that President Wilson's budget hearings with the Deans and the Vice Presidents of the Divisions continue. Provost Winters, Vice President for Research Stephen Lanier, Associate Vice President for Budget, Planning and Analysis Robert Kohrman, the President, and Mr. Romano form the committee. The Deans and the Vice Presidents discuss their units' proposed budgets for fiscal year 2016. Everyone has a benchmark of 4% based on metrics as well as a 1.5% discretionary amount that the President and the Provost will use to either increase or decrease the budgets.

In the past, despite budget cuts, the number of faculty remained fairly constant. Mr. Romano does not think that will be the case if unit budgets continue to be cut 4 or 5% per year. The number of tenure and tenure-track faculty will be affected. The College of Liberal Arts and Sciences hired only three faculty this year. The University cannot survive if its largest college hires so few faculty. New faculty bring research and curriculum innovations to the University.

The Board of Governors met May 1. The tuition for incoming medical students will increase 2%. Tuition for continuing medical students will not increase. The Medical School's accrediting agency believes the average debt incurred by our medical students is too high. The School is using scholarships and fellowships to reduce the debt burden.

The Board is reluctant to increase undergraduate tuition above the cap of 2.9% recommended by Governor Snyder. The cap might be removed because voters rejected Proposal 1 that would have provided money to repair Michigan's roads.

Mr. Romano serves on the University Parking Committee, which will provide guidance about the cost of parking. Parking is a major frustration for students. The recent student survey showed that students are most dissatisfied with parking, even after repairs were made to the structures and entrance and egress to the lots and structures were improved. The most stated criticism was the cost of parking. The Parking Committee will look at different models to pay for parking. Mr. Romano will continue to advocate to change the current model.

Several weeks ago, when the Policy Committee met with the President's Cabinet, Mr. Romano raised the concern that the way the University determines whether students are competent in mathematics delays their graduating or results in their dropping out without fulfilling the requirement. Associate Provost Monica Brockmeyer and Chair of Mathematics Daniel Frohardt attended a Policy Committee meeting where some of the problems were discussed. They will return with a proposal to modify the procedure for fulfilling the requirement and to revise the requirement to increase the rate at which students complete the competency.

Provost Winters added that her office is gathering data in response to the Policy Committee's questions. The math competency is being considered by the General Education Reform Committee in the larger context of revising the general education program. The committee is looking at the barriers students experience in fulfilling the Math Competency and English composition requirements.

Students have to either pass a competency examination or pass MAT 1000. Mr. Romano and Mr. Parrish explained that the test used to fulfill the competency is the same test the Math Department uses to place Math majors in courses. That placement exam has three parts. Students who pass Part A are placed in MAT 1000, students who pass Part B are placed in pre-calculus, and passing Part C places students into calculus. Students have to pass Part B to fulfill the competency requirement. Part B is college intermediate algebra; it is not equivalent to MAT 1000. Over the years, no one questioned the validity of the test. Mr. Parrish believes the issue needs to be addressed quickly because it affects our retention and graduation rates. He urged the Provost not to wait until the review of the general education program is completed because that could take a long time. Ms. Dillaway also spoke to the need to revise the requirement long before the entire general education program is revised. This one change would have a major impact on our students. With the data that the Policy Committee has requested, the Provost expects to have a better understanding of the situation within a few weeks.

Ms. Fitzgibbon asked if thought had been given to allowing math to be taught within the discipline in which the student is majoring, requiring different levels for the different majors. A student in the arts would not need the same knowledge in math as a student in the sciences. Provost Winters said that MAT 1000 was described as producing people who can read intelligently at the level of an article with

graphs and statistics in the *New York Times*. She will ensure that math across the curriculum is discussed. Mr. Reynolds suggested that departments and colleges that teach math courses in house be polled to learn what is being done.

B. Proceedings of the Policy Committee

The Academic Senate received the Proceedings of the Policy Committee meetings of March 23, March 30, and April 13, 2015. They are attached to these Senate Proceedings as Appendix A.

