

RECEIVED

NOV 01 2005

OFFICE OF THE SENATE

EP.06.16

PROPOSAL TO THE UIUC SENATE COMMITTEE ON EDUCATIONAL POLICY
October, 2005

TITLE OF THE PROPOSAL:

Merge the Departments of Theoretical and Applied Mechanics and of Mechanical and Industrial Engineering and Rename the Combined Department the Department of Mechanical Science and Engineering within the College of Engineering.

SPONSOR:

Ilesanmi Adesida, Interim Dean
College of Engineering

BRIEF DESCRIPTION:

Request to the Senate: (1) Merge the Department of Theoretical and Applied Mechanics and the Department of Mechanical and Industrial Engineering; and (2) as a consequence of this action, change the name of the combined department to the Department of Mechanical Science and Engineering.

The goal of this proposed reorganization is to strengthen the College of Engineering and better position it to sustain long-term excellence. The reorganization will enable the College to enhance the excellence and impact of what is today the Department of Theoretical and Applied Mechanics (TAM) and the Department of Mechanical and Industrial Engineering (MIE) for the future advancement of these programs and the College.

There will be no immediate change in degree programs.

All faculty members in the TAM and MIE departments will be invited to join the new unit on equal terms, and those who do will be on an equal footing. Those TAM faculty members who wish to be relocated to a different department will be assisted in the transition.

JUSTIFICATION:

The proposed reorganization addresses several issues with respect to our current organization: (1) the historic small size of the existing TAM Department; (2) the strong intellectual focus of mechanics in the MIE Department (25-plus faculty members); (3) the natural convergence of TAM and MIE research interests – applied mechanics has an innate place in mechanical engineering; (4) the combined department, providing greater resources, can sustain the current degree programs at or beyond their current standards of excellence.

In April 2004, the COE Executive Committee voted 7-6 to maintain the TAM Department. At that time, a search for a new Head was initiated. An outstanding internal candidate considered was offered the Headship but he declined. At that time, the search was put on hold and the Dean appointed a new interim department head. In Spring 2005, the same search committee was charged to reopen a national search which resulted in three outstanding external candidates being interviewed. However, at that time six faculty members of the TAM department, including three members of the search committee, requested to be transferred to MIE during the winter and spring this year (2005) due to internal departmental disagreements. This request was granted due to issues of retention. With the critical depletion in the number of faculty within the department, the department head search was terminated. It should be noted that during the period of May 2004 to July 2005, a total of nine faculty members left the department for other departments or institutions. This further reduced a small department to the point that it was difficult to meet the obligations associated with its degree programs. Recognizing the duplication of resources, in spring/summer 2005, the decision was made to move forward with a TAM-MIE merger as the only efficient solution to maintaining engineering mechanics and mechanical science within the college.

This proposal requests approval for an administrative change that will, along with other steps, position the new Department of Mechanical Science and Engineering to become a powerhouse in mechanical engineering and mechanics. Creation of this new department with focus on engineering as well as science is forward looking.

The Case for Merging TAM and MIE. The TAM Department has a rich tradition of quality and productivity dating back to the early conception of the College of Engineering. Recent tenure-track and tenured faculty departures (9 out of 17 faculty members have left the department since early 2004), combined with projected retirements, are curtailing TAM's ability to meet its teaching obligations. The intellectual focus of mechanics has flourished in MIE, where there is a very strong (25-plus+ faculty members) 'mechanics' group that can be made even stronger when joined by the TAM faculty members. The increased faculty numbers and resources available will ensure an overall ability to maintain excellence in teaching while performing the cutting edge research expected from our institution. There are significant interactions among the faculty members of TAM and faculty members in MIE. With this merger, the faculty members will be better positioned to form innovative collaborations ranging from theoretical and experimental to engineering applications. This will positively impact the increasingly pervasive presence of mechanical science-based research groups. This synergy will result in an increased ability to undertake intellectual endeavors in the emerging areas of biology, biomechanics and nanomechanics. Concern that the fundamental mechanics program would be diminished in a merger with the larger MIE Department are unfounded given the already very strong nucleus of fundamentally-oriented faculty members in MIE whose training and research is solidly founded in mechanics. In fact, given the large number of faculty members with interests in theoretical fluid and solid mechanics in the merged department, this area would likely emerge as one of the dominant groups, if not the dominant group, in the new department. The impact may not be instantaneous—it will take time for programs to coalesce and for faculty members to recalibrate. As part of the Department of Mechanical Science and Engineering (MechSE), TAM students will benefit from belonging to a more recognizable department, thus increasing their

marketability. We owe it to our students to provide adequate access to faculty advisors, reasonable class sizes, and design/research opportunities. Combining these units can best ensure these benefits.

