

Beta Beta Beta
Biological Honor Society

2015

Founded 1922

“If I were to attempt to describe the typical Beta Beta Beta chapter, I should say that it is a group of from twenty to thirty upperclass, undergraduate students of superior scholastic attainment with a faculty counselor and one or more faculty members. The group meets semi-monthly for chapter business and programs originating with its own members or with occasional outside speakers. In addition to its meetings, the chapter carries out several projects of scientific or educational value during the year and participates in one or more activities sponsored by the national organization. It should be added, however, that there are many deviations from a program such as this and that there is no desire to establish a definite pattern of chapter activity. Beta Beta Beta insists only that each chapter shall function usefully. In some colleges it does this by being highly honorary; in a few colleges it functions largely as a seminar group; in other colleges the provisional (associate) membership plan is used to include nearly all eligible biology majors.”

FRANK G. BROOKS

Founder, Beta Beta Beta Biological Society

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PURPOSE

Beta Beta Beta Biological Honor Society is a society for students, particularly for undergraduates. It seeks to encourage scholarly attainment in this field of learning by reserving its regular membership for those who achieve superior academic records and who indicate special aptitude for and major interest in the life sciences. It desires to cultivate intellectual interest in the natural sciences and to promote a better appreciation of the value of biological study and thus welcomes into associate membership all those students who are interested in biology. Beta Beta Beta also endeavors to extend the boundaries of man's knowledge of nature by encouraging new discoveries through scientific investigation and to this end encourages undergraduate students to begin research work and report their findings in the journal of the society, BIOS.

It emphasizes, therefore, a three-fold program: stimulation of scholarship, dissemination of scientific knowledge, and promotion of biological research.

HISTORY

Beta Beta Beta (TriBeta) was founded in 1922 at Oklahoma City University by Dr. Frank G. Brooks and a group of his students. Chapters at several other midwestern colleges were established in the next few years, and the national organization was formed in 1925 by three faculty members: Dr. Brooks, Dr. William M. Goldsmith from Southwestern College in Winfield, Kansas, and Dr. John C. Johnson, Sr. from Western State College in Colorado. Since that time biennial conventions with both student and faculty representatives have been held regularly with only a few exceptions. A Silver Anniversary Convention in Chicago, Illinois, in 1947 and a 50th Anniversary Celebration in Washington, D.C. in 1972 have been marked by special celebrations. The number of chapters and number of new initiates per year has increased steadily. There are now (2013) 573 chapters; in total over 210,000 young biologists have been inducted as regular members of TriBeta in addition to thousands of associate members.

The National President elected at the first meeting in 1925 was Dr. William Goldsmith. Dr. Johnson became Vice President and acted as liaison officer in contacting other schools and establishing new chapters. Dr. Brooks became Secretary-Treasurer, an office he continued to hold until his death in 1955. He was also instrumental in 1930 in establishing BIOS, the journal of the society and acted as its managing editor. Thus, Dr. Brooks served as the great mainstay and inspiration of this organization all through the early years, and after his death his wife, Laura Jean Brooks, took over his positions and carried them out until her retirement in 1967.

A succession of other able officers as well as chapter faculty counselors and participating students have served and furthered the development of TriBeta. A complete account of the history to 1972 is to be found in BIOS, 51,1 (March 1980) and in BIOS 76(1) (March 2005). The present structure of the society is the result of continued growth and change over the years, and this booklet can only outline briefly the many facets and activities of our organization.

WHAT IS BETA BETA BETA?

Beta Beta Beta (TriBeta) formally defines itself as “an honor and professional society for students of the biological sciences.” its time of birth (1922) accounts for both its Greek letter name and its original emphasis on a role as an “honorary”. However, it has never been a secret society and from its beginning many of its activities have been those of a professional society. Since it is a society of and for students, particularly for undergraduate majors in a biological science, it is not inaccurate to describe it as a professional society for apprentice biologists. The constitutional restrictions on chapters and the varied chapter activities give the structural and functional basis for their claim to professional stature.

The functions of Beta Beta Beta (TriBeta) as a national organization range from publication of the national journal, BIOS, to recognition of outstanding individual and chapter accomplishments. For the individual TriBetan, the local chapter is the heart of Beta Beta Beta. A TriBeta chapter offers to its members activities and experiences that enrich and extend but do not duplicate the primary requirements for the biology major. In a university with a number of biological science departments and a large student body, a chapter can form a coordinating center for undergraduate biological activities; in a small school the chapter can greatly enrich and add to the variety of experiences for all the students.

Deliberately, the national constitution puts few restrictions on membership in TriBeta. Regular membership is based on academic achievement in biology and is, in that sense, honorary, but every major in a biological science and many interested students who are not actually majors can qualify for associate membership. Chapters may adapt the requirements to meet the specific needs of their members and department or departments, provided only that they meet national standards.

AFFILIATION

As a professional society of biologists, Beta Beta Beta cooperates with other professional societies. It is formally affiliated with the American Association for the Advancement of Science. As an affiliate, Beta Beta Beta participates in the governance and programs of the organization.

GOVERNANCE

Chapters and Clubs of Beta Beta Beta are located on the campuses of colleges and universities throughout the United States and Puerto Rico. No campus has more than one chapter and a chapter functions on only a single campus. In 1996, the voting membership approved the establishment of TriBeta Clubs. The clubs will be located on campuses of accredited 2 year institutions and must be affiliated with a nearby chapter.

Ultimate governance of Beta Beta Beta (TriBeta) is in the hands of the chapters and student members and is accomplished either through the biennial national conventions or, if necessary, by a poll of chapters. The immediate operation of the national organization is the responsibility of the National Executive Committee which is composed of the elected national officers: President and six Regional Vice Presidents, and Past Presidents. The Secretary-Treasurer, appointed by the National Executive Committee, serves *ex officio*. Each Vice President may be aided by one or more District Directors. The National Executive Committee meets just prior to the biennial national convention and usually once during the alternate years when no convention is being held. See the constitution for further details.

ACTIVITIES OF THE NATIONAL ORGANIZATION

BIOS

BIOS, the quarterly journal of Beta Beta Beta Biological Society, has been published continuously since 1930. It has a three-fold purpose: to publish matters that pertain to the affairs of the Society, to publish articles by members, and to publish articles that will be of general interest to biologists. Many distinguished biologists have contributed manuscripts for publication in BIOS, written especially with the undergraduate reader in mind. Subjects covered include articles on current research, developments in biology, biology as a profession, as well as on graduate and professional training for biologists. Special emphasis is placed on the publication of undergraduate research papers (see also Awards).

THE NATIONAL AND DISTRICT CONVENTIONS

Beta Beta Beta holds national biennial conventions at which business requiring the vote of the chapter representatives is conducted, and a chance is offered for students and faculty from around the country to meet and get to know each other. In the past, these conventions were held with the AAAS or the AIBS national meetings so that members might attend those sessions as well. As arrangements for those meetings changed, it became necessary to hold our own, separate meeting.

