



Alpha Eta Mu Beta

NATIONAL BIOMEDICAL ENGINEERING HONOR SOCIETY

Binghamton University Chapter Binghamton University, State University of New York

Preamble

That those marked scholars of Binghamton University, who have demonstrated exemplary excellence in the areas of scholarship, integrity, service, and leadership in the community, as well as in the field of Biomedical Engineering, may continue to develop these qualities and be recognized for their contributions to the field. To provide networking opportunities between students, current leaders, alumni, and outstanding faculty who have attained prominence in the field, to foster relationships that will promote collaboration, and to create a stronger Biomedical Engineering community. To create an environment that will foster these students' curiosity and passion for the field. While promoting a further understanding of the knowledge required to become a successful Biomedical Engineer and scholar, we do hereby ordain and establish the following constitution.

Article I Name

Section 1. Name

This organization shall be known as the Binghamton University Chapter of Alpha Eta Mu Beta, The National Biomedical Engineering Honor Society; referred to herein as Binghamton AHMB.

Section 2. Official Symbols

The symbol for Binghamton AHMB shall be the early form of the Greek letters Alpha, Eta, Mu, and Beta. Use of the symbols AHMB or AEMB shall be permitted and shall be worn by all members who have been inducted into the national body of AHMB. The insignia shall be the following seal:





Article II
Membership

Section 1. Active Membership

- a. There shall be one class of active members.
- b. Active membership shall be open to those full-time undergraduate and graduate students duly registered in Bioengineering or Biomedical Engineering at Binghamton University. All curricula shall be referred herein as Biomedical Engineering.
- c. Students will be eligible for active membership provided they fall within one of the following categories:
 1. Juniors, as determined by their curriculum, who have maintained a grade point average in the upper one-fifth of their graduating class
 2. Seniors, as determined by their curriculum, who have maintained a grade point average in the upper one-third of their graduating class
 3. Transfer students who have met the criteria based on whether they are a Junior or Senior after having been matriculated at Binghamton University for a minimum of one semester.
 4. Graduate students:
 - i. Who have completed 8 semester hours of study if in the Master's degree program.
 - ii. Who have completed at least 12 semester hours of study if in the Ph.D. program
 - iii. Must have maintained a scholastic grade-point-average of at least 3.75 on a 4.0 scale and be ranked in the upper one-third of eligible graduate students.
- d. In all cases, candidates for membership shall have completed at least 6 semester credit hours of Biomedical Engineering courses (or the equivalent).
- e. Candidates for membership into Binghamton AHMB, in addition to having the required scholastic rank, must demonstrate unimpeachable character, integrity, and service to others as determined by Article III, Section 3.
- f. In the case of students whose eligibility is still in doubt after referring to the requirements stated above, the matter shall be referred to the National Executive Council for appropriate action.
- g. The conduct of all members shall at all times meet the high standards of Binghamton University and Alpha Eta Mu Beta.
- h. Membership in any other fraternity or society shall not prevent a student from active membership into AHMB.



Section 2. Alumni Membership

- a. Any graduate Bioengineer or Biomedical Engineer from Binghamton University, who during his or her scholastic undergraduate career fulfilled the requirements for membership, may be eligible for alumni membership providing that the degree was received during a period when the program was ABET accredited.
- b. Any active member, upon completion of his/her studies, shall become an alumni member of the AHMB chapter at Binghamton University.
- c. A member having received a degree at one institution and pursuing an advanced degree at Binghamton University may apply to the AHMB chapter at Binghamton University to have his/her alumni membership reverted to active membership, pursuant to Binghamton University's chapter's by-laws.