March 30, 2015

The Proceedings of March 30 state that, at a Curriculum and Instruction Committee meeting, Karen McDevitt, an online instructor, showed the Committee members how to teach online courses and how to evaluate them. Mr. Watten, a member of CIC, noted that the discussion was more involved than stated. It was not simply a demonstration. It was the beginning of a discussion how one person taught online courses and how other instructors might want to teach such courses. Questions were raised about different delivery models. The issues around online teaching are open.

III. ANNUAL REPORTS OF THE STANDING COMMITTEES

A. Budget Committee

The Chair of the Committee, Andrea Sankar, was unable to attend the meeting. Linda Beale, a member of the Budget Committee, made the report. Distributed prior to the meeting was Ms. Sankar's written report (Appendix B). Ms. Beale said that among the issues discussed were the on-going cuts to budgets and the implications of Governor Snyder's and the Michigan legislature's discussions about the state budget for FY 2016. The failure of Proposal 1 to increase Michigan's sales tax to fund road repairs leads people to think that the appropriation to higher education will be cut. If there is a zero or negative state appropriation, there may not be a cap on tuition increases. Even more than in other years, the University is in limbo regarding the state appropriation.

The Budget Committee also discussed the University's internal metrics for cutting unit budgets. There is an ongoing concern that research productivity measures mostly reflect grants in the STEM fields and do not take into account other types of faculty productivity and research. The Committee asked for a nuanced view of scholarly productivity.

The administration reported how it is allocating funds for capital projects. The Budget Committee consistently has argued for earlier discussion and for a consultative role in planning for capital outlays. Issues that members of the Committee raise when they see the report may not have been taken into account by the administration when determining the priorities. The members of the Policy and Budget Committees met with William Decatur, the new chief financial officer, and they are hopeful that, with his academic background, he will be more open to consultation.

B. Curriculum and Instruction Committee

Jane Fitzgibbon, the Chair of the CIC presented the report (see Appendix C). She summarized the issues on which the Committee worked this year: online course evaluation; the new course scheduling matrix; student retention; and general education reform.

The Committee discussed how the University could ensure that online teaching is of high quality. The instructors with whom the Committee met work extremely hard to deliver quality to students. There are several models of online delivery: courses where students never meet in a traditional classroom; hybrid courses where students may attend one or two sessions in a classroom; and courses in a traditional classroom, but even in these courses, students may take online examinations. The Office of Teaching and Learning has the responsibility to teach instructors about online teaching. Next year's Curriculum and Instruction Committee might want to look at the different kinds of online instruction.

The Course Scheduling Matrix Committee designated one credit hour to be 50 minutes for most courses. Classes will begin on the hour or half hour beginning in the 2016 spring/summer term.

Associate Provost for Student Success Monica Brockmeyer is in charge of improving student retention. The University will use big data to identify the areas where students encounter problems in satisfactorily completing requirements. Failure in the freshman year is a good predictor of where the student will be in year four. The CIC has asked Ms. Brockmeyer to look at the challenges that transfer students face. Some transfer students are ill prepared to perform at the university level.

The CIC met with Ms. Brockmeyer and Thomas Fischer, the co-chairs of the General Education Reform Committee (GERC). They explained the

process that the GERC will follow. CIC will continue to work with the GERC over the next year.

Ms. Fitzgibbon thanked the guests who met with the CIC this year.

There were several questions from the floor. Mr. Parrish asked if the Committee had dealt with the issue of intellectual property. Ms. Fitzgibbon replied that the Committee had not, but thought it was an issue that it might want to take up in the future. Mr. Parrish also mentioned that a joint committee formed by the AAUP-AFT and the administration would be working on all issues related to online teaching. Ms. Fitzgibbon asked that the Chair of the joint committee might keep the CIC informed about their work. Mr. Romano said intellectual property issues usually would be assigned to the Faculty Affairs Committee.

