1. **SIGMA XI, THE SCIENTIFIC RESEARCH HONOR SOCIETY**

2. **BYLAWS OF THE SOCIETY**

3. **BYLAW I.** Activities of the Society. Activities appropriate to the fulfillment of the object of the Society include: the election to membership and associate membership in the Society of students, faculty members, investigators in research institutions and others who meet the requirements for membership set forth in Article II, Section 3 A and B of the Constitution; the maintenance of companionship among the membership in various fields of science through association with chapters; the holding of meetings for the discussion of scientific subjects; the publication of American Scientist and other publications devoted to the dissemination of scientific information, especially the results of research in progress; and the encouragement of scientific research through other means such as Grants-in-Aid of Research to individual investigators, the presentation of awards for excellence in research and the maintenance of the lectureship programs.

4. **BYLAW II. Membership in the Society**

5. **Section 1. Membership of Chapters.** A. **Chapters.**

6. The membership of a chapter, subject to the requirements of Article IV, Section 1 of the Constitution, shall consist of the active Members and the active Associate Members who present satisfactory credentials showing election to membership in the Society, who request affiliation with the chapter and who are accepted by the chapter. They shall be recorded as such in the Headquarters of the Society.

7. B. **Membership-at-Large.** The membership-at-large, subject to the requirements of Article IV, Section 1 of the Constitution, shall consist of the active Members and the active Associate Members who are not affiliated with any chapter. They shall be recorded as such in the Headquarters of the Society.

8. **Section 2. Criteria for Membership.** A. **General Requirements.**

9. In the expanding field of science, enumeration of those disciplines appropriate to membership in the Society is not possible as the sole basis for defining the criteria for membership. For this reason, nomination of an individual engaged in scientific research may be made provided that the nominee is, by the quantitative emphasis of the work combined with its synthesis and qualitative stature, deemed eligible for nomination.

10. B. **Noteworthy Achievement.** Noteworthy achievement in research specified for election or promotion to full membership, Article II, Section 3 A of the Constitution, must be evidenced by publications, patents, written reports or a thesis or dissertation. Membership in the
Society is neither linked to the possession of any degree nor contingent upon belonging to some other organization.

C. Research Aptitude. Research aptitude specified for election to associate membership, Article II, Section 3 B of the Constitution, must be evidenced by independent investigation or by two or more letters of reference from the supervisor and colleague(s), which state the nominee’s scientific contributions. Associate membership is offered to encourage young investigators with promise to continue careers in research and to the bench scientists and technicians who “do” the research but may never be recognized as authors or cannot be authors but hold full jobs in science research. In making the nomination for such membership, both the nominator and the seconder attest to the nominee's potential for future promotion to Member or for continuation of their membership as an Associate Member.

Section 3. Nomination and Election and Initiation Procedures.

A. Responsibility. The Committee designated by the Board will have responsibility to set policy regarding nomination, election, and initiation procedures. Changes in policy will be communicated to the chapters for a comment period of not less than 30 days. After the comment period the changes may be revised for a new comment period. Should fifteen (15) or more chapters object to a policy change in writing and objections cannot be resolved in a new comment period, the policy change will be held in abeyance until the next Assembly of Delegates where it will be presented for vote. Otherwise the policy change will be implemented upon the close of the comment period.

B. Honorary Members. Honorary Members shall be initiated into the Society by the President, or by a person designated by the President, at a suitable ceremony.

