



Alpha Eta Mu Beta

NATIONAL BIOMEDICAL ENGINEERING HONOR SOCIETY

Welcome to Alpha Eta Mu Beta. Please join the growing number of ABET accredited bioengineering programs who have established the chapters of Alpha Eta Mu Beta, the National Biomedical Engineering Honor Society. The purpose of the society is to honor and bring together outstanding biomedical engineering students who have demonstrated a deep interest and marked ability in bioengineering. Our further aim is to promote a better understanding of our profession and to help our members develop professionally. In short, AEMB nurtures and encourages outstanding students to become future leaders in our industry.

Our local chapters have cosponsored BME Day open houses, instituted numerous community service projects, lab tours, organized panel discussions on career options for biomedical engineers and professional development activities, and many other activities. Our initiates receive a certificate and pin, and when they graduate are eligible to wear our AEMB honor cords. We have an annual grand meeting of chapter members, officers and faculty with the national officers during the BMES Fall Meeting to exchange ideas and to discuss chapter needs and interests. During this meeting we recognize outstanding chapters, chapter members and faculty by presenting national awards. In addition, AEMB hosts several sessions on key topics of biomedical engineering such as ethics and public policy to name a few. This year's speaker gave a stirring motivational presentation on ethics and professional conduct in the field that excited students and faculty and conveyed his passion for the field and optimistic outlook for the future. You will have an opportunity to network with outstanding students and academics, national AEMB officers, our Executive director and staff, and leaders in our industry.

AEMB was founded in 1979 by Dr. Daniel Reneau. We currently have 33 chapters. Biomedical Engineering and Bioengineering programs that have been accredited by ABET are eligible to have AEMB chapters. Due to the marked increase in biomedical engineering and bioengineering programs across the country, there are now over 80 accredited programs and several more will be accredited in the next few years. This is a very exciting time in the field of biomedical engineering and we are presented with an unparalleled opportunity for growth as an honor society. We wish to represent all accredited bioengineering programs so we can honor outstanding students and to encourage and assist them in becoming our future leaders.

We have enclosed a packet of information and forms to help you get started in establishing a chapter of Alpha Eta Mu Beta at your school. If you have any questions or concerns, please feel free to contact one of us.

Sincerely,

Anthony J. McGoron, PhD
National President
mccgorona@fiu.edu

Dominic E. Nathan, PhD
National Student President
dominic.nathan@mu.edu



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GUIDE TO STARTING A CHAPTER

Alpha Eta Mu Beta welcomes you into a growing association of biomedical engineers who have a common desire to recognize and encourage excellence in biomedical engineering. Perhaps we can make a few suggestions that will help you in establishing a chapter of Alpha Eta Mu Beta (AEMB) at your school.

Each local chapter may set minimal scholastic standards within the guidelines of the national constitution, which is posted on our web site at <http://www.alphaetamubeta.org>. Your school's bioengineering program must be accredited by ABET before applying for a chapter charter. Determining the character and general abilities of candidates for membership is left up to each chapter. This might be accomplished by inviting candidates to meet with present members to discuss topics such as their futures in biomedical engineering, their professional and interests, and so forth. Other possibilities include a written exam, writing a brief report on the history of biomedical engineering, and obtaining signatures from present members. These and similar activities are designed to determine the candidate's level of interest and ability in biomedical engineering. Some of these activities also help to promote association with other outstanding colleagues, high ethical standards and to instill pride in the *alma mater*. As far as the very first members of a chapter, the faculty advisor and student organizers themselves must determine possession of these more abstract qualities.

Recommended activities for the chapter include preparing and maintaining a historical record of the biomedical engineering program, an awards and initiation ceremony each year, tutoring sessions for biomedical engineering courses, community service projects and other programs that can promote development both personal and professional. If any overlap occurs between your chapter and any professional organization for biomedical engineering students on your campus, remember that your main purpose is to recognize and promote excellence in the field while the other groups are primarily concerned with social and professional enrichment. In matters of common interest, you should attempt to work together. For example, you may be able to co-sponsor a spring awards banquet; a departmental open house, such as a BME Day; or a BME department picnic.