Mr. Petrov asked what evaluations had been done to determine the success or failure of the current general education program and what evaluations would be built into the new program to determine if it is successful. Ms. Fitzgibbon said that the only activity of which she was aware was the GERC's collecting data on the pass/fail rates of the gen ed courses. It will take at least a year for the GERC to define what general education should be and what it should not be. Some universities have different types of general education programs. One such program has gen ed courses structured around the student's major, rather than having all students taking the same courses. Ms. Fitzgibbon referred faculty to Mr. Fischer or Ms. Brockmeyer if they have questions and she suggested that they attend the focus groups that will be held on campus through the month of June.

Mr. Putatunda believes Wayne State requires too many general education courses. Engineering students would be better served if they could take more courses related to their major. Mr. Romano pointed out that many departments are dependent on the credit hours associated with general education courses. The credit hours allow departments to support teaching assistants. Reducing general education to the bare minimum could adversely affect departments. If some courses were eliminated, some large and prominent departments could be devastated. Budgets and research would be affected. Mr. Roth pointed out that not only are general education courses important for a well-rounded education, but what makes Wayne State's undergraduate education distinctive is that we have real scholars teaching undergraduate students in mid- and upper-level courses. To

have the scholars, we need to have a system that sustains graduate programs in departments. Mr. Petrov agreed that students benefit from a broad education, but what has to be considered is not only what is good for a department but what is good for the students.

Provost Winters said that faculty would have many opportunities to give input to the GERC. Focus groups are meeting and the interactive website has been set up. Documents will be posted on the website and people are able to express their opinions. The issues raised at this Senate meeting are among those on which the Review Committee is working. A survey will be conducted. The recommendations of the GERC will be given to the Senate and to the University community as a whole so people will understand how and why the Committee reached its conclusions.

C. Elections Committee

Ms. Simon chaired the Elections Committee. Her report to the Senate (Appendix D) consisted of a review of the various elections that are carried out by the Academic Senate. They are the election of the Policy Committee, the member-at-large election, the election of the Senate President, and the election of the Faculty and Academic Staff Hearing Panels. Mr. Romano, Associate Provost for Academic Personnel John Vander Weg, and Ms. Simon calculated the number of representatives to serve on the Senate for the next academic year.

D. Student Affairs Committee

Ms. Simon also chaired the Student Affairs Committee (SAC). The directors of various units that provide services to students met with the Committee. One of them, Ronald Kent, the Director of Career Services, informed the SAC that his staff provided services to 9,833 people during the 2013-2014 academic year. The data show that 6,313 of them were undergraduates, 2,181 were graduate students, and 1,229 were alumni.

The Committee looked at how the University is complying with Title IX, the federal law that prohibits sexual discrimination in education and that requires universities to investigate and take prompt action for incidents of sexual misconduct that occur on campus. WSU takes its responsibility seriously and fulfills the requirements.

Ahmad Ezzeddine, the Associate Vice President for Educational Programs and International

Programs, updated the SAC about his areas of responsibility. The highest number of international students are from India and the second highest number are from Canada. This year, a large contingent of undergraduate students from Brazil are in a special program called Science Without Borders. The University needs to increase the number of our students who study abroad.

Michael Wright, Vice President for Marketing and Communications, and his team presented information about the strategies they use to attract new students and to support research and development.

The SAC, in conjunction with the Center for Urban Studies, conducted a student survey. It was an extension of the survey done two years ago. Students rated Public Safety very well, but were displeased with parking.

The SAC toured the Athletic Complex. Members were impressed that academics, not athletics are stressed. The GPAs of every team are posted. The overall GPA of the athletes in fall 2014 was 3.07. Sixteen of the student athletes had a GPA of 4.0. The graduation rate of the athletes is about 40% higher than the graduation rate of the student body as a whole. Community service is stressed with the athletes accumulating over 10,000 hours of community service. In comparison, Ohio State University, which had the highest number of community service hours in Division One, had about 6,500 hours. Our athletes are well rounded, respectful, and confident.

Ms. Simon thanked the members of the Student Affairs Committee for their diligence.