C. Pledge of the Society. Members-elect and Associate Members-elect shall be informed of the aims and objectives of the Society, and shall be required to assent, either orally or in writing to the president of the electing chapter or the president’s deputy, or in writing to the Chair of the committee designated by the Board, to the following Pledge: "Do you hereby pledge yourself, in accordance with the purposes and objectives of Sigma Xi, The Scientific Research Honor Society, to encourage original investigations in science, to foster companionship and cooperation among scientists, to maintain honor, integrity and honesty in all scientific activities, and to assume the other continuing responsibilities of membership?" Members-elect and Associate Members-elect who attend a regular initiation are
85. expected to have read the culture, mission and vision statements of
86. the Society, whereupon they are admitted to membership in the
87. Society.
88. D. Certificate of Membership. (i) Members and Associate
89. Members. Upon admission to membership, each new Member or
90. Associate Member shall receive a certificate of membership which
91. shall be in a form approved by the Assembly of Delegates, bear the
92. Seal of the Society, and be signed by the President of the Society, the
93. Executive Director, and the president and secretary of the electing
94. chapter or the Chair of the committee designated by the Board. Each
95. new Member or Associate Member shall also receive the official
96. emblem or the authorization to secure such emblem.
97. (ii) Honorary Members. Honorary Members shall receive a
98. suitable certificate of membership approved by the Board of
99. Directors, bearing the Seal of the Society, and signed by the
100. President and the Executive Director.
101. Section 4. Changes in Membership Status A. Active to Inactive
102. Active members who fail to comply with the provisions of Article
103. IV, Section 1 of the Constitution shall be transferred to inactive
104. membership, and shall be recorded as such in the Headquarters of the
105. Society.
106. B. Inactive to Active. An inactive member may, at any time and at
107. the member's discretion, be returned to active membership by
108. complying with the provisions of Article IV, Section 1 of the
109. Constitution, and by indicating to the Headquarters of the Society the
110. chapter, or the membership-at-large, with which the member wishes
111. to be affiliated. Such change shall be recorded appropriately in the
112. Headquarters of the Society.
113. C. Emeritus Status. Once
114. Initiated into the Society and upon reaching the
115. age of 65 having been initiated at least 30 years ago a member,
116. full or associate, may upon retirement request emeritus status.
117. This status permits continued
118. active association with the Society as provided for in Bylaw IV,
119. Section 1 A (iii).
120. D. Policy on removal of Directors, Officers, or members.
121. Directors, Officers, or members can be sanctioned or dismissed for cause in
122. accordance with policy set by the Board of Directors. Changes in
123. policy will be communicated to the chapters for a comment period of
124. not less than 30 days. After the comment period the changes may be
125. revised for a new comment period. Should fifteen (15) or more
126. chapters object to a policy change in writing and objections cannot
be resolved in a new comment period, the policy change will be held
in abeyance until the next Assembly of Delegates where it will be
presented for vote. Otherwise the policy change will be
implemented upon the close of the comment period.

BYLAW III. Organization of the Society
Section 1. Chapters. A. Chapters. (i) Location and
Requirements for a Chapter. A chapter may be established by
action of the Board of Directors, advised by a committee designated
by the Board, at any location where scientific research is cultivated
and promoted. Of considerable importance are evidences of official
commitments to the development and support of research by the
institution in the immediate and long-range future.
Ordinarily locations approved for chapter status will be single
educational, governmental, or industrial institutions whose
permanency is reasonably assured. In some instances chapters may
be approved at locations whose research strength and potential is
dependent upon the combined research organizations of two or more
institutions so situated physically that they can participate together as
companions in zealous research.
Before any petitioning group can be recommended for chapter status,
a committee designated by the Board shall ascertain by inquiry,
study, and visits, where appropriate, if the conditions at the
institution(s) involved are conducive to further scientific research.
(ii) The Petition. A petition for the granting of a charter for the
establishment of a chapter shall be communicated to the Executive
Director, who, in turn, shall refer it to the committee designated by
the Board to determine the suitability of the petition. At least 10
active full or associate members, must agree in the petition to
become members of the chapter. If the
committee, by at least a three-fourths majority vote, recommends
approval of the Board of Directors, and it, in turn, approves by a like
vote, the Executive Director shall initiate the process of installation
of a new chapter.
(iii) Chapter Charter. Each charter for the establishment of a new
chapter shall be signed by the President and the Executive Director,
and shall be presented by the installing officer to the petitioning
group at a special installation ceremony arranged by the petitioning
group in consultation with the Executive Director. The form of the
charter is set forth in Bylaw III, Section 1 D (i) and (ii), below.
(iv) Affiliation with a Chapter. A Member or Associate Member,
upon presenting satisfactory credentials showing election to
membership in the Society, and complying with the provisions of
169. Article IV, Section 1 of the Constitution, is entitled to appropriate membership in any chapter depending upon such relationship to the institution(s) hosting the chapter as said institution(s) may require.