The conventions have grown from business and social meetings to full scale scientific meetings with presentations of research papers by members, invited guest speakers, field trips, awards and social activities. In the past, the convention was scheduled during the week between Christmas and New Year's to assure all chapters a chance to attend during a period free of classwork. Since 1992, the location and time of the convention has moved from hotel convention sites to the college campus and has been held during the last week of May. The National Frank G. Brooks Award (below) is given for the best oral presentation in each of the several concurrent sessions, and the National John C. Johnson Award (below) is given for the best poster presentation. The winner of the Lloyd M. Bertholf Award for Chapter Excellence is also announced here in convention years. Unique among honorary/professional groups, TriBeta has been able to offer limited support for attendance at the biennial meetings through travel grants made to chapters on a first come first served basis.

AWARDS

The Frank G. Brooks Awards

Established by the founder of Beta Beta Beta, the Frank G. Brooks Award for Excellence in Student Research was originally given to the undergraduate TriBeta who wrote the best essay on a theme designated by an award committee. As interest in essay contests lagged, the award was made instead for undergraduate research. In this sphere, the award has come to be highly valued by TriBeta members. It is given annually at district conventions and biennially at national conventions of the Society. The following regulations were approved by the Beta Beta Beta Executive Committee at its meeting on February 15, 2013.

Eligibility

1. It is the purpose of this award to honor undergraduate achievement in biological research. To be eligible, research must be completed and presented by regular or associate TriBeta members while they are an undergraduate. For exception see paragraph 6 below.

2. Field, experimental and computational reports are equally valid. Either the report should present data if possible and should be directed toward answering some question or testing some hypothesis. A review of the literature on a topic is not sufficient for the award. If the work has been published, it may be reported but is not eligible for the award.

3. It is not required that all authors be TriBeta members, but the report must be presented by a regular member, unless the presenter meets the conditions listed in paragraph 6.

4. Work which is primarily that of faculty or graduate members or is an equal partnership between such persons and an undergraduate member may be reported but is not eligible for a Brooks Award. Faculty direction and support should be acknowledged on a separate "Supervised by" line following the author(s)' name(s). Grants or other financial aid should be listed in the acknowledgments section.

5. All other factors being equal, preference for the award will be given to the work of a single author rather than a group research. Work conducted by the undergraduate member as part of an ongoing senior scientist's or research laboratory program may be reported but will be eligible only at the discretion of the judges. In making this decision, the judges will consider the degree to which the student was an independent worker and has a full understanding of the material presented.

6. The research must be completed and presented by an undergraduate member at the appropriate district or national meeting of the Society. Members whose work conforms to all other established criteria but who have graduated may compete for the award provided the student received the baccalaureate degree no more than fifteen months prior to a national or six months prior to a district convention.

7. A research report which has won a national F.G. Brooks Award, including second or third place for that award, may not be entered into competition a second time for any F. G. Brooks Award. All papers presented at district conventions

may be presented at the next following national convention if otherwise eligible and shall not be disqualified from competition for F. G. Brooks national awards because of presentation at a preceding district convention.

8. To assist the judges in establishing eligibility for this award, an author data sheet must be completed before presentation of any research report.

Judging

Eligible papers will be judged by a panel of at least three professional scientists appointed by the District Director for district meetings and the Director of Paper Sessions for national meetings. Awards may be made in more than one session if the number of papers submitted warrants multiple sessions.

The following criteria shall be the basis of the award:

1. Degree of originality of the project.
2. Organization of the report.
3. Evidence of background knowledge of the project.
4. Clarity of presentation.

The panel of judges may decide the relative weight to give each of the above criteria. If possible, the authors should be provided with detailed judging instructions in advance.

Manner of Recognition

The Frank G. Brooks Award plaque for the first place undergraduate research paper will be presented to the chapter from which the author(s) comes. First place winners may order a copy of their plaque through the National Office. The student author(s) of first, second and third place papers will receive certificates, suitably inscribed.

The John C. Johnson Award

This award was established in June of 1992 for the purpose of recognizing the best poster presentation given at a district or national convention. It is named in honor of John C. Johnson, Sr., first Vice President of Beta Beta Beta and his son, John C. Johnson, Jr., President of Beta Beta Beta from 1977-1985.

Eligibility

1. It is the purpose of this award to honor undergraduate achievement in biological research. To be eligible research must be completed and presented by regular or associate TriBeta members while they are undergraduates. For exceptions see paragraph 6 below.

2. Field, experimental and computational reports are equally valid. Either should present data if possible and should be directed toward answering some question or testing some hypothesis. A review of the literature on a topic is not sufficient for the award. If the work has been published, it may be reported but is not eligible for the award.

3. It is not required that all authors be TriBeta members, but the report must be presented by a regular member unless the presenter meets the conditions listed in paragraph 6.

4. Work which is primarily that of faculty or graduate members or is an equal partnership between such persons and an undergraduate member may be reported but is not eligible for a John C. Johnson Award. Faculty direction and support should be acknowledged in an acknowledgments section together with grants or other financial aid.

5. All other factors being equal, preference for the award will be given to the work of a single author rather than group research. Work conducted by the TriBeta undergraduate member as part of an ongoing senior scientist's or research laboratory program may be reported but will be eligible only at the discretion of the judges. In making this decision, the judges will consider the degree to which the student was an independent worker and has a full understanding of the material presented.

6. The poster report must be presented at the appropriate district or national meeting of the Society. Members whose work conforms to all other established criteria, but who have graduated, may compete for the

award provided the student received the baccalaureate degree no more than fifteen months prior to a national biennial convention or six months prior to an annual district convention.

7. A research poster report which won a national John C. Johnson Award, including second or third place for that award, may not be entered into competition a second time for a John C. Johnson Award. All posters presented at district conventions may be presented at the next following national convention if otherwise eligible. No poster shall be disqualified from competition for the John C. Johnson national awards because of presentation at a preceding district convention.

8. To assist the judges in establishing eligibility for this award, an author data sheet must be completed before presentation of any research poster report.

9. Authors must be present at the site of their display during the time period specified on the program to answer questions concerning their research.

10. Poster displays should be no larger than 4,000 square inches, 48 inches by 48 inches.

11. A 150 word abstract is required which includes a concise summary of content and conclusions.

Judging

Posters will be judged by a panel of at least three professional scientists appointed by the District Director for district meetings and the Director of Paper Sessions for national meetings. The criteria used by judges include:

1. Evidence of knowledge of the project. (25%) Are there data? Is the methodology adequate? Were controls or normal baselines needed and used? Is there a conclusion? Is it warranted by the data?

2. Organization of the presentation. (30%) Is the report placed in context? Are the methods clear? Are the data understandable?

3. Clarity of the visual material. (25%) Are tables, graphs, etc., used if needed? Is the conclusion or summary clearly given?

4. Degree of originality of the project. (10%) Does the work show ingenuity on the part of the student or is it the continuation of research initiated by a graduate leader? Are all materials provided through a large laboratory or must the student collect them him/herself from sources he/she discovers?

5. Discretion of the judges. (10%) Includes recognition of unusual quality or for any other factor which seems appropriate to the judges.

As with Frank G. Brooks Award, plaques will be presented to the chapter from which the author(s) come. The first , second and third place presenters will receive certificates. Presenters are encouraged to submit their research to BIOS for publication.