The Case for the College. Maintaining the study of applied mechanics is paramount for any top-quality engineering school. The proposed merger will strengthen the national impact of what is today TAM and MIE, and will simultaneously strengthen the College of Engineering. The University of Illinois' College of Engineering is currently ranked fourth in the nation, with the goal of becoming first. In order to be first, all departments must be in the top five. This merger strengthens MIE in the area of mechanics and could help to push its ranking higher. MIE is already a strong department ranked between 3rd and 6th for the last sixteen years. By combining the departments, the College eliminates the duplicative efforts of two departments doing similar research and teaching in the area of mechanics. It would be a highly inefficient use of limited resources for the College to sustain the hiring plans of two units having such similar research agendas. This would dilute the impact of faculty lines across the College as a whole and threaten the effectiveness of all units by starving them of needed resources.

What Happens If the Current Organizational Structure Is Preserved? The TAM Department, if left alone, is unlikely to move ahead. The student population is low, and the discipline shows little signs of the growth potential that warrants maintaining an independent department. Most other preeminent institutions have incorporated the discipline into other departments. Since early 2004, the TAM Department has lost nine of its tenure-track faculty members, six of whom have moved to the MIE Department. Rebuilding the TAM department would require excessive duplication of MIE faculty/strengths. Thus, with the status quo, a continuing duplication of effort at the intersection between the TAM and MIE Departments is anticipated. Eventually, such duplication could dilute the organization and resources, which would greatly hamper the College's efforts to achieve the desired impact, coordination, or efficiency. It will be difficult for the College of Engineering to advance as the preeminent college in the nation without creating a structural collaboration of TAM and MIE.

Summary. Two practical options are possible: preserve the status quo, which will continue the downward spiral the TAM department has been on in terms of stability; or reorganize, which may be stressful and disruptive in the short term but which will ensure that the degree programs, and a strong mechanics activity, will be maintained. Despite the near-term disruption, the Dean of Engineering feels a responsibility to lead our College toward preeminence and national leadership in all its programs and strongly recommends the proposed reorganization for the long-term benefit and success of these programs and the College.

SUMMARY OF PROCESS:

In February of 2003, the Dean created an option-defining committee for sustaining world-class capability in engineering mechanics and applied mathematics at the University of Illinois. This group published its report in April 2003 as an objective look at the advantages and disadvantages of various options open to the TAM Department at that time, while offering no definitive opinion as to which to pursue.

The TAM-MIE Reorganization Committee was formed in September 2003 with a charge to develop a plan to merge TAM with MIE and to consider other options that would maintain excellence in engineering mechanics and science. The report was finalized in January 2004 and emphasized the necessity of a merger. Two other options mentioned, an Institute of Mechanics and a School of Mechanical Sciences, were not deemed practical in the current, and ongoing, budget environment.

As discussed in the Justification, in Spring/Summer 2005, the College determined that the only option was to merge TAM with MIE in order to preserve engineering mechanics and science at the University of Illinois. The MIE department worked to embrace the TAM faculty and mechanics identity via the appointment of an Associate Head for TAM Programs in the Department of Mechanical Science and Engineering. The new name for the department includes "science" in deference to the TAM department. These changes to the MIE departmental structure will ensure the excellence in teaching and research of theoretical and applied mechanics in the new department.

PREVIOUS ENGINEERING DEPARTMENTAL REORGANIZATIONS:

The University of Illinois' College of Engineering last reorganized units about 15 years ago when the Department of Ceramics and the Department of Metallurgy were merged into Materials Science and Engineering (MatSE). In February 1989, the Departments of Metallurgy and Mining Engineering and Ceramic Engineering were merged to form the Department of Materials Science and Engineering to enable the departments to coordinate their efforts in responding to the new high technology approach to materials development, design, and application. This merger evolved from an acrimonious situation 15 years ago to yield the nation's first-ranked MatSE program today.

In 1974, the Stanford Mechanics Department, with only five faculty members, was below critical mass and the decision was made to merge the department with Mechanical Engineering. Today the Mechanical Engineering Department boasts 16 of 61 faculty members affiliated with the Mechanics and Computation group, making it one of the strongest groups in the department.