170. (v) Revocation of a Chapter Charter. Any chapter not in good standing (Bylaw III, 1C) will be placed on probation for a one year period by the committee designated by the Board to oversee chapter activities. If after one year on probation, a chapter has not returned to good standing, the committee may initiate the necessary action for revocation of the chapter's charter as indicated below. The charter of a chapter may be revoked by the Board of Directors, by a three-fourths majority vote of those present at a meeting of the Board, provided the Board action was taken in response to a three-fourths majority vote of the members of the committee present at a meeting following a thorough investigation of the chapter concerned and the taking of all possible remedial steps to preclude the necessity for such action by the committee.

171. B. Good Standing of Chapters. The Committee designated by the Board will have responsibility to set policy regarding good standing of chapters. Changes in policy will be communicated to the chapters for a comment period of not less than 30 days. After the comment period the changes may be revised for a new comment period. Should fifteen (15) or more chapters object to a policy change in writing and objections cannot be resolved in a new comment period, the policy change will be held in abeyance until the next Assembly of Delegates where it will be presented for vote. Otherwise the policy change will be implemented upon the close of the comment period.

172. C. (reserved)

173. D. The Charter. The charter issued to a chapter shall contain two paragraphs, to wit:

174. (i) First Paragraph. The first paragraph of the charter of a chapter shall be in the following form:

"Be it hereby known that a charter for the establishment of a chapter of Sigma Xi, The Scientific Research Honor Society at ........to be known as the ........Chapter, is hereby granted to the following persons as Charter Members and Charter Associate Members, conveying to them and to their duly elected successors all the privileges and responsibilities conferred by the Constitution of the Society; (list of names)"

175. (ii) Second Paragraph. The second paragraph of the charter of a chapter shall be in the following form:

"In witness whereof, the signatures of the President and the
Sigma Xi Bylaws amended October 25, 2021.

211. Executive Director, together with the Seal of the Society, are
212. hereunto affixed on the ..........day of ..........in the year......."
213. E. Geographic Regions. Chapters located in North America are
214. assigned to the geographic region in which they are located.
215. Chapters located outside North America shall be assigned to a
216. geographic region by the Board of Directors after consultation with
217. the chapter. A chapter having special ties to a chapter in another
218. region may ask to be reassigned, and the Board of Directors shall act
219. on such requests. Once each decade the Board of Directors shall
220. evaluate the distribution of members and chapters within the
221. geographic regions and make appropriate changes to geographic
222. boundaries.
223. F. Constituency Groups. Chapters located in the United States and
224. its territories are assigned by the Board of Directors to one of four
225. constituency groups of chapters from similar institutions. Chapters
226. located outside of the United States and its territories are assigned to
227. the Canadian/International constituency group. A chapter may ask to
228. be reassigned to a different constituency group, and the Board of
229. Directors shall act on such requests.
230. Section 2. The Assembly of Delegates. A. Duties of the
231. Assembly. The Assembly of Delegates shall meet in
232. General Session either annually, biennially or at the discretion of the Board of
233. Directors at which time the delegates shall consider and act
234. upon business. Elections of officers will be carried out as described
235. in Bylaw III 3. Elections of Directors, Associate Directors, and
236. members of the Committee on Nominations will be carried out as
237. described in Bylaw III 4. While in-person meetings are preferred,
238. such Assemblies may be convened by any means that provide for
239. discussion as needed to complete the business of the Assembly,
240. including electronic.
241. B. Caucuses. In addition to the General Sessions of the Assembly
242. of Delegates attended by all delegates, the Annual Meeting
243. or Biennial Meeting or a convening of the Assembly of Delegates at the
244. discretion of the Board of Directors shall provide time for caucuses of
245. each geographic region and
246. constituency group at which time the delegates may meet and
247. conduct such discussions and business, including the election of a
248. Director, a member of the Committee on Nominations, and members
249. of the region or group nominating committees, as may be required.
250. The appropriate Director shall preside over each caucus. Directors
251. prepare agendas of matters to be discussed, which shall include
252. matters of interest to science and to the Society as a whole, as well as
matters specific to the interest of the geographic region or
c constituency group. The Director may act as spokesperson for the
geographic region or constituency group at General Sessions of the
Assembly of Delegates. In years when the Assembly is not held in
person, caucuses may be held by any means that provide for
discussion as needed to complete the business of the caucus.

C. (reserved)
D. (reserved)
E. (reserved)

F. Agenda of the General Session of the Assembly of Delegates.

(i) Order of Business. The Preliminary Agenda of the General
Session of an Assembly of Delegates shall set forth the order of
business proposed by the President. The Preliminary Agenda may be
amended at the opening of the First Session of said Assembly, and
shall be adopted by a majority vote of the Assembly of Delegates.