The McClung Award

The McClung Award for the best undergraduate paper by a TriBeta member published in BIOS each year carries a cash value of \$150, plus a plaque. Eligible published work, including that of Brooks Award winners, is entered in the McClung competition automatically. A committee chaired by an Executive Committee member decides upon the award each year. Criteria are the same as those used in judging the Brooks Award competition. The plaque is to be retained at the chapter.

The award bears the name of the second president of Beta Beta Beta, Dr. C. E. McClung, who was an advocate of undergraduate research as a teaching method and who took personal interest in the project.

TriBeta Research Scholarships

In 1990, the Executive Committee of Beta Beta Beta initiated the development of the Beta Beta Beta Research Foundation. The Foundation was intended to support undergraduate research thus the Beta Beta Beta Foundation Research Scholarships were established. Cash scholarships will be awarded annually to support deserving undergraduate research projects. Beginning in 1994, the accumulated interest from the Foundation funds are distributed to selected undergraduate student members of Beta Beta Beta. A student interested in receiving a Research Scholarship should submit an application to the National Office. The Regional Vice President in collaboration with his/her District Directors will select the scholarship recipients and notify the National Office. The National Office will forward the notification of selection and the scholarship checks to the designated individual(s). A list of Scholarship recipients and project titles will be published in BIOS. A certificate of project completion will be mailed to the student following receipt of, (1) abstract, prepared for presentation at a Beta Beta Beta convention, and (2) final research manuscript as specified.

Applications will be available on the web page. The deadline for submitting the research scholarship applications will be indicated on the application form.

BIOS Publication

In preparing a paper for publication, be sure to follow exactly the form given in the Instructions to Writers for BIOS in each issue. Papers which are sloppy, poorly written, or do not follow the format required will have to be returned for revision. Editors will make minor corrections and revisions to text or figures as required. Reprints of articles from BIOS on manuscript and figure preparation are available from the Bios Editor by request.

The Bertholf and Outstanding Chapter Awards

In 1961, Lloyd M. Bertholf, President of Illinois Wesleyan University and the third President of Beta Beta Beta, gave the Society \$1000. Each year the interest from that money is used to purchase a plaque to acknowledge the chapter which most clearly embodies a series of criteria for program excellence. The Lloyd M. Bertholf Award for Chapter Efficiency was expanded in 1969 to recognize up to 10 percent of all chapters with outstanding programs. The name was changed to the Lloyd M. Bertholf Award for Chapter Excellence in accord with Dr. Bertholf's original intent and is usually called just "the Bertholf".

The first winner of the Bertholf was Eta Lambda, Loyola University in New Orleans. The award was announced in BIOS in October, 1962. Some of the criteria which Eta Lambda met were: participation in the district convention with presentation of at least one research report, holding regular scheduled meetings of varied subject matters, support of community or academic biology "projects", and fulfillment of a number of detailed record keeping procedures. There have been some changes in the criteria for receiving the award over the years, but the purpose is still to identify that chapter which has best promoted our triple goals of scholarship,

dissemination of scientific information, and promotion of biological research.

Upon request, a Bertholf application is sent to each chapter to be completed during the year and returned to the National Office by the end of the academic year. Selection is made in late December or early January by an Executive Committee subgroup. The winners are announced at the spring district conventions.

The factors considered by the committee are:

1. Member activity in conducting and publishing research.
2. Regular participation in district conventions and other scientific meetings, including the presentations of research reports.
3. Chapter programming and activities.
4. Orderly record keeping, communication with the National Office, and submission of reports to the Newscope section of BIOS.

In determining the winner, only activities of the preceding academic year can be considered. Information is required about size of the chapter and the number participating in various phases of the chapter program to allow a more balanced appraisal of large and small chapters. The winner of the Lloyd M. Bertholf Award for Chapter Excellence receives a walnut plaque with the information inscribed on brass plates. When honorable mentions are awarded, these chapters also receive plaques. Winners of the Outstanding Chapter designation receive certificates prepared at the National Office.

Chapter History Award

The Chapter History Award is given biennially at the National Conventions and annually at various regional or district conventions.

Purpose of the Award:

To encourage all chapters to keep an accurate record of current programs and activities.

To encourage all chapters to get as much publicity for their work as possible.

To encourage all chapters to develop a continuous historical record.

Method of Recognition:

A plaque, suitably inscribed is presented to the winning

Chapter at the biennial National Conventions and certificates are presented to the regional or district winners. At the discretion of the judges, one honorable mention may be awarded. Honorable mention, if awarded, will be a certificate prepared by the National Office.

Operating Rules:

Any TriBeta chapter historian may submit a chapter history book. While materials may be purchased, the completed book, including all lettering, typing and other work, must be the work of chapter members. A detailed record of activities should cover the period of two years since the last biennial convention; highlights of chapter history and special events may go back to the chapter beginning. The history must contain:

1. The Greek name, college or university affiliation, region, and location of the chapter.
2. A table of contents.
3. A list of all members, divided by membership category, for the current year.
4. A list of charter members.

The chapter may also include: photographs, programs, newspaper clippings, written material, sketches. Size, shape, arrangement, and decoration are matters of chapter discretion.

Judging shall be on the following points by three judges selected by a National Officer of the Society:

Content. [40 points]

Effectiveness. [30 points]

Artistic merit. [30 points]

A list of current judging criteria is sent to each chapter in the spring semester before a biennial convention.

The Yokley Faculty Recognition Award

In 1996 Dr. Paul Yokley, Jr., Chair of the Biology Department at the University of North Alabama, Beta Zeta Chapter Advisor, Southeast District Director, and Southeast Vice President of Beta Beta Beta and his wife Betty Yokely gave the society \$5,000. Each year the interest from that money is used to purchase a plaque, a pin and a certificate to acknowledge the faculty advisors, district directors, and executive committee members for their dedication, devotion, and service to the society. All Yokley Award recipients will be

listed in the Faculty Honor Roll section of the BIOS. In 1998 at the 35th National Convention held in San Diego, CA the first Yokley awards were given. The first Outstanding Faculty Advisor award was given to Dr. Crosby Jones, Angelo State University. In 1999 the first Faculty Service Award was given to Virginia Martin, Queens University of Charlotte, Steve Ropski, Gannon University, and Sister Rose Bast, Mount Mary College. In 1999 the first Faculty Leadership Award was given to John C. Johnson, Jr., Lawrence Koehler, Keith Longpre, and Paul Yokley, Jr.

Special Awards

Many district conventions give special awards for graduate papers, chapter effectiveness, chapter history scrapbooks, or other special categories. Special plaques may be ordered at cost through the National Office and special certificates can be prepared on request.

WHAT CHAPTERS DO

Chapter members give talks, listen to lectures, observe demonstrations and lectures by outside speakers, and undertake various chapter projects. These projects vary widely, depending on the interests of the students, the situation on the particular campus, and on current events and concerns at the time. Students are free to plan the kinds of activities that they feel will be most valuable to themselves, to the department and school, or to the community.