In 1986, Georgia Tech merged its Mechanics Department with Civil Engineering due to low enrollment and funding. The Civil and Environmental Engineering Department currently has almost 30% of its faculty in the Structural Engineering, Mechanics and Materials area. The department offers graduate degrees in Engineering Science and Mechanics as one of its three degree-granting programs.

BUDGETARY AND STAFF IMPLICATIONS:

a. Additional Staff and Dollars Needed

No new staff or financial investment is required to transition the proposed reorganization beyond investing in strategic areas of growth in the new Department and meeting the obligations of the instructional program. Any new investments made will be part of the College's strategy to take

advantage of this reorganization to increase the national impact of what are today's TAM and MIE programs.

Thus, overall, while no direct budget requirements are associated with the reorganization, the College views this reorganization as creating an opportunity for increasing national impact. While there is a small transition cost planned to accelerate positive impact from reorganization, the proposed reorganization will ultimately create a more efficient organization with much less overlap between the TAM and MIE Departments in the mechanics arena, and make more efficient use of resources. Any short-term costs will be more than offset by long-term efficiencies. Like nearly all aspects of this reorganization, it is the long-term benefits (both impact and budget) that make this reorganization compelling.

b. Internal Reallocations (e.g. change in class size, teaching loads, student-faculty ratio)

The proposal recommends that the existing undergraduate and graduate degree concentrations in both TAM and MIE continue unchanged in the renamed department Mechanical Science and Engineering Department. There will be minimal impact on class size or student-faculty ratio as envisioned within programs during the transition period. TAM students will be advantaged by increased access to faculty advising and expertise in mechanics within the merged unit.

Plans will be made during the transition period by the Associate Dean for Academic Programs and the TAM/MIE faculty to redistribute the service teaching load with the departments that TAM currently services and where TAM faculty members move to. As mentioned previously, strategic investment will be made in the new department to meet the obligations of the instructional programs. This will be done with due consideration of the service teaching load of the new department.

c. Effect on Course Enrollment in Other Departments and Implications of Discussions with Representatives of those Departments

Both TAM and MIE have developed significant collaborations with other units in the College and across campus. These collaborations will continue unchanged since no impact is proposed nor anticipated on current academic programs or course offerings.

d. Impact on Library, Computer Use, Laboratory Use, Equipment, etc

No immediate impact on library, computer, laboratory use, or equipment is envisioned.

e. Other Parameters

Various issues concerning reorganization have been discussed and, although not part of this request, are presented below for informational purposes to document the College's expectations and commitments in several important areas:

- 1) All current faculty members will have the option to join the Mechanical Science and Engineering (MechSE) Department. Those faculty members who do not wish to be part of MechSE may request to be relocated to units in which their interests are better aligned. The Dean of the College of Engineering will assist all faculty members in finding the best home for each individual. Affiliate, 0% time, and split appointments will be encouraged, as appropriate, to meet the needs of individual faculty members and units with special consideration and attention to the teaching program.

- 2) An Associate Head for TAM program responsibilities will be appointed by the Mechanical Science and Engineering Department Head.

GUIDELINES FOR UNDERGRADUATE EDUCATION:

The new unit will have no change in degrees. Undergraduate and graduate degrees administered by MIE and TAM will be administered by the MechSE Department.

FREQUENTLY ASKED QUESTIONS:

1. *Will anyone lose his or her job as a result of reorganization?* No.
2. *Will any student's ability to pursue his or her MIE or TAM degree be affected?* No. The degree programs currently administered by TAM and MIE will be transferred to the merged department [Bachelor of Science in Engineering Mechanics (BSEM), Master of Science in Theoretical and Applied Mechanics (MS-TAM), Doctor of Philosophy in Theoretical and Applied Mechanics (PhD-TAM), Bachelor of Science in Mechanical Engineering (BSME), Master of Science in Mechanical Engineering (MSME), Doctor of Philosophy in Mechanical Engineering (PhD-ME)].
3. *Why "Mechanical Science and Engineering" for the Departmental name?* This name was recommended by the MIE faculty, with input from TAM, to reflect the emphasis on "mechanical science" in the department.
4. *How will promotion and tenure of faculty be handled?* Those faculty members who choose to join in the MechSE unit will have their appointment in that unit. Promotion and tenure processes in the unit will follow normal procedures.
5. *Will faculty be forced to join the MechSE Department?* No. The current faculty members may join the MechSE Department if they wish, or request transfer to a different department, if they so desire.
6. *Is there a commitment to maintain the degree programs?* The degree programs will be maintained. The UPC and GPC of the MechSE Department will evaluate all degree programs in the future.
7. *Won't we lose the identity of a center of mechanics excellence?* No. The reorganization of the MIE and TAM Departments to merge and the name for the new department provides for strong identification of engineering mechanics.
8. *What will happen to gift funds in TAM?* We will examine gift fund agreements carefully and adhere to the terms and restrictions of the gift. Where there is some flexibility, we will attempt to direct the gift to the logical use, consistent with the donor's intentions.
9. *What about scholarships, fellowships, professorships, chairs, etc.?* These will be handled just like the gift funds.
10. *Will all the current areas of emphasis in TAM and MIE be continued in the future in the MechSE Department?* No. The same can be said of any department. Areas of emphasis evolve and change over time in all units. The goal is national leadership, and in that context, the areas of emphasis in the future will be consistent with areas of greatest opportunity in engineering mechanics and mechanical engineering that have changed, are changing, and will continue to change. As faculty members leave or retire,

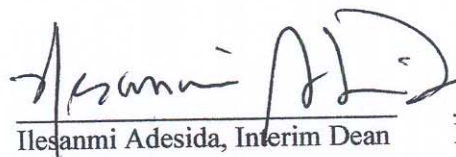
the unit will have to weigh its options and hire people in areas of greatest need and opportunity.

11. *How does the Dean's status affect reorganization?* The Dean's status does not affect the reorganization. This reorganization has been in process for several years and is at a juncture where action must be taken.
12. *Will there be a change in department head when the reorganization occurs?* No. The College has recently selected a new department head for MIE, who coincidentally received his Ph.D. from the TAM Department.
13. *When does this merger become effective?* With appropriate approvals, the merger will become effective August 2006. This provides a natural symmetry to the ongoing program transfer between General Engineering and Industrial Engineering. This also becomes effective in August 2006. Therefore in August 2006, the College will have a new Department of Industrial and Enterprise Systems Engineering made up of the programs of GE and IE and also a Department of Mechanical Science and Engineering made up of the programs of ME and TAM.

CLEARANCES:

The initiation of this proposal for reorganization has the support of the College Administrative Committee. Votes will be taken and transmitted to the Educational Policy Committee very soon. Formal votes will be taken in the College Executive Committee, College Administrative Committee, and among faculty in the TAM Department and the MIE Department. In addition, all COE faculty will have the opportunity to vote on the proposal. All votes will be transmitted promptly to the Educational Policy Committee. Voting is for informational purposes and for use by the Educational Policy Committee in its evaluation of the proposal.

SUBMITTED BY:

 10-27-05
Ilesanmi Adesida, Interim Dean Date

STATEMENT FOR PROGRAMS OF STUDY CATALOG:

Editorial changes throughout the bulletin are included.

EFFECTIVE DATE:

August 16, 2006

MINUTES

UIUC Faculty Senate Public Hearing on Proposed Merger of Theoretical and Applied Mechanics (TAM) and Mechanical and Industrial Engineering (MIE) Departments

Held by Senate Educational Policy Committee
Room 190 Engineering Sciences Building
December 7, 2005