(ii) Change in the Order of Business. The regular order of
business, having been adopted, may be suspended or modified by a
three-fourths majority vote of the Assembly of Delegates.

(iii) Rules of Order. Meetings of the Assembly of Delegates shall
be conducted in accordance with the current edition of Robert's
Rules of Order Newly Revised, except when in conflict with the
Constitution or Bylaws, in which case the Constitution or Bylaws
shall prevail. The President shall serve as the presiding officer of the
Assembly and the Executive Director as its secretary. The presiding
officer may limit debate for the purpose of maintaining the time
schedule of the Assembly.

(iv) Limitations on Resolutions. (a) No resolution, except those
reported by official committees or those hereinafter defined, will be
in order for consideration by an Assembly of Delegates unless
having been presented first to the Committee designated by the
Board. All proposed resolutions of a substantive nature, including
motions, to be eligible for passage at an Assembly of Delegates, must
have been submitted 120 days prior to the convening of that
Assembly of Delegates and circulated to the chapters 30 days in
advance of the meeting. The Executive Director shall inform the
chapters of the final date for submission of proposed resolutions, and
invite the chapters to make their submissions through the Executive
Director. (b) Motions and resolutions of a substantive nature offered
by the Board of Directors, or motions and resolutions merely
expressing the sense of the Assembly, such as commemorative
resolutions, are exempt from this provision. (c) Proposals
concerning resolutions of a substantive nature may be considered by
the Assembly of Delegates for inclusion on the agenda of the next Assembly of Delegates, and a majority vote of the current Assembly of Delegates on such a proposal shall require that it be placed on the agenda of the next Assembly.

(v) **Policy on Resolutions.** The Committee designated by the Board will have responsibility to set policy regarding the handling of resolutions as submitted by chapters. Changes in policy will be communicated to the chapters for a comment period of not less than 30 days. After the comment period the changes may be revised for a new comment period. Should fifteen (15) or more chapters object to a policy change in writing and objections cannot be resolved in a new comment period, the policy change will be held in abeyance until the next Assembly of Delegates where it will be presented for vote. Otherwise the policy change will be implemented upon the close of the comment period.

**Section 3. Officers of the Society.**

A. Officers The officers of the Society consist of the President, Past-President, President-Elect, and the Treasurer. The Executive Director serving as Executive Secretary is also an Officer of the Society but without vote.

B. **Election of Officers. (i) Nomination by the Committee on Nominations.** The Committee on Nominations shall present to the chapters through the Executive Director, at least 60 days prior to the convening of the Assembly of Delegates, a report which shall provide: (a) at least two nominees for President-elect; (b) at least two nominees for Treasurer, when required; together with (c) the normal biographical information such as would be available in standard publications and, in addition, data on past service to the Society together with the assurance that the nominee will serve if elected. To assist the Committee in its selection of nominees for Treasurer, the President, in consultation with the President-elect and the Chair of the Committee, shall appoint a search committee of not less than three and not more than five persons, none of whom may be an officer of the Society and not more than two of whom may be members of the Committee on Nominations. The search committee shall be appointed not less than three months before the Committee on Nominations meets to determine its nominees for Treasurer.

In seeking candidates for President-Elect, the Committee on Nominations shall make clear to potential candidates that election is to a three year term, each year with distinct title, duties, and responsibilities, and that additionally there are duties and responsibilities associated with being a retired president. Further, it shall be made clear that failure to complete any part of the three year
term for any reason will end the term in full—the President-Elect must be in office on the day of transition to assume the title and duties of President; the President must be in office on the day of transition to assume the title and duties of Immediate Past President; and the Immediate Past President must be in office on the day of transition to assume the title and duties of a retired president.

(ii) Additional Nominations. Additional nominations for President-elect and for Treasurer may be made provided each nominee is supported by at least three chapters and further provided that the chapters have been furnished by the proposers through the Executive Director at least 21 days prior to the convening of the Assembly of Delegates with the name of the nominee and the additional information required in (i) above.

C. Voting. Voting for officers shall be by ballot, which may be electronic. Each active full and associate member shall have one vote. The vote shall be completed within one month of the Assembly of Delegates.