Several of Mr. Reynolds' students have raised issues about accessibility on campus. He asked if the SAC dealt with such issues. Ms. Simon agreed that the campus is not handicap friendly. Old buildings do not have to be modified for accessibility. Ms. Rydstedt serves on an accessibility panel for the campus; numerous modifications have been made, improving accessibility.

The Annual Report of the Student Affairs Committee for the 2014-2015 academic year is attached to these Senate Proceedings as Appendix E.

F. Facilities, Support Services and Technology Committee

Mr. Artiss chairs the FSST Committee. He reviewed the Committee's work in the 2014-2015

academic year. He recognized Kafi Kumasi and Lori Pile. They were the only women on the Committee and did excellent work. Mr. Artiss would like more women to serve on the Committee. He thanked Chief Information Officer Joseph Sawasky for his service as the administrative liaison; he was a great resource.

According to the Bylaws, one of the charges to the Committee is to "participate in the development of the Capital Outlay Budget Request." Mr. Artiss thinks that some progress may have been made to involve the Senate in the process.

Committee members donated eight laptops to the HIGH program. FSST conducted a survey of day-care on campus. The survey was sent to students, faculty, and staff. One thousand eight hundred forty-eight individuals completed the survey. Eight hundred fifty-three respondents would use on-campus daycare immediately. The results of the survey were given to Provost Winters. A committee is looking at the issue of daycare.

The FSST Committee discussed upgrades for computing and information technology, TravelWayne, and LGBTQA (lesbian, gay, bisexual, transgender, questioning, and ally) issues. FSST assisted the Student Senate in locating the procedure and the office that handles issues related to the LGBTQA community. The student liaison, on behalf of the Student Senate, asked the Committee for its support to enhance recycling throughout campus. In 2013-2014 two members of FSST served on a committee that made suggestions for the renovation of the second floor of Manoogian Hall. They reported that the process went well.

Associate Vice President for Facilities Planning and Management James Sears presented the Capital Outlay Budget Request to FSST. He suggested that a committee be formed with faculty from FSST. Mr. Sears will approach the new Chief Financial Officer about forming such a committee.

FSST Committee members were certified as having taken the training for IT security. Mr. Artiss encouraged all to take the training. It will help people in their personal lives as well as in their professional work.

Mr. Lipovich asked what FSST could do to address the problems with TravelWayne. Provost Winters replied that the administration has been working all semester to improve TravelWayne to the extent that the University, as a purchaser of

the program, is able to improve it. The interface has been improved. The committee that is working on the issue is open to questions and suggestions. The subject has been mentioned several times at Senate meetings. At a meeting earlier this year, James Barbret, the Associate Vice President for Fiscal Operations and Controller, and members of his staff spoke to the Senate about what had been done to solve the problems. The Annual Report of the FSST Committee is attached to these Proceedings as Appendix F.

G. Research Committee

Ms. Ewa Golebiowska chaired the Research Committee in fall 2014. When she went on sabbatical in the winter term, Mr. Kessel assumed the chair. He presented the Annual Report of the Committee (Appendix G). The University's total income for research was \$144 million last academic year. Medicine accounts for 66%, Liberal Arts and Sciences 11%, and Engineering 9%. The remaining 16% is from other schools and colleges. Clinical income is limited because Tenet, which owns the Detroit Medical Center, is somewhat averse to risk. Associate Vice President for Research Philip Cunningham will meet with the Research Committee to tell them how the problem is being addressed.

The Committee received an update on the BUILD (Building Infrastructure Leading to Diversity) initiative and the Broadening Experiences in Scientific Training (BEST) grants. BUILD is designed to help undergraduate minority students train for graduate programs. BEST is designed to expose Ph.D. students to non-academic careers. A recent review of the BEST program was very positive. The Medical School gets 70 applications for the M.D./Ph.D. program per year. It trains four people per year.

The distribution of indirect cost return funds was altered to support the multi-disciplinary approach to research that the NIH wants. Our research ranking dropped from 56 to 64 among public universities and from 90 to 96 overall. In the first quarter of 2015, research is up \$11 million over last year. The NIH is funding to the 9th percentile.