Some examples are:

Services to students:

Maintain a tutoring service for other students, especially for beginning biology courses.

Arrange field trips.

Sponsor awards and scholarships.

Prepare and maintain course descriptions and faculty profiles.

Support attendance of members at scientific meetings.

Construct/purchase research equipment for undergraduate use.

Collect and maintain information concerning summer employment and internship opportunities.

Sponsor and show films of biological interest.

Maintain a study/lounge including provision of such equipment as calculators and typewriters for student use.

Hold social events.

Services to the academic and town communities:

Aid with blood pressure clinics, blood mobiles, etc.

Assist with or host scientific meetings, such as the state academy of science.

Construct/maintain nature trails, wildlife refuges, park services.

Maintain bulletin boards, aquaria, greenhouses.

Assist with community garden plots, tree and landscape plantings, biological resource cataloging, recycling centers.

Send representatives to college or community-wide functions, including homecoming, academic processions, city council meetings, etc.

Publish a newsletter.

Present an award to an outstanding high school biology student.

Activities which share knowledge with the general public:

Maintain departmental or community collections.

Assist at high school science fairs or special science days.

Serve as guides at local museums, zoos, hospitals, etc. for community groups.

Sponsor open houses.

Teach or sponsor CPR and other health related technique courses.

Money raising for any of the above activities generally falls into one of three categories: sales, events with admission charges, and marathon events. A few chapters have received gifts or grants.

CONSTITUTION

Article I - Name

The name of this society shall be Beta Beta Beta Biological Honor Society.

Article II - Purpose

The Purpose of Beta Beta Beta Biological Honor Society shall be to function as an honor and professional society for students of the biological sciences. Its activities shall be designed to stimulate interest, scholarly attainment, and

investigation in the biological sciences, and to promote the dissemination of information and new interpretations among students of the life sciences.

Article III - Insignia

Section 1. The official emblem of the Society shall be a shield-shaped key upon which are engraved a coiled serpent and the three initials of the organization.

Section 2. The coat of arms shall be that officially adopted by the 1947 Biennial Convention.

Section 3. The pattern copies of the key and coat of arms maintained in the national archives shall be the official design.

Section 4. The colors of the Society shall be red and green.

Section 5. The flower of the Society shall be a red rose of the type commonly referred to as American Beauty.

Article IV - Membership

Section 1. The membership shall be divided into six classes: regular, associate, graduate, honorary, alumna/ us and corporate. Beta Beta Beta is a non-discriminating organization. that does not consider age, race, color, creed, sex, national origin or sexual preference.

Section 2. Regular members shall be a) undergraduate "majors" in biological science at an institution where a chapter of Beta Beta Beta is located, b) shall have completed at least one term of the second year of a four year curriculum or its equivalent, c) shall have completed at least three semester courses in biological science, of which at least one is not an introductory course, with an average grade of B or its equivalent in those biology courses, d) shall have a B average in all courses, and e) shall be in good academic standing.

Only regular members may hold the constitutionally specified chapter offices, vote on chapter membership nominations and national questions, and represent the chapter or vote at national conventions.

Section 3. Graduate members shall be either graduate students currently enrolled in a life science at an institution where there is a chapter or faculty members actively serving in the biological sciences. They may participate in the local activities of any chapter or club except for the holding of constitutionally specified chapter or club offices and voting on chapter or club membership and national matters. They

may attend district or national conventions, and, upon special designation, represent their original chapter or club at a national convention. They shall not be eligible for undergraduate awards.

Section 4. Associate members shall be those undergraduates whose interests include the life sciences in some significant way but who are ineligible for regular membership. Associate members shall be eligible to participate in all local, district, and national activities except those specifically reserved to regular members by this constitution.

Section 5. Chapter or club honorary members may be elected by any chapter or club in recognition of significant accomplishment as biologists or of outstanding service to the chapter or club.

Section 6. Biology majors who have graduated from an institution at which a charter is later granted may become alumni members of the new chapter. Alumni members will receive an individual subscription to BIOS. Regular members who have become inactive may become Alumni members with payment of the appropriate fee.

Section 7. Corporate members shall be corporations, institutions or other organizations which support undergraduate education in the biological sciences. A corporation may be elected to membership by a majority of the National Executive Committee. Corporate members will be listed in each issue of BIOS and each corporate member will receive a membership certificate for display. Each corporate member will also have the privilege of providing a display at the national or district conventions.

Section 8. National honorary members may be elected by the biennial convention on nomination by the national officers. (Any member or chapter may propose prospective nominees.) Such membership shall be reserved for persons of outstanding accomplishment and stature in one or more of the biological sciences or persons rendering outstanding service to Beta Beta Beta.

Section 9. Regular, graduate and honorary members may wear the official insignia and shall remain members for life unless removed under the provisions of Section 11. Associate members are affiliated with the local chapter or club and may not wear the official insignia. Unless they qualify for regular membership, this affiliation shall terminate automatically when they cease to be undergraduate students.

Section 10. Members shall be nominated to the various
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categories by a committee that includes both regular members and faculty. Election shall be by at least a majority vote of the regular members present at a regular meeting.

Section 11. A regular member transferring from one institution to another shall be automatically eligible for membership in a chapter in his new institution unless he does not qualify under the normally prescribed requirements of his new chapter.

Section 12. Each chapter or club shall adopt specific membership requirements which are not in conflict with the requirements outlined in Section 2 and which are meaningful in the specific local situation. It is assumed that local chapters and clubs will require high standards of scientific conduct in their nominees and members. No person shall be refused nomination on any basis other than failure to meet requirements in this constitution or in chapter by-laws.

Section 13. A regular member of a chapter may be removed from chapter membership only for cause by a vote of 3/4 of the entire voting membership. Any such removal must be approved by the chapter advisor (counselor) and is subject to appeal to the National Executive Committee.

Section 14. Stated local membership requirements shall be submitted to the chapter advisor and the District Director for approval. In case of disagreement or conflict between local requirements or local action and this constitution, the matter shall be referred to the National President for adjudication subject to final appeal to the National Executive Committee.

Section 15. The National Executive Committee shall, from time to time, adopt such by-laws, regulations, and definitions as are necessary to accomplish the equitable and reasonable application of these provisions.

Article V - Officers

Section 1. The national officers shall be the President, a Vice President for each Region, a Director for each District, and a Secretary-Treasurer. The President, Vice Presidents, and Past Presidents, and the Secretary-Treasurer (Section 6) shall constitute the National Executive Committee.

Section 2. The President shall lead in all activities of the Society. He shall preside at the biennial convention and meetings of the Executive Committee and shall perform all other duties customarily associated with the office of the president.

Section 3. In case of absence, disability, or resignation of the President, the Executive Committee shall elect one of the Vice Presidents to fill the unexpired portion of the President's term of office.

Section 4. The duties of the Secretary-Treasurer shall be those normally assigned to such an office. They shall specifically include but not be restricted to the following:

- a) Maintain a national headquarters which shall keep all necessary records of Society business and Society membership.
- b) Collect all money due the national society and pay all obligations of the Society.