D. Vacancies. (i) In One Office. In the case of a vacancy in the office of President, the President-elect shall assume the office and the duties of the President they succeed and also serve the full presidential term of one year for which they were elected. In the case of a vacancy in the office of President-elect, the most recently retired president shall assume the duties, but not the office, until the next Assembly of Delegates, at which time both a President and a President-elect shall be elected. The newly elected President shall, in the interim between election by the Assembly of Delegates and the beginning of the elected term, serve as the President-elect. In the case of a vacancy in the office of Immediate Past President, the most recently retired President available shall assume the duties, but not the office, for the remainder of the term. In the case of a vacancy in the office of Treasurer, the Executive Committee shall nominate and the Board of Directors shall approve a Treasurer to serve until the next Assembly of Delegates, at which time a successor shall be elected for the unexpired balance of the term of office.

(ii) President and President-elect. Both Vacant. If the offices of both President and President-elect are simultaneously vacant, the Immediate Past President, or the Executive Director or Treasurer, shall convene the Board of Directors, which shall have the authority to fill the office of President and to appoint an individual to assume the duties, but not the office, of President-elect until the next Assembly of Delegates, at which time both a President and a President-elect shall be elected. Those individuals elected shall immediately assume office completing the unexpired terms of their
Section 4. Board of Directors. A. Membership. The Board of Directors shall consist of the President, the President-elect, the Immediate Past President, the Treasurer, the Executive Director (without vote), a Director elected for each geographic region by the chapters in the region, a Director elected for each constituency group by the chapters in the group, and a Director elected by the membership-at-large. No Director may occupy more than one seat on the Board of Directors.

B. Election of Directors, Associate Directors, and members of the Committee on Nominations for Geographic Regions and for Constituencies. (i) Nomination and Voting. At the Annual Meeting, Biennial Meeting or at a convening of the Assembly of Delegates at the discretion of the Board of Directors one year prior to electing a Director, Associate Director, or member of the Committee on Nominations for a particular region or constituency, the caucus of each geographic region or constituency shall appoint a Nominating Committee. The Director shall be an ex officio member of the Nominating Committee. The Nominating Committee shall report to the chapters of its region or constituency, through the Executive Director, at least 60 days prior to the convening of the caucus, a slate of nominees from the region or constituency for each position up for election, together with the normal biographical data, information on the nominee’s past service to the Society and the assurance that the nominee will serve if elected. Voting shall be by ballot, which may be electronic, and each active full and associate member in the appropriate region and constituency shall have one vote. The vote shall be completed within one month of the caucus.

The nominee receiving the largest number of votes shall be declared elected, except that if two, or more, nominees are tied for the largest number of votes, they shall enter a run-off election. A Director shall be limited to two full successive terms of office, but may be nominated again for a term commencing at least three years after termination of the previous term. The rotation of elections shall be set by the Board of Directors, in compliance with Bylaw III.

(ii) Vacancies. In the event of a vacancy in the office of Director, that vacancy shall be filled by the Associate Director. If there is no Associate Director, the Executive Committee shall nominate and the Board of Directors shall approve a Director to serve until the next Annual Meeting, Biennial Meeting or a convening of the Assembly of Delegates at the discretion of the Board of Directors,
at which time a special election shall be held by the
affected geographic region or constituency to fill the unexpired term,
following the regular procedures. If a Director of a region or a
constituency becomes a member of a different region or
constituency, the Director may, with the concurrence of the chapters
in the original region or constituency, continue to serve as a Director
until the expiration of the Director's term. Concurrence of the region
or constituency will be determined by ballot, which may be
electronic. A quorum will be considered as 50% plus one of the
chapters in that region or constituency. A 50% plus one or more
approval will be required.

(iii) Notification. The name of the newly elected Director (if any),
the members of the Committee on Nominations (if any), and the
members of the Geographic Region or Constituency Nominating
Committees shall be reported to the Executive Director by the
presiding officer of each caucus.

(iv) Duties. The Director for a geographic region or constituency, in
addition to the duties stated in the Constitution and in other sections
of the Bylaws, shall work with, give advice to, and contribute to the
health of chapters within the region or the constituency.

D. Quorum of the Board of Directors. Eleven of the Directors
(including designated Associate Directors) and Officers with vote
shall constitute a quorum of the Board of Directors.