Section 3. Faculty Membership

- a. Faculty membership may be granted to a faculty member of Binghamton University's AHMB chapter who has made an outstanding contribution to education in the field of Biomedical Engineering, upon review and approval of his/her credentials by the National Executive Council.
- b. The purpose of the faculty membership is to provide a direct and manifest means for faculty of the program in Biomedical Engineering to be identified with, and participate in the activities of AHMB at Binghamton University. While there is no intent that a faculty member should participate as an active member in the chapter, faculty need to be fully aware of the ideals and objectives of the chapter and to render aid and assistance to the chapter as needed. The traits expected of the members of AHMB -- scholarship, character, responsibility, sociability, diligence, and widespread interest – are of prime consideration in faculty-student relationships. The affiliation of the faculty and their contribution to the welfare of AHMB are encouraged.
- c. Qualifications for faculty membership are as follows:
 - (1) The candidate shall hold rank above instructor in the Biomedical Engineering Department at Binghamton University.
 - (2) The candidate shall have at least three years of full-time teaching and/or research experience as a faculty member in the Biomedical Engineering Department at Binghamton University.
 - (3) The candidate shall be clearly identified with the Biomedical Engineering courses and research of the department.
 - (4) The individual receiving the faculty membership is required to attend the initiation on the campus of the sponsoring chapter. The chapter membership should view every proposed faculty member as a chapter advisor.
- d. The process for faculty election into AHMB are as follows:



- (1) Seven copies of a biography of each candidate and qualification statements indicating outstanding contributions, must be written by two active members of the chapter.
 - (2) Biographies must be submitted to the National Office six weeks prior to the next regularly scheduled initiation date for approval by the National Executive Council.
 - (3) A candidate must receive at least two-thirds affirmative votes of the total number of eligible votes in the National Executive Council to be elected.
 - (4) Upon receipt of written approval from the National Executive Director, the candidates for faculty membership are processed in the same manner as active member candidates.
 - (5) The faculty member is initiated at the next regularly scheduled initiation ceremony of the Binghamton Chapter of AHMB.
- e. In no case may a faculty member be initiated without specific written approval from the National Executive Director.

Section 4. Election of Members

- a. Presentation of electees to the chapter shall be held during a mandatory general body meeting as scheduled by chapter officers. A majority vote of all active members shall be required to elect a person to membership.
- b. Election of members shall be conducted via a closed online ballot after presentation of electees to the chapter. Academic eligibility will be verified by the chapter's Faculty Advisor and other eligibility requirements will be determined based upon Article III, Section 3.
- c. All candidates for membership shall be initiated, according to the prescribed ritual of the national initiation script and Binghamton AHMB.

Section 5. Eligibility Questions

Any questions concerning the eligibility of students for an active membership at Binghamton University should be sent with a copy of the current chapter bylaws to the National Executive Council for review and decision. The appeal of any particular decision will rest solely with the National Executive Council.

Section 6. Inactive Members

- a. An active member shall be declared inactive at the culmination of each academic grading period subject to failure in fulfilling all requirements as stated in Article III, Section 2.
- b. Inactive members may be reinstated after fulfillment of all unmet requirements from the previous and current grading periods.



Section 7. Disqualification of Membership

- a. Any member, active or inactive, may be expelled from the Binghamton Chapter of AHMB for failure in upholding the Constitution or the Binghamton University Student Academic Honesty Code and for such acts that bring discredit upon the member or Binghamton AHMB, or for any just cause as shall be ruled upon by the chapter officials and faculty advisor, except as set forth in Article VIII, Section 3.b.
- b. The method for expulsion is by:
 1. Charges presented and signed by at least four active members to chapter officials.
 2. Closed door meeting of chapter officials and a majority vote of three-fourths.
 3. Upon agreement of voting, a thorough and impartial interview and evaluation of the member concerned by the chapter officials and faculty advisor.
 - i. Upon discretion of the faculty advisor, matters will be brought to the attention of the Binghamton University's Academic Honor Committee.
 - ii. If found guilty of a category II offense by the Academic Honor Committee as described by the Student Academic Honesty Code, automatic expulsion from AHMB will occur.
 4. A majority vote of four-fifths of the active membership at the next general body meeting as schedule by chapter officials shall determine expulsion of the member concerned.
- c. For any case involving a member convicted of a crime or convicted by a student honor court or a school administration, refer to the National Constitution Article VIII, Sections 3.b-3.c.
- d. An expelled member has the right of appeal within thirty days to the National Executive Council.

Article III
Requirements

Section 1. Membership fees

All active members of the Binghamton University chapter of AHMB are required to pay the national AHMB dues (checks or money orders should be made out to Alpha Eta Mu Beta, Inc.). The amount is determined by the current national dues. This fee is to be paid once upon election into the chapter. Additional dues may be collected to facilitate local chapter activities.