Section 5. The Regional Vice President shall be particularly concerned with the functioning of the Society in his region. He/she and the District Directors shall be responsible for the investigation of applications for new chapters and clubs and installation of same. They shall encourage the continuing development of existing chapters and clubs. As a member of the National Executive Committee, the Regional Vice President shall serve as representative of the national headquarters in his region.

Section 6. The National Executive Committee, as defined in Section 1 of this article, shall have power to transact urgent society business between conventions including replacements in its own membership if necessary. It shall serve as advisor and consultant to the National President. It shall meet at least once prior to each national convention and may hold interim meetings on the recommendations of the National President. Upon nomination by the President, the National Executive Committee shall appoint the National Secretary-Treasurer who shall be directly responsible to the National Executive Committee. The term of office shall be two, years, coinciding with the terms of the President and Vice Presidents. The National Secretary-Treasurer shall be ex officio, a non-voting member of the National Executive Committee.

Section 7. Election of the President and Vice Presidents shall be an item of business at the biennial convention. They shall be professional biologists holding the earned master or doctor's academic degree, and they shall be, or shall become by this election, graduate members of the Society. Their term of office shall be two years, and they may succeed themselves. They shall assume their duties on September 1. The tenure of the President shall be not more than four successive terms.

Section 8. It shall be the duty of the National Executive Committee to determine the boundaries of the geographical regions and to revise them when necessary in order to increase the effectiveness and reduce the problems of national operation. Regional boundaries shall be specified in the by-laws.

Section 9. Each region may be divided into two or more districts. District boundary lines shall be determined by the National Executive Committee and may be changed as necessary to adjust to increases in the number of chapters or shifts in their distribution. On nomination by the President, the National Executive Committee shall appoint a Director for each district whose term of office shall be for two years coinciding with the terms of office of the members of the National Executive Committee. The Director shall be, or shall become by this appointment, a graduate member of the Society. The Director shall be immediately responsible for the organization and functioning of chapters within his district subject to the general policy of the society and the overall supervision of the Regional Vice President. He will be expected to organize a district convention of the chapters and clubs within his district each year.

Article VI - Chapters and Clubs

Section 1. Any baccalaureate degree-granting college or university approved by the recognized accrediting association for its region and having one or more academic departments in the biological sciences may apply for a chapter of Beta Beta Beta.

Section 2. A chapter charter may be granted to applicants who satisfy the following conditions:

- a) There is a curriculum (curricula) of such quality and quantity that students are recognized as majors in biology or some area thereof.
- b) Preliminary application steps, as prescribed by the National Executive Committee, have been completed.
- c) A District Director or his representative has visited the institution and recommended favorable action.
- d) The National Executive Committee, by vote, has endorsed the visitor's recommendation.
- e) A majority of chapters in the district in which the applicant institution is located have approved the application in a poll which shall be taken by the National Secretary.

Section 3. A club charter may be granted to any two year college granting an associate degree and approved by the recognized accrediting association of its region. This institution may apply for a club of Beta Beta Beta when sponsored by an active chapter that is in good standing with the National Office. The official name of the chartered club shall be the Greek letters of the sponsoring chapter plus the word "Club."

- a) To be granted a charter, the two-year college must satisfy the following requirements:
 1. Have a curriculum (curricula) which provides college-level courses in the biological sciences,
 2. Have a faculty advisor (Counselor) and/or other biological faculty who has shown strong interest in and has successfully directed undergraduate research,
 3. Have a written agreement with an active chapter at a four-year college or university consenting to sponsor and be supportive of the affiliated Beta Beta Beta club,
 4. Complete the preliminary steps for application as prescribed by the National Executive Committee, including favorable recommendation by vote of that committee.
 5. A club may change its sponsoring chapter by entering into a written agreement with the new chapter (as stated in #3 above) and by giving notification to the original sponsoring chapter. The final decision for such a change shall be made by the National Executive Committee.
- b) Student members inducted by a club shall be associate members. Club members can be granted regular membership by their sponsoring chapter if they meet both the chapter requirements, and the membership requirements in Article IV (membership), Section 2.
- c) Candidates for associate or graduate membership in a club shall be initiated each year at the four year institution by the officers or advisor of the sponsoring chapter. The chapter's advisor, his/ her representative, and/or chapter officers may conduct the initiation ceremony at the two-year institution.

- d) Associate and regular club members shall be eligible to compete for all awards at district and national conventions.

Section 4. Unless in its judgment such action should be delayed for a specified additional time, the National Executive Committee shall direct the recall of a charter if:

- a) The college or university has been nonaccredited for two years or more, or
- b) The chapter or club has not, for a period of two years or more, elected additional members, or
- c) The chapter or club refuses to comply with the requirements of the national constitution.

Section 5. The National Executive Committee shall, as necessary, make specific rulings and interpretations to carry out the intent of this article and the National Secretary shall set up procedures for the application process.

Article VII - Chapter Government

Section 1. Each chapter shall adopt by-laws which set forth the specific policies and practices it deems necessary for the effective functioning of the chapter in the local situation. Each chapter shall have full authority to regulate its local affairs as it sees fit, subject to the restrictions of Section 2 of this article.

Section 2. There shall be no provisions in chapter bylaws which are contrary to this constitution or the national by-laws which derive therefrom. The National Executive Committee shall have the power to annul any local by-laws which it holds to be in violation of the provisions or clear intent of this constitution, but it shall not do so without prior consultation with the chapter concerned. Such consultation shall make clear the objection to the by-law concerned and give the chapter an opportunity to state its reasons regarding the provision as valid.

Section 3. Chapter by-laws and all amendments thereto shall be filed with both the appropriate Regional Vice President and the District Director who shall bring to the attention of the National President any provisions which may violate Section 2 of this article.

Article VIII - Chapter Officers

Section 1. Each chapter shall elect a president, a vice president, a secretary, a treasurer, and an historian from among its regular members.

Section 2. The duties of these officers shall be those normally assigned to such offices.

Section 3. These officers should hold office for one year. The time of election and the time for assumption of duties shall be specified in the chapter by-laws.

Section 4. At the same time it elects officers, a chapter shall, if necessary, elect a chapter advisor (counselor) from among the biological sciences faculty. The advisor shall be, or shall become by this election, a graduate member. An advisor shall serve for a term of not more than three years but may be re-elected. The prospective regular members of a new chapter shall elect the first advisor (counselor) prior to the installation of the chapter.

Section 5. The chapter advisor (counselor) shall assist and advise the chapter and especially its officers in carrying out the chapter programs and aid in developing new policies and programs that contribute to its local effectiveness. He shall serve as permanent custodian of chapter records and funds making sure that they are maintained in good order and that each successive group of chapter officers are informed as to their responsibilities. He may delegate custodial duties during the academic year but shall check and reclaim all records and funds at the close of each academic year.

Section 6. Chapter officers are responsible for submitting promptly and in correct form such reports as are requested by the national and district officers. Chapter advisors shall review such reports for accuracy prior to submission.

Article IX - Conventions

Section 1. The Society shall hold a national convention biennially at a place and time to be chosen by the preceding convention. This convention may be a part of the annual meeting of a more inclusive regional or national group, or it may be held separately. The National Executive Committee shall be responsible for convention arrangements, agenda and program.