E. Terms of Regional and Constituency Group Elected

Positions. From time to time unanticipated events may require the
alteration of the normal three year terms of office for Directors,
Associate Directors, and members of the Committee on
Nominations. The Board of Directors will make such adjustments
to terms prior to the election for the affected term and announce
such changes along with the announcement of the nominees as
described in Bylaw III 4 B.

Section 5. The Executive Committee. A. Membership. (i) the
Executive Committee shall consist of the President, Past-President,
President-Elect, Treasurer, and two Directors selected as described in
(i). The Executive Director shall also be a member, without vote.

(ii) Selection of Members. The Board of Directors shall, at a
meeting held prior to 1 July of each year, designate in even-
numbered years a Director elected by a constituency group and in
odd-numbered years a Director elected by a geographic region to
serve on the Executive Committee for the ensuing two years. In
selecting the Director to serve, consideration shall be given to the
availability of the individual to serve for two years and to attend
meetings.

(iii) **Selection of Alternates.** If, in connection with the call of a meeting of the Executive Committee, it shall be determined that an officer or designated member will be unable to attend the meeting, it shall be the option of that individual to select, from among the other members of the Board of Directors, an alternate to attend in a non-voting capacity in the member's place.

B. **Duties and Limitations.** The Executive Committee of the Board of Directors shall have the following specific duties, subject, however, to the conditions, limitations and requirements set forth below.

(i) **Responsibilities.** The Executive Committee shall have the responsibility to act for the Board of Directors between meetings with respect to matters not excluded in subsection (iv) below: (a) when action is required and the exigencies of the situation will not permit a delay until the next meeting of the Board of Directors or until a ballot can be taken; or (b) when the degree of confidentiality is so great as to require consideration by a smaller group; or (c) when the Executive Director requires an advise-and-consent service. The Executive Committee shall also have the responsibility to assist the Board of Directors by (a) giving preliminary consideration to matters where an appropriate committee does not exist or when time does not allow referral to the appropriate committee, (b) meeting shortly before each meeting of the Board of Directors to aid in assisting the Board of Directors in achieving informed decisions in a short period of time, and (c) taking action on specific matters as requested by the Board of Directors.

(ii) **Limitations.** The Executive Committee shall not have the power to: (a) elect or remove officers, except to recommend removal of the Executive Director; (b) act in contravention of policies established by the Board of Directors; (c) authorize the sale or other disposition of all or any substantial portion of the assets of the Society; (d) act for the Board of Directors in granting and revoking charters for chapters or (e) create and authorize new policy.

(iii) **Record of Actions.** A record shall be kept of the formal actions of the Executive Committee, and a report thereon shall be made to the next meeting of the Board of Directors.

(iv) **Quorum.** Five members shall constitute a quorum of the Executive Committee.

**Section 6. Committees of the Society.** Unless otherwise specified in the Bylaws or in a resolution of the Board of Directors, the membership of Committees of the Society will be by appointment by
Sigma Xi Bylaws amended October 25, 2021.