The Committee toured the IBio Building. Existing programs will occupy 50% of the building and the Henry Ford Health System will occupy 15%. The programs that will get priority are metabolic diseases and environmental health programs.

IV. REPORT FROM THE CHAIR

Provost Winters reported that 68 of the 70 faculty who applied for promotion and/or tenure were successful.

The first group of five faculty were awarded Provost Fellows. This is an initiative funded by the Kresge Foundation to improve student success and retention. The Fellows are: Mary Anderson (Theatre and Dance, College of Fine, Performing and Communication Arts); Vanessa DeGifis (Classical and Modern Languages, Literatures and Cultures, College of Liberal Arts and Sciences); Vaibha Diwadkar (Psychiatry and Behavioral Neurosciences, School of Medicine); Donyale Padgett (Communication, College of Fine, Performing and Communication Arts); and Richard Pineau (Mathematics, College of Liberal Arts and Sciences).

V. COMMENTS BY THE UNIVERSITY PRESIDENT

President Wilson began by commenting on the defeat of Proposition 1 and how it might affect the University's budget for fiscal year 2016. The proposal was complicated. One provision would have amended the State Constitution to raise the sales tax from 6% to 7% in order to repair Michigan's roads. With its defeat, there is concern that the allocation to higher education might be adversely affected if the state government were to take money from the general fund to finance the repairs. Governor Snyder's budget, which was endorsed with slight modifications by both the Senate and the House of Representatives before the vote on Proposal 1, would increase the allocation for higher education by 2% with a tuition cap of 2.8%.

President Wilson said that the Academic Voluntary Retirement Incentive Program is partly a budget cutting measure. Two hundred eighty-nine people were eligible and 56 or 20% of them accepted it. The average age was 70.8 years and the average number of years of service was 33.5. The average salary was \$125,285. Implementation of the program will cost money upfront, but the long-term savings will be substantial.

The President has made it clear that the University cannot have faculty who are paid a salary but do not work. The administration began a program of litigating those faculty, if necessary. Some of them decided to leave the University over the last two years. Counting only the tenure part of their salaries, the annual savings are close to \$1.2 million.

It is taking longer to complete the strategic plan than President Wilson had anticipated. The members of the Board of Governors are reviewing the proposed

plan. The process has been inclusive with the involvement of community groups and focus groups within the University. The plan focuses on student success, teaching excellence, diversity and inclusion, research, community engagement, entrepreneurship, and financial sustainability. Each of the areas has goals and objectives. The key goals are increasing enrollment to 30,000 students, improving retention and graduation rates, closing the gaps in the retention and graduation rates of under-represented students, identifying clearer pathways to degrees, ensuring more data-driven interventions, identifying struggling students, and growing our research expenditures commensurate with some of our urban peer universities, such as Temple University and the University of Cincinnati. The values in the plan are excellence, integrity, diversity, inclusion, innovation, and collaboration.

The search for the new Vice President for Finance and Business Operations is completed. William Decatur has accepted the position. Mr. Decatur has a similar position at Virginia Commonwealth University. He understands academics and works with faculty.

President Wilson formed a Parking Advisory Committee. Being an urban university, we cannot offer free parking; we need revenue from parking. The University can look at ways to ensure that it is optimal for students and faculty as much as can be expected in an urban environment. This will be a standing committee to look at the issues and develop recommendations. The Committee will work with Vice President Decatur.

The Graduate School was successful in securing two grants from the National Institutes of Health (NIH). One is a \$1.8 million BEST Grant, the other is a BUILD Grant. The BEST Grant supports Ph.D. students who want to explore alternative careers rather than a career in academia. The BUILD Grant is a consortium of Wayne County Community College, Marygrove College, the University of Detroit Mercy, and Wayne State. When President Wilson was at the NIH he was involved in the establishment of the BUILD award. In competing for the award, WSU had the best score in the U.S. NIH is beginning to view Wayne State as a leader in graduate education. President Wilson acknowledged Ambika Mathur, the Dean of the Graduate School, for her leadership. The first cohort of BUILD students will be on campus in the summer. These students have high ACT scores and high GPAs and are interested in the sciences. They are from diverse backgrounds. The goal is to give them research experiences and an exciting curriculum that will lead to their going to graduate school in the sciences.