Section 2. Membership fulfillments

All active members are required to fulfill the following requirements per semester:

1. Attend a minimum of two General Body Meetings as scheduled by chapter officers.



2. Attend a minimum of two events as planned by the officers.

Section 3. Electee fulfillments

All candidates for membership are required to:

1. Complete Parts 1 through 3 as described by the National Initiation Project.
2. Completion of interview by chapter officials to determine eligibility.
 - i. Part 1 must be completed prior to interview process.
3. Acquisition of a signature from the interviewing official.
4. Attend the electee meeting as scheduled by chapter officials, after which election of members will be voted upon by the active chapter as stated in Article II, Section 4.

Article IV Governance

Section 1. Officer positions and responsibilities

- a. The elected officers for the AHMB chapter at Binghamton University and faculty advisor shall be solely responsible for maintaining the activities and events of the chapter.
- b. Officers shall be elected by the current chapter members to serve a term of one year. Elections will be held at the second general body meeting of the Spring semester to determine the elected officials for the coming year. The newly elected officers will serve their tenure beginning from the election meeting and ceasing at the culmination of the following academic year. Between the time of election of the newly elected officers and the end of tenure of their predecessors, both parties shall work simultaneously to ensure a smooth and proper transition of the organization.
- c. The officer positions and duties are as follows:
 - a. **President:** The President is responsible for organizing all chapter meetings and events. The President is responsible for corresponding with the national executive board and all other elected officers. The President will maintain a newsletter to communicate with officials and active members.
 - b. **Vice President:** The Vice President will stand in for the President in an emergency as well as assist the President with his/her responsibilities. The Vice President is responsible for corresponding with other organizations at Binghamton University and organizations in the community. The Vice President is responsible for organizing all AHMB sponsored and co-sponsored events. Any issues that cannot be resolved by the Vice President will be presented to the President.
 - c. **Secretary:** The Secretary shall handle all paperwork of the organization as well as record the minutes of each chapter meeting. The Secretary is responsible for



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organizing the annual chapter report. The Secretary will maintain an active website which will include upcoming events and membership requirements.

- d. **Treasurer:** The Treasurer shall act as the financial officer of the chapter. He/She shall be responsible for collecting all funds of the chapter. The Treasurer is responsible for maintaining financial records, collection of receipts for proper reimbursement, and filing taxes following federal and state regulations. The financial records will be included in the annual chapter report.
- d. Additional officer positions may be created based upon size and majority vote of active membership.
- e. Committees may be formed based upon discretion of the chapter officials.

Section 2. Removal of Chapter Officers

Officers may be removed from their post if they are found to be neglecting their duties or if found to have fallen out of good standing with the department and school. A discussion will be held with the faculty advisor and chapter officers, following this, a silent vote will be held at the next chapter meeting. During this interim, the officer in question shall be placed on temporary suspension of official responsibilities. If more than two-thirds of the chapter believes the officer in question should be removed of their duties, a new officer will be elected. When unsure of the appropriate course of action, or in matters that require intervention, the chapter advisor is to contact the National Executive Council.

Section 3. Meetings

- a. The chapter shall meet as determined by chapter officials each semester. There shall be a minimum of four meetings annually. All meetings where a vote is held are mandatory. Additional meetings may be held during the summer if the active members attending the summer term so desire.
- b. For voting purposes, a quorum must be present in order for a decision to be official. It shall consist of at least 51% of the active membership of the chapter. If no quorum is present, the meeting shall continue however, no executive decisions shall be made.
- c. A special meeting may be called at any time at the discretion of the President of the chapter.

Article V Amendments

Section 1.

- a. This constitution may be amended by an affirmative three-quarters vote of the Binghamton University Chapter.
- b. An amendment to the constitution may be proposed by any active member during a chapter meeting or to any chapter official, and will be voted upon in the next general body meeting.



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- c. A copy of the proposed changes to the constitution will be made available to the chapter members at least two weeks prior to the vote. Upon agreement on voting, a copy of the proposed changes will be provided to the National Council for review. If passed, the changes will take effect immediately.