505. the President, with the advice and consent of the President-elect,
506. upon recommendation of the Committee Chair. The President and
507. the President-elect shall be members, ex officio, and with the vote, of
508. all committees except the Committees on Audit Review and
509. Nominations. A Chair of a committee other than the Committee on
510. Nominations, may also invite other individuals, as resource persons
511. without vote, if in consultation with the Executive Director such
512. participation is deemed necessary for the discharge of the
513. Committee's mandate. A. Committee on Finances. (a) Membership of the Committee.
514. The Committee on Finances shall consist of the Treasurer as Chair,
515. together with the President, the President-elect and the Executive
516. Director, ex officio, and six members, three of whom shall not be
517. Directors, nominated by the Treasurer and approved by the Board of
518. Directors for three-year staggered terms. An elected member of the
519. Committee shall be limited to two full successive terms but may be
520. nominated again for a term commencing at least three years after
521. termination of the previous term. (b) Duties. It shall be the duty of
522. this Committee to advise the Board of Directors of the Society and of
523. the Corporation regarding the raising and acquisition of capital
524. funds; the investment of its endowments, funds and reserves; and the
525. annual budgets for research, operations and capital equipment,
526. including the physical plant, debits/net assets, and
527. expenditure/income patterns. It shall review and modify the
528. Executive Director's annual budget for the consideration of the
529. Board of Directors, and a copy of the annual budget will be furnished
530. to each chapter at least 60 days prior to the Assembly of Delegates.
531. B. Committee on Audit Review. The Committee on Audit
532. Review shall consist of three members appointed by the Board of
533. Directors of the Corporation at the Annual Meeting of the Board of Directors of the
534. Corporation to serve between Annual or Biennial Assemblies of Delegates for
535. three-year or four-year staggered terms. Current officers or Directors are not
536. eligible to serve on the Committee on Audit Review. The senior
537. member shall serve as Chair. It shall be the duty of this committee
538. to: (a) discuss with the auditors the scope and results of their
539. examinations, (b) establish and maintain an open line of
540. communication between the Board of Directors and the auditors, (c)
541. assure itself that the accounting procedures and financial controls of
542. the Society and of the Corporation adequately safeguard the assets of
543. the Society and of the Corporation and ensure the reliability of its
544. financial records and (d) ascertain that the official auditors do
545. contribute to Sigma Xi any and all of the affirmative comments and
546. suggestions which can be helpful in improving the overall operations
C. Committee on Nominations. (a) The Committee on Nominations shall consist of one member elected by each geographic region, one member elected by each constituency group, one member elected by the membership-at-large, and the three most recently retired and available presidents of the Society. The Chair shall be selected by the Committee from among its membership, but shall not be drawn from the retired presidents. No Director may serve on the Committee. The elected members of the Committee shall be elected to three-year rotating terms. An elected member of the Committee shall be limited to one three year term but may be nominated again for a term commencing at least three years after termination of the previous term. It shall be the duty of this Committee to present nominations to the Assembly of Delegates the officers to be for elected as required by Bylaw III, Section 3 B (i), which nominations may not include individuals currently serving on the Committee. All nominations by this Committee shall reach Executive Director in the sufficient time to be included in the call of the Assembly of Delegates as required in Article III, Section 2 B of the Constitution. Procedures of this Committee shall conform to those established by the Executive Committee, and copies thereof shall be furnished to each member of the Committee immediately after election or designation. The term of this Committee shall commence upon the adjournment of the Assembly of Delegates and terminate upon the adjournment of the succeeding Assembly of Delegates.

D. Other Committees of the Society. Committees for the operations and activities of the Society may be established and disestablished by the Board of Directors from time to time. The Board of Directors shall define the duties and responsibilities of a committee, the number of members to serve on the committee, and the duration of the committee.

E. Terms of Chairs and Members of Committees. Terms of chairs and members of all committees of the Society, unless provided for in a specific Bylaw or Board Resolution, shall be for three-year periods.

F. Reports of Committees. Reports and recommendations of committees made to the Board of Directors of the Society shall also be considered made to the Board of Directors of the Corporation whenever and wherever deemed necessary.

Section 7. Meetings. A. Notice. Notice shall be interpreted to be: (a) 15 days for meetings of the Board of Directors, and (b) five days for meetings of the Executive Committee and any committee of the
B. Manner of Giving Notice. Notice shall be given by mail, telephone, telegraph, electronically or personally. Meetings may be held by any means, including electronic means, which allows for discussion necessary to carry out business as is permitted by law. Notice may be waived either before or after a meeting by any person entitled thereto.

Section 8. Meetings of Substantial Importance or Emergency.
Meetings of the Sigma Xi Board of Directors may be held by telephone conference or other appropriate means, as is permitted by law, with such notice as the officer calling the meeting deems appropriate. An electronic poll is acceptable to request Board approval regarding urgent issues requiring a timely response or action.

Section 9. The Executive Director. The Executive Director shall be the custodian of the Seal of the Society and of the Archives of the Society, and shall plan and direct the affairs of the Society in accordance with the input of the Executive Committee subject to the consent and policies established by the Board of Directors. Unless the Board of Directors shall make other arrangements, the Executive Director shall serve as the publisher of the publications of the Society.

Section 10. (reserved)

BYLAW IV. Dues and Expenses of the Society

Section 1. Dues and Fees. A. Annual Dues. (i) How Set. Dues for the active membership, and all associated fees, shall be recommended annually by the Committee on Finance and approved by the Board.