President Wilson has encouraged faculty to apply for large programmatic grants. Wayne State does very well in getting RO1 grants but needs to increase the number of programmatic grants in science. He is aware that the number of applications for such grants has increased, and he thanked the faculty for responding to his encouragement. The University, he said, needs to get a clinical and translational science award (CTSA). Two previous attempts were unsuccessful. The President and Vice President for Research Stephen Lanier are trying to position the University to be competitive for the next round of awards.

As of the end of March, the University has raised \$428 million in the capital campaign, and additional gifts were announced in recent days. In FY 2014, \$81 million was raised. The Development Office raised \$54 million, with \$27 million added to the Fund for Medical Research and Education. Ten regional campaigns have been launched in various parts of the U.S. since October 2014. The University is well within the projection for a successful campaign.

This concluded President Wilson's prepared remarks. He welcomed questions from the floor.

Mr. DeGracia asked the President what the University would do to be more competitive in applying for the CTSA. President Wilson reminded the Senate that last year two consulting firms looked at the University's research programs. One looked at our overall research activities, assessing our strengths and weaknesses and where to concentrate research activities. The other firm looked at our clinical and translational research efforts. The previous CTSA grants focused on infrastructure. The University was advised to focus on community intervention and specific areas of expertise in its next application.

President Wilson mentioned two rankings where Wayne State received recognition. The Brookings Institute looks at the value of the education provided by universities, as measured by the earnings of their alumni. They control for the type of students that a university admits and projects what the graduates' earnings should have been. They issue a plus if the graduates earn more than the projected earnings or a minus if they earned less than the projected earnings. Wayne State received a score of plus 14. The other ranking is the University Ranking of Academic Performance that uses published data on academic performance, looking at such things as scientific productivity, impact factors, research quality, and international acceptance as measured by collaborative research. Wayne State ranked 67 in the country and 221 in the world.

Mr. Lipovich raised questions about the re-location of research faculty to the IBio Building. His laboratory in Scott Hall has been flooded three times this year and there have been two power outages. How, he asked, was the decision made to move people to the new building? He thinks the people in Scott Hall should be able to apply for the space. President Wilson said that research based on team science would be housed in the building. He understands the frustration that Mr. Lipovich and other faculty and staff have with the problems in Scott Hall. The major problems are with the HVAC system and the roof. Replacing Scott Hall would be prohibitively expensive. The building was constructed in four quadrants which means they can be renovated separately. The HVAC system and one quarter of the infrastructure will be renovated at the same time. At its meeting of May 1, the Board of Governors authorized replacement of the Scott Hall roof. Mr. Lipovich said that problems with the plumbing in the building also need to be addressed; the damage to his laboratory on the third floor was due to problems on the fourth floor. He appreciated the President's plans to increase the amount of team science in the IBio Building, but he pointed out that there currently is a lot of team science at the University that is national in scope.

Mr. Petrov noted that most Carnegie I universities are members of the Association of American Universities (AAU), but Wayne State is not. Being a member would improve our image and it would attract support from foundations. The President said that Wayne State does not qualify for membership. We have to be more competitive in our research funding. In addition, because the AAU limits the number of members, Wayne State would have to replace another institution. The most recent university to be named is Georgia Technological University, which has close to \$400 million a year of funded research.

V. CLOSING COMMENTS

Provost Winters thanked the Senate members whose terms have ended and those who will return next year for their work on behalf of the faculty and academic staff. She also thanked Mr. Romano for his leadership as Senate President, and extended wishes that everyone have a productive and restful summer.

ADJOURNMENT: The meeting adjourned at 3:50 p.m.

Respectfully submitted,



Louis J. Romano
President, Academic Senate