1. The meeting was called to order at 3:37 pm by Professor Abbas Aminmansour, Chair of the Senate Educational Policy Committee.
2. Professor Aminmansour briefed the audience on goals of the hearing which were to hear remarks of the campus community with regard to the proposed merger of the TAM and MIE Departments. He stated that the merger proposal, sponsored by Dean Ilesanmi Adesida of the College of Engineering, has been cleared by the Provost's Office, and is now under consideration by Educational Policy Committee of the Senate. He outlined procedures that will be followed in coming months for review of and voting on the proposal.
3. The Dean of the College of Engineering, Professor Ilesanmi Adesida, summarized points of the merger proposal. He emphasized that current College strengths in mechanics would be maintained, as well as enhanced, through the MIE department which is proposed to be renamed to *Mechanical Science and Engineering (MechSE)*. As a point of information, the College Executive Committee voted to support the merger proposal by a vote of 14-1. As well, the College Administrative Committee voted to support the merger by a vote of 15-1. In addition, 65% of the College faculty voted in favor of the proposal with a vote of 184-95.
4. The Interim Head of the TAM Department, Professor Nancy Sottos, summarized reactions of the TAM faculty and students to the merger proposal. She emphasized the need to keep TAM as an independent department rather than merging with the MIE department. She advocated rebuilding of the present TAM department by replenishing lost faculty positions. She said that it is unlikely that a distinct mechanics program could be sustained in the new MechSE Department, and that the loss of TAM would hurt the reputation of the College. As a point of information, TAM faculty voted 8-0 to not support the proposal.
5. The Head of the Mechanical and Industrial Engineering Department, Professor Huseyin Sehitoglu, summarized reactions of the MIE departmental faculty with respect to the merger proposal. He mentioned that the leading mechanical engineering departments in the US, have significant percentages of faculty involved in mechanics, and that his department is no exception. He stressed that the College has a responsibility to make mechanics better, and that the importance of mechanics at Illinois should not be compromised. As a point of information, MIE faculty voted 34-1 to support the merger proposal.
6. Michael Stone, professor in the Physics, expressed a general concern that the merger proposal would further diminish the university's strength in mathematics.
7. Alan Bolind, graduate student in Nuclear, Plasma and Radiological Engineering, stated that an independent TAM department is doing well for the College, and recommended against the merger. He asked Dean Adesida how will resources be allocated in the event that the merger does not oc-

cur. He asked Professor Sehitoglu how separate departments would synergize mechanics research, again in the event that the merger does not take place.

8. Y. Huang, professor in Mechanical and Industrial Engineering, expressed his passion for mechanics, noted the esteem of present MIE faculty in mechanics, and offered his support of the merger proposal.
9. William Morgan, undergraduate TAM student, stated that the impact of the proposed merger would be significant with respect to undergraduate education in mechanics. He said that he would be remiss if the undergraduate program in TAM were to disappear.
10. Michael Turner, undergraduate student in Aerospace Engineering, stated that he has found TAM instructors to be very helpful, particularly with regard to tutoring outside of the classroom. He fears that this personal faculty-student interaction may diminish if the departments are merged.
11. Andrew Alleyne, Chair of the MIE Faculty Advisory Committee, expressed that his committee has spent an extraordinary amount of time to evaluate how the merger can be made to best serve students, faculty and alumni, and recommended his full support of the proposal.
12. Linus Trippe, undergraduate TAM student, expressed his fear with regard to changes in degree requirements that might result if the merger occurs. Professor Aminmansour pointed out that no changes in TAM curricula, degrees and degree requirements are included in this proposal. He added that any future such changes will have to be approved by the Senate regardless of whether the merger proposal is approved or not.
13. Daniel Widrevitz, undergraduate TAM student, stated the need to produce future mechanics faculty from a department devoted to pure mechanics.
14. Nigel Goldenfeld, professor in Physics, said that the College will be worse off if the merger goes through.
15. Robert Haber, professor in TAM, said the merger proposal process was flawed. He said that undue pressure and improper incentives were given by the Dean to encourage TAM faculty to transfer departments. He stated that the proposal has no clear rationale, and is not factual. Dean Adesida denied such allegations that he or the former Dean encouraged faculty to leave or transfer departments. Professor Sehitoglu said that there were no discussions of salary increases for the TAM faculty that transferred to MIE.
16. Petros Sofranis, professor in MIE who transferred from TAM, expressed reasons why he decided to transfer departments and read from his letter submitted to Dean Daniel. He stated that the College did not encourage him to transfer departments.
17. Scott Stewart, professor in MIE who transferred from TAM, expressed that TAM has been a department in crisis since he joined it in 1981. He further stated that without modernization of the program, as proposed with the merger, mechanics at Illinois will decline.
18. James Phillips, Associate Head of TAM and long-time faculty member of department, stressed emphatically that he is not in favor of the merger and recommended that the Education Policy Committee reject the merger proposal.
19. Dean Adesida, Nancy Sottos and Huseyin Sehitoglu gave their closing remarks reiterating their concerns for and against the merger.

20. Professor Aminmansour thanked all for attending and closed the meeting at 5:35pm.

Minutes prepared by:

A handwritten signature in black ink, appearing to read "D. Abrams".