Section 2. The authorized delegates duly assembled in convention constitute the highest governing and legislative body of the Society subject to provisions of this constitution requiring or permitting a poll of the chapters.

Section 3. Each chapter shall be entitled to three voting delegates. If a chapter has more than fifty regular members on its rolls, it may designate one additional delegate for each added twenty-five regular members. If present at the convention the faculty advisor may be one of the delegates.

The other delegates shall be regular members if possible but a chapter may designate graduate members as delegates if no regular members will be in attendance.

Section 4. Each validated delegate shall have one vote on all motions put to the convention. Neither proxy voting nor weighted voting shall be allowed.

Section 5. Rather than making final decision, a convention may pass final decision to a chapter poll which shall be conducted under the rules and procedures prescribed in Section 2 and 3 of Article XIII. Similarly, the National Executive Committee may require that a substantive action of the convention be confirmed by a chapter poll.

Section 6. Each district shall be expected to hold one or more district conventions each year. The District Director shall be responsible for insuring that such conventions occur at a suitable time and place. The primary purpose of such conventions shall be to offer an opportunity for members to present the results of their research activities to other members. Each district may organize its convention program and activities in any way that facilitates this purpose.

Article X - Journal

Section 1. The Society shall maintain a journal which shall be published on a schedule as planned by the Editor and Managing Editor and approved by the National Executive Committee.

Section 2. The name of the journal shall be BIOS.

Section 3. The National Executive Committee, upon nomination of the President shall appoint a Managing Editor and an Editor who shall be responsible for the biological content and editorial standards of the journal.

Section 4. The Editor shall select an editorial board to advise him and assist in the evaluation of manuscripts.

Section 5. The primary purpose of the journal is to provide a medium of publication for the scientific reports of members of the Society, especially reports of undergraduate research. Articles of general interest, whether research reports, historical accounts, reviews, summaries of the field, or new interpretations of present knowledge shall be solicited and published in so far as space and editorial policy permit.

Section 6. The Managing Editor of BIOS shall be specifically responsible for chapter news, convention reports, and other

aspects of intra-society communication.

Article XI - Dissolution

Section 1. In the event of the dissolution of Beta Beta Beta Biological Honor Society, the assets, if any, will be distributed to an organization that is exempt from Federal income tax as an organization described in 501 (c)(3) of the Internal Revenue Code, contributions to which are deductible, or to the Federal Government, or to a state or local government for a public purpose.

Section 2. Each chapter of Beta Beta Beta Biological Honor Society shall include a provision identical with Section 1 of this article in its by-laws.

Article XII - By-Laws

The National Executive Committee shall, from time to time, adopt such by-laws as are necessary to carry out the provisions of this constitution. It shall be the purpose of the by-laws to state the specific procedures and practices in effect at any given time.

Article XIII - Amendments

Section 1. Amendments to this constitution may be proposed by the National Executive Committee, any national officer or District Director, any chapter advisor, or any regular member in good standing. Any proposed amendment shall be submitted to the National President who shall submit it to the next meeting of the National Executive Committee. The Committee shall report the amendment to the next biennial convention with its recommendations.

Section 2. If a proposed amendment is approved by the majority of the validated delegates at a biennial convention, it shall be submitted by the National Secretary to a poll of the individual chapters active as of the date of the convention. The amendment shall become effective if it is approved by two-thirds of those chapters.

Section 3. A reply period of not less than sixty days nor more than ninety days shall be specified in the request for approval. The ballot shall be declared closed at the end of the specified time. The timing shall be such that any poll will be completed within the same academic year in which it is initiated.

BY-LAWS

By-Law I - Membership Conditions

Section 1. Regular and graduate members become members of Beta Beta Beta through a chapter and thus have page twenty eight

both national and chapter membership. Once initiated, they are:

- a) national members for life unless removed for cause in accordance with Article IV, Section 13 of the national constitution and
- b) chapter members so long as they remain matriculated students in the chapter's home institution and meet their obligations to the chapter as specified by its by-laws.

Section 2. Associate members terminate both national and chapter or club membership when they graduate or otherwise terminate their matriculation in the chapter's or club's home institution, unless

- a) they have previously been elected to regular membership, or
- b) they are absent on approved leave-of-absence which permits their return.

Note: Fee credit for prior associate membership will apply toward national dues upon elevation to regular membership, regardless of where the associate membership was granted.

By-Law II - Initiation Fees

Section 1. Effective September 1, 2013, members shall pay prior to initiation, through the chapter or club, the following national initiation fees:

- a) regular member: \$50.00
- b) graduate member: \$50.00
- c) associate member: \$40.00
- d) associate member becoming a regular member: \$10.00
- e) chapter or club honorary member: \$50.00
- f) national honorary member: none
- g) alumna/us member: \$50.00
- h) corporate member: \$500.00 or more annually

Section 2. Upon receipt of the initiation fee, the national Secretary-Treasurer will forward appropriate membership certificates to the chapter or club.

Section 3. For each regular, graduate and honorary member registered at the National Office, the chapter shall receive a two year subscription to BIOS. For each associate member registered, the chapter or club shall receive a one year subscription to BIOS. Each member shall have the option of

receiving personally the subscription associated with his/her membership upon the payment of \$1.00 for each subscription year in addition to the initiation fee.

Section 4. Associate members who subsequently become regular members shall receive a reduction of the fee for regular membership as detailed in By-Law 1. The chapter shall receive a one year subscription to BIOS for each such member, subject to the option listed in Section 3.

By-Law III - Application Fee

Effective September 1, 2002, a fee of \$300 shall accompany each application for a new chapter or club.

By-Law IV - Fiscal Year and Audit

The fiscal year for the Society shall be from October 1 to September 30. The financial accounts shall be audited by a certified public accountant beginning for the fiscal years 1981 and 1982 and biennially thereafter. The complete audit/report shall be made available to the national officers prior to the annual meeting of the National Executive Committee, and an audit report summary shall be published biennially in the journal of the Society.

By-Laws V - Regions

Section 1. The geographical regions required by Article V of the National Constitution shall be as follows:

- a) The Northeastern Region shall consist of the states north of the northern boundaries of Virginia and Kentucky and east of the eastern boundary of Illinois and of Lake Michigan.
- b) The Southeastern Region shall consist of all states and parts of states south of the northern boundaries of Virginia and Kentucky and east of the Mississippi River.
- c) The Northcentral Region shall consist of the group of states that are bounded on the east by the eastern border of Illinois and by Lake Michigan; on the south by the southern boundaries of Illinois, Missouri, Kansas and Nebraska; on the west by the western borders of Kansas, Nebraska, South Dakota and North Dakota; and on the north by the Dominion of Canada.
- d) The Southcentral Region shall consist of the group of states and parts of states that are bounded on the east by the Mississippi River; on the north by

the northern boundaries of Arkansas and Oklahoma, on the west by the western boundary of Texas; and on the south by the Gulf of Mexico and Mexico.