B. Local Chapter Dues. Local chapter dues, if assessed, shall be set in an amount and by procedures provided for in the bylaws of the chapter. The chapter shall have the option of collecting them directly or requesting the Treasurer of the Society to collect them.

Section 2. Expenses. A. Proper Expenses. The proper expenses of the Society shall include, but are not limited to, the following: operations of the Headquarters of the Society; publication of American Scientist; the Lectureships Program; Grants-in-Aid of Research; authorized travel expenses of the staff, officers, members of the Board of Directors and members of committees in accordance with regulations approved by the Board of Directors; subvention of travel for delegates attending an Assembly of Delegates in accordance with regulations approved by the Assembly of Delegates and local support allocations.

B. Local Support. The sum allocated from annual dues by the Board
of Directors for local support of the chapters shall be forwarded by the
Executive Director to the treasurers of the chapters, except that local
support shall be withheld from any chapter not currently in good standing
as defined in Bylaw III, Section 1 B.

**BYLAW V. Seal and Insignia of the Society**

**Section 1. The Seal of the Society.** The Seal of the Society shall
show a wreath of laurel, typifying the honorary character of
membership in the Society, arranged as an oval and enclosing the
words "Sigma Xi, The Scientific Research Honor Society" at the top, and
the motto, in Greek, at the bottom. These words shall form an inner
oval, concentric with the first, punctuated with ten stars, and
closing a field illuminated by a Grecian lamp to represent the
Lamp of Research. Above the lamp, in the field of illumination,
shall be placed the monogram of the Society and the date, 1886,
when it was founded.

**Section 2. Official Insignia.** The official insignia shall be:

**(A) The Key.** A gold watch-chain pendant, charm or pin consisting
described as follows: the base is a large, brightly polished Greek
letter (Xi) scrolled out to shape and superimposed thereon a Greek
Letter S (Sigma). Affixed to the top of the base letter is a decorative
post and ring, and at the base, a standard decorative key end. On the
reverse side of the key may be engraved the name of the chapter in
which the Member or Associate Member was initiated together with
the date of initiation and initiate's name.

**(B) The Ring.** A gold insignia ring bearing the monogram of the
Society together with a wreath of laurel, appropriately mounted.

**Section 3. Procurement.** The various insignia shall be obtained
only through the Office of the Executive Director, who shall arrange
to have authorized orders filled by an official jeweler, the latter
appointed by the Executive Director with the approval of the Board
of Directors.

**Section 4. Colors.** The colors of the Society shall be electric blue
and white.

**Section 5. Stationery.** The official stationery of the Society shall
bear the monogram described in Article V of the Constitution.

**BYLAW VI. Sigma Xi Affiliate Circle**

**Section 1. Criteria for Affiliation.** Individuals eligible to join the Sigma Xi Affiliate
Circle as set forth in Article VIII of the Constitution, may include science
enthusiasts who have a passion for the advancement of research, college
students pursuing studies in a science or engineering field, teachers who
educate and encourage future researchers, technicians who educate and
encourage future researchers and practicing clinicians who
translate research results into improved health.

Section 2. Annual Dues. Dues for Sigma Xi Affiliates shall be recommended
annually by the Committee on Finance and approved by the Board of
Directors of Sigma Xi.

Section 3. Certificate of Affiliation. Upon admission to the Sigma Xi
Circle, each new Affiliate shall receive a certificate of affiliation which
shall be in a form approved by the Assembly of Delegates, bear the
Seal of the Society and be signed by the President of the Society
and the Executive Director.

BYLAW VII. Sigma Xi Explorer.

Section 1. Criteria for Sigma Xi Explorer. As set forth in Article IX of the Constitution, any
individual in Kindergarten through Twelfth grade who has presented a science project
at a science fair, together with a letter of recommendation from a science or Science,
Technology, Engineering and Mathematics (STEM) teacher, is eligible for election to be
a Sigma Xi Explorer in the Society.

Section 2. Annual Dues. Dues for Sigma Xi Explorer shall be recommended annually by
the Committee on Finances and approved by the Board of Directors of Sigma Xi.

Section 3. Sigma Xi Explorer shall have the option to form a Sigma Xi Club mentored by a
member or an associate member affiliated with a sponsoring chapter, or two members or
associate members from the Membership-at-Large Constituency if there is not a sponsoring
chapter. Sigma Xi Clubs may be in person or virtual/networked.