To form a chapter, the accompanying letter of petition must be signed by at least 10 undergraduate students who qualify for membership in *Alpha Eta Mu Beta*. It must also be signed by the department chair and your faculty advisor (if not the department chair). Please also include the requested contact information.

If you have any questions, please direct them to the national president, Anthony J. McGoron (mcgorona@fiu.edu) or national student president Dominic E. Nathan (dominic.nathan@mu.edu). We look forward to your membership and in helping you honor your outstanding students and to encourage them to become future leaders in our industry.



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INITIAL CONTACT INFORMATION

The following person will serve as the initial chapter contact until officers have been elected. This may be the Chair of the Department, another faculty member, a staff member or a student.

Name: _____

Department: _____

Address: _____

Telephone: _____ FAX: _____

Email: _____

Email with your chapter petition to:

Marcia A. Pool, PhD
Executive Director
Alpha Eta Mu Beta
Email: mpool@purdue.edu

Anthony J. McGoron, PhD
National President
Alpha Eta Mu Beta
Email: mcgorona@fiu.edu

Dominic E Nathan, PhD
National Student President
Alpha Eta Mu Beta
Email: dominic.nathan@mu.edu



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CHAPTER PETITION

To form a chapter, the letter of petition must be signed by at least 4 undergraduate students who qualify for membership in Alpha Eta Mu Beta, as well as the listed school officials.

This letter is to request approval to have an Active Chapter of Alpha Eta Mu Beta at _____ (Name of university). We confirm that our biomedical/bioengineering program has been ABET accredited. Our initial contact information and constitution are enclosed for your review.

Chapter Members

1: _____	_____
	Faculty Advisor
2: _____	
3: _____	
4: _____	_____
	Department Head
5: _____	
6: _____	
7: _____	_____
	Dean
8: _____	
9: _____	
10: _____	

Once the application is received, it will be reviewed and you will be notified of a decision within two weeks. At that point, you will be able to elect additional students to membership beyond those students signing the letter of petition. We look forward to working with you so that the current seniors can be elected to membership prior to graduation.

It is appropriate to elect your faculty advisor and department head to membership in Alpha Eta Mu Beta. At the present time, we have simplified this process for electing faculty members to membership. On each person indicating degrees, teaching/research experience in biomedical engineering, and contributions to biomedical engineering at the local and/or national levels.

Please contact us if you have any questions.

Marcia A. Pool, PhD
Executive Director
mpool@purdue.edu

Anthony J. McGoron, PhD
National President
mcgorona@fiu.edu

Dominic E. Nathan, PhD
National Student President
dominic.nathan@mu.edu



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APPLICATION FOR RECOGNITION AS AN ACTIVE CHAPTER

Alpha Eta Mu Beta represents biomedical engineering students who have joined together to recognize outstanding scholastic achievement and character. Membership duties and privileges along with the society's purposes are expressed in the National Constitution of Alpha Eta Mu Beta.

Name of Chapter _____

College or University _____

Chapter Address _____

Faculty Advisor _____

President _____

Address _____

Total Number of Members _____

Include with your application:

- 1) A formal letter of petition for recognition as an active chapter of Alpha Eta Mu Beta, signed by chapter members, Department Head, and Dean.
- 2) A copy of your chapter's constitution that meets the requirements for organizations at your university and is in accordance with the national constitution of Alpha Eta Mu Beta.

Email to:

Marcia A. Pool, PhD
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mpool@purdue.edu

Anthony J. McGoron, PhD
National President
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Chapter Status Report

University: _____

Department: _____

Address: _____

Telephone: _____ FAX: _____

Chapter Officers:

President: _____ E-mail: _____

Vice President: _____ E-mail: _____

Secretary: _____ E-mail: _____

Treasurer: _____ E-mail: _____

Faculty Advisor: _____ Phone: _____

Email: _____

Email to :

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mpool@purdue.edu

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mcgorona@fiu.edu

Dominic E. Nathan, PhD
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