- e) The Western Region shall consist of those states lying west of the eastern boundaries of Montana, Wyoming, Colorado and New Mexico.
- f) The Caribbean Region shall consist of countries and U.S. territories in and bordering the Caribbean Sea.

Section 2. When the needs or convenience of an individual chapter will be better served by so doing, the National Executive Committee may transfer that chapter from the geographic region or district in which it is actually located to any contiguous district.

By-Law VI - Jeweler

The National Executive Committee, upon recommendation of the National Secretary-Treasurer, shall select a jeweler for the Society. Insignia shall be ordered from the jeweler only through the National Office.

By-Law VII - Faculty Recognition

Section 1. The Executive Committee of Beta Beta Beta (TriBeta), National Biological Honor Society recognizes that the success of TriBeta is dependent upon committed and devoted faculty members. A special recognition by the Society will be based on extended and extraordinary service and will be called the “**Yokley Award.**” All Yokley Award recipients will be listed in the Faculty Honor Roll section of BIOS. There are three categories for the Yokley Award.

A) The **Yokley Faculty Advisor Award** will be presented to an “outstanding faculty advisor.” The recipient will receive a plaque and pin at the National or District/Regional Convention.

Criteria for the “Yokley Faculty Advisor Award”

- 1) Years of service as an advisor: minimum of 10 years as a faculty advisor.
- 2) Historically stable working relationship with the National Office. All communications with the National Office are timely and accurate as determined by the National Secretary/Treasurer.
- 3) Demonstrated involvement in local, district or regional and national conventions.
 - a) Personal participation in conventions as judge, organizer, or coordinator.
 - b) Students participation in district or

regional and national conventions, including student poster or oral presentations.

- c) Student recipients of the Johnson or Brook's Awards.
- d) Student applications and funded recipients in the undergraduate research grant program.
- e) Chapter applications for the Bertholf Award; recipients of the Bertholf Award, or Outstanding Chapter Awards.
- f) Student papers published in BIOS; students receiving the McClung Award.
- g) Evidence of chapter growth and/or stability.

B) The **Yokley Faculty Service Award** will be awarded to outstanding Faculty Advisor(s) and/or District Director(s). This award will consist of a plaque and a pin. The criteria will be similar to the Yokley Faculty Advisor Award, but will emphasize performance and years of service as a Faculty Advisor or District Director.

The criteria for the "Faculty Service Award"

- 1) Faculty Advisors with a minimum of 10 years of quality service as determined by effective communication with the National Office and participation in District-Regional and National Conventions.
- 2) Student involvement in conventions, undergraduate research grants, donor chapters, and recognition of Tri Beta activities on campus.
- 3) At the discretion of Executive Committee, "extended service recognition" may be made when a Faculty Advisor retires or is replaced in that position.

C) The **Yokley Faculty Leadership Award** will be awarded to National Officers that have given long term service as National Officers. Officers that are recognized with the Yokley Faculty Leadership Award will receive a plaque and pin designating their current office. National Officers are elected to their positions by the delegates of each biennial convention and subject to peer review by the personnel committee.

The criteria for the "Faculty Leadership Award"

- 1) Extended service, with a minimum of 10 years in an elected capacity. The years of service are accumulative as long as the officer continues to serve as a regional Vice President, National President Elect, National President, Immediate Past President, or Past President.
- 2) Leadership demonstrated by involvement

and efficiency in program development, committee activities, convention coordination, and other services sponsored by TriBeta.

- 3) The Yokley Service or Leadership Award may be extended to paid National Officers who have demonstrated exceptional merit in job performance and have fulfilled the time of service criteria. The award will consist of a plaque and pin and selections will be at the discretion of the National Executive Committee. The award will be presented to the recipients when they terminate their duties with TriBeta.

Section 2. The Executive Committee has established a category of **TriBeta Emeriti** for past officers of TriBeta. The Emeriti recognition will include the elected positions of President, Vice Presidents, and the appointed positions of District Directors and paid Staff positions. The “Emeriti Recognition” will be bestowed upon individuals that have contributed extensive service to TriBeta, as determined by the Executive Committee, but who are no longer active in that or any other designated position within TriBeta. The TriBeta Emeriti will be selected by the Executive Committee, then receive a certificate and plaque of recognition, be listed in BIOS and recognized on the TriBeta web site. They will also have a standing invitation, with expenses paid, to attend any of the TriBeta Conventions and Executive Meetings to form a permanent bond with the organization that owes them so much.

By-Law VIII - Amendments

Section 1. These by-laws may be amended by a majority vote of the National Executive Committee. At least 60 days prior to the meeting at which an amendment(s) is to be acted upon, the exact wording must be circulated to all national officers.

Section 2. Proposed amendments may be submitted for consideration by any chapter or club, any district convention, or any group of ten or more individual regular members.

NATIONAL EMERITI MEMBERS

Beta Beta Beta **Emeritus Membership** was established in 2007 as an honor bestowed upon individual by the TriBeta National Executive Committee. It recognizes distinguished service previously provided by TriBeta national officers who are not currently involved in the TriBeta Biological Honor Society. These honored individuals have by their contributions developed a legacy of unselfish service and dedication for the advancement of the Biological Sciences for undergraduate students. The Emeritus recognition expresses the heartfelt gratitude from the National Executive Committee. The Emeritus Recognition will be granted by a vote of National Executive Committee.

2007 Herminio Lugo Lugo
Fred Klaus
Keith Longpre
Dawn Rohrs
Harold Rohrs
Ron Humphrey

2010 Jack Seilheimer

NATIONAL HONORARY MEMBERS

Beta Beta Beta elects as honorary members persons to whom it wishes to give distinctive recognition, either because they are eminent as biologists and/or because they have given unusual services to TriBeta. Dates are those of election to honorary membership.

- * 1935 C.E. McClung, cytologist and early cytogeneticist. Professor and Chairman of Zoology, University of Pennsylvania, President of Beta Beta Beta 1935-1946.
- * 1937 T.D.A. Cockerell, entomologist. Professor of Zoology, University of Colorado, and early contributor of many articles to BIOS.
- * 1937 Aute Richards, comparative embryologist and cytologist Emeritus Professor of Zoology, University of Oklahoma, and Editor of BIOS 1955-1961.
- * 1937 Harley J. Van Cleave, parasitologist and invertebrate systematist. Professor of Zoology, University of Illinois.
- * 1937 George M. Higgins, experimental pathologist and hematologist, Mayo Clinic and Foundation.
- * 1941 S.O. Mast, protozoologist and general physiologist. Professor of Zoology, Johns Hopkins University.