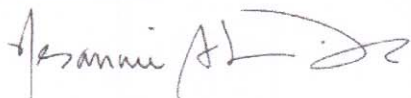
Daniel P. Abrams, Secretary
College of Engineering Executive Committee

Clarifications from the Dean: TAM-MIE Merger
College of Engineering
March 10, 2006

- **Degree programs.** No changes are contemplated. Any changes would initiate in the department and would require approval by the College Executive Committee, Senate, Provost and Board of Trustees.
- **Faculty Transfers.** For various reasons, a number of TAM faculty members petitioned to transfer to MIE. Several had, or were developing, outside offers. The Dean, with the concurrence of the Provost, approved the transfers. As has been done in transfers and retention cases in the College, adjustments in salary, resetting of the tenure clock, and supplementary research funds were provided. We emphasize that tenure roll-back for Assistant Professors is only considered in the College under extenuating circumstances. The actions carried out for the transfer of TAM Professors to MIE Department were entirely in line with college-wide policies as has happened in other retention/transfer cases.
- **Decision Process.** The Committee that proposed a merger could not identify a demarcation between the research agendas of faculty members in TAM and in MIE. The number of undergraduate majors in TAM, while larger than in the recent past, was still well below the student/faculty ratio of 15 that is the target for the College. In the light of the departure of faculty from TAM (6 to MIE, 3 leaving the University), the College decided to revisit the merger option. With only the TAM representative opposed, the College Executive and Administrative Committees voted to proceed with the merger proposal. The final proposal was presented to the entire faculty of the College, which voted 2-1 by secret ballot (65% participation) to present the proposal to the Senate.
- **Benefits of the Merger.** As endorsed by two study committees, there are substantial educational and intellectual advantages to the merger. Whether graduates move to industry or continue to graduate school, they are expected to have participated in broad, interdisciplinary design projects. Opportunities to join such projects will be greatly enhanced in the larger MechSE department. At the graduate level, students will have PhD committees with a broader range of expertise, will interact with a larger number of fellow students having diverse interests, and even have a wider range of thesis topics to pursue.
- **Benefit to the College.** The fields of mechanics and mechanical engineering are changing rapidly to encompass issues in biology, energy, and advanced materials. Any top-ranked College of Engineering will have to have strong programs in theoretical biomechanics, combustion, fluid flow, and solids — in short all the areas formerly represented in TAM and more. There is no question that mechanical science is and will remain a centerpiece of the new department.

- **Downside of the Current Structure.** The campus strategic plan calls for significant reallocations of resources to address high-impact, cross-campus initiatives. In many of these areas, the College of Engineering will have an essential role to play and is therefore obligated to make internal reallocations that enhance its strengths. In the mechanics area, we would build on strength in biomechanics, fluid mechanics and combustion, nanomechanics and MEMS devices, all of which are already centers of strength in mechanical engineering. We would not be able to fulfill our roles in biomedicine and energy sustainability while at the same time reconstituting a separate mechanics program.
- **Process.** The viability of TAM has been revisited frequently over the past several decades. The small numbers of undergraduate majors and the convergence of its research agenda with that of MIE were motivating factors. Following the departure of nearly half the faculty in 2004-2005, the proposal before you was developed and approved by the College faculty (vote:184-95), College Administrative (vote:15-1) College Executive Committees (vote: 14-1), and Mechanical and Industrial Engineering (vote: 34-1) but disapproved by the remaining members of Department of Theoretical and Applied Mechanics (vote: 0-8)
- **To address the question about the duties and responsibilities of the Associate Head of Mechanics Programs to be appointed in the Department of Mechanical Science and Engineering following the merger, we list them here. In cooperation with the other Associate Heads in the Department, the duties shall be, but are not limited to, the following:**
 1. Assist the Department Head in assigning and staffing engineering mechanics courses.
 2. Assist the Department Head in administering endowments for scholarships as they pertain to engineering mechanics and theoretical and applied mechanics students and named seminar series.
 3. Assist the Department Head with the annual fund drive as it pertains to engineering mechanics and theoretical and applied mechanics alumni.
 4. Assist the Department Head to work toward the integration and establishment of a single alumni board for Mechanical Science and Engineering.
 5. Serve as senior advisor to engineering mechanics students and graduate teaching assistants assigned to mechanics courses.
 6. Serve as member of undergraduate and graduate program committees.
 7. Serve as advisor to undergraduate mechanics student societies.
 8. All other duties as assigned by the Head, Department of Mechanical Science and Engineering

Submitted by,



Ilesanmi Adesida
Interim Dean, College of Engineering