- * 1947 T.S.P. Painter, Research Professor of Zoology and President of University of Texas.
- * 1949 T.M. Sonneborn, cell biologist and protozoan geneticist. Distinguished University Professor, Indiana University, and President of American Institute of Biological Sciences.
- * 1951 Benjamin H. Willier, experimental embryologist, Professor and Chairman of Biology, University of Rochester and Johns Hopkins University.
- * 1953 Edmund W. Sinnott, botanist and plant geneticist. Sterling Professor and Chairman of Botany, Yale University, and Director of Sheffield Scientific School.
- * 1953 Karl A. Stiles, histologist and experimental zoologist. Professor and Chairman of Zoology, Michigan State University.
- * 1957 Lloyd M. Bertholf, entomologist and invertebrate zoologist. Professor and Chairman of Biology, Western Maryland College, Dean of Faculty at College of Pacific, and President, Illinois Wesleyan University. President of Beta Beta Beta 1946-1954 and Vice President of Western Region 1953-1957. Donor of Bertholf Award for Chapter Excellence.
- * 1957 Vasco M. Tanner, ichthyologist, herpetologist and entomologist. Professor Emeritus of Zoology at Brigham Young University. Chairman of the Undergraduate Competition for Beta Beta Beta 1931-1953, Vice President of the Western Region 1937-1944.
- * 1959 John C. Johnson, Sr., parasitologist. Professor and Chairman of Zoology at Western Colorado State College and at Edinboro (Pennsylvania) State College. Founder and Director of Rocky Mountain Biological Laboratory and Plains Environmental Demonstration Center in Colorado. First Vice President of Beta Beta Beta (1927-1931) and for many years Counselor of Alpha Chi Chapter at Edinboro State.
- * 1961 Mrs. Frank G. Brooks, Secretary-Treasurer of Beta Beta Beta and Managing Editor of BIOS 1955-1967. Secretary-Treasurer Emeritus of Beta Beta Beta.
- * 1970 W.D. McElroy, biochemist. Former Chairman of Biology at Johns Hopkins University, Director for National Science Foundation 1969-1972, Chancellor of University of California in San Diego 1972-1980, Professor of Biology at University of California in San Diego 1980-, President of American Institute of

Biological Sciences and Trustees Brookhaven National Laboratory.

- * 1970 H.P. Sturdivant, cytologist and cytogeneticist. Professor Emeritus of Biology at Western Maryland College. Vice President Northeastern Region of Beta Beta Beta 1955-1961 and President 1960-1967.
- * 1974 Boyd Burton Palmer, Professor Emeritus, Universidad Interamericana in Puerto Rico. Vice President, Caribbean Region 1948-1961; founder and for many years counselor of Zeta Beta Chapter; known throughout Puerto Rico as an influential teacher and advocate of academic excellence and a great humanitarian.
- * 1976 Floyd Davidson. Charter member of Beta Tau chapter, advisor of that chapter 1967-1977 and Southcentral Regional Vice President 1955-1957. Professor Emeritus of Biology at Baylor University.
- * 1976 Richard M. Eakin, Speaker at the 1976 convention, distinguished as an investigator and for his inspired teaching of undergraduates. Known for his dramatic impersonations of biologists of the past. Professor Emeritus of Zoology at University of California, Berkeley.
- * 1978 E. G. Stanley Baker, protozoologist and geneticist, Professor Emeritus, Drew University. Longtime chapter advisor to Upsilon Delta Chapter, Northeastern Regional Vice President 1960-1967, President 1967-1977, Convention Director 1978-1980.
- * 1978 Louise Bush, biological illustrator, invertebrate and marine zoologist. Professor Emeritus, Drew University, Secretary-Treasurer and Managing Editor of BIOS 1957-1979.
- * 1978 J. Teague Self, parasitologist, Professor Emeritus, University of Oklahoma, Charter member, Beta Tau Chapter at Baylor University, Editor of BIOS 1965-1971 and 1978-1979.
- * 1988 John C. Johnson, Jr., ornithologist and ecologist. Professor Emeritus of Biology, Pittsburg State University, and Director, Rocky Mountain Biological Laboratory, 1969-1978. Long-time advisor to Gamma Psi Chapter, Northcentral Regional Vice President 1965-1977, President 1977-1985.
- * 1990 Robert H. Cerwonka, ecologist, Professor and former Chairman of Biology at the State University College at Potsdam, NY. Long-time advisor to the Lambda Xi

Chapter, Director of Northeastern District 1 1977-1989,
Northeastern Regional Vice President 1985-1989.

- 1991 Hermino Lugo Lugo, biologist, professor of Biology at San German & Metro Campuses of Inter American University of Puerto Rico, Chancellor of Cayey University College, Advisor to chapters of Mayaguez and Rio Piedras 1948-, Vice President of Caribbean Region 1961-1989 and Convention Director 1974 and 1988.
- * 1992 R.L. Wyatt, botanical biosystematist, Professor of Biology at Wake Forest University 1956-1992, a charter student member of Beta Rho Chapter and later advisor to Beta Rho Chapter from 1965-1990, and Director of Southeastern District 1 1978-1990.
- * 1992 Fred Klaus, Entomologist and Zoologist, Professor of Biology at East Texas State University 1964 to present, advisor to Delta Gamma Chapter 1965-1975, Director of Southcentral District 2 and Vice President of Southcentral Region 1975-1989.
- 1998 E. Keith Longpre, Professor Emeritus, Western State College, Longtime Chapter Advisor to Gamma Chapter, Director of Western District 1 1973-1991, Western Regional Vice President 1974-1999, Acting President January 1992 - May 1992 and Convention Director 1998.
- * 2002 Ted C. Michaud, Professor Emeritus, Carroll College, Waukesha, Wisconsin. Advisor to Mu Chapter, Director of the North Central District 1972-1976, North Central Regional Vice President 1976-1993, President 1993-2001.
- 2002 Lawrence D. Koehler, Cell Biologist, Developmental Biologist, Professor Emeritus Central Michigan University, Advisor to the Theta Zeta Chapter 1968-1975, District Director NE-4 1972-1985, Regional Vice President North East Region 1972-1985, President 1985-1993.
- 2002 Paul Yokley, Jr., Zoologist, Malacologist, Professor Emeritus, University of North Alabama 1950-1993, student member of Beta Sigma Chapter, George Peabody College in 1948, charter advisor of Beta Zeta Chapter 1953-1990. District 2 Director of Southeastern Region 1978-1991, Vice President of Southeastern Region 1978-present.
- * 2002 Dawn B. Rohrs, biologist, medical technologist (ASCP), Secretary-Treasurer of Beta Beta Beta 1989-2001.

- 2008 Ron Humphrey, microbiologist, Professor at Prairie View A&M University, Prairie View, Texas 1970-2003. Chapter Advisor of Sigma Chi Chapter, 1970-2003. Dr. Humphrey served as the Director of District 2 of the South central Region from 1999-2008.
- 2010 Gary D. Wolgamott, Microbiologist & Immunologist, Bernhardt Professor, Associate Dean, School of Allied Health Sciences, Southwestern Oklahoma State University; Faculty Advisor, Delta Sigma Chapter, 1970-1976; District Director, SC 1, 1973-1987; Regional Vice President, 1988-2000; National President, 2000-2008; Past President, 2009-present.
- 2010 Jack Seilheimer, Zoology & Limnology, teacher, professor and faculty member of the year, Dean of the College of Science and Mathematics, Chair of the Department of Biology, first recipient of the Presidents Medallion for Distinguished Service to Colorado State University-Pueblo; Faculty Advisor and founder of Phi Alpha Chapter, 1975-2000; District Director West 1, 1991-1999; Vice President Western Region, 1999-2010.

* Deceased