

**AMERICAN SOCIETY OF TRACE EVIDENCE EXAMINERS (ASTEE)
BYLAWS**

Approved October 2022

1. ARTICLE I: ORGANIZATION

1.1. GENERAL

- 1.1.1. The name shall be the American Society of Trace Evidence Examiners; hereinafter referred to as the Society.
- 1.1.2. OBJECTIVES – The objectives of the Society shall be to:
 - 1.1.2.1. Encourage the exchange and dissemination of ideas and information within the field of trace evidence through improving contacts between persons and laboratories engaged in trace evidence analysis.
 - 1.1.2.2. Stimulate research and the development of new and/or improved scientific techniques for forensic trace applications.
 - 1.1.2.3. Promote high standards of performance and professional ethics and to acknowledge persons working in the recognized forensic science field of trace evidence.
- 1.1.3. BYLAWS PROVISIONS – May contain any provisions for the regulations and management of the affairs of the Society and shall not be in conflict with the Statutes of Incorporation for the State of New Jersey.
- 1.1.4. PARLIAMENTARY GUIDE – Robert's Rules of Order, latest edition, shall govern all meetings of the Society.
- 1.1.5. DISSOLUTION – Should the Society be dissolved, the Board of Directors, hereinafter referred to as the Board, shall dispose of any assets remaining after all existing liabilities have been paid. Such assets may go only to another organization with purposes as prescribed in these Bylaws.

1.2. MEETING AND OTHER NOTICES

- 1.2.1. MEETING NOTICES – For meetings of the Board or the membership at-large notice shall be delivered at least ten (10) calendar days prior to the meeting. Notice of any special meeting shall include the purpose(s) of the meeting.
- 1.2.2. WAIVER OF NOTICE – Whenever any notice of a meeting is required to be given under the Articles of Incorporation or Bylaws of the Society, a written waiver signed by the person or persons entitled to such notice, whether before or after the time slated therein, shall be deemed equivalent to the giving of such notice. Further, attendance of any member at any meeting time slated therein, shall be deemed equivalent to the giving of such notice. Further, attendance of any member at any meeting shall constitute a waiver of notice of such meeting, except where a member attends the meeting for the express purpose of objecting to the meeting.
- 1.2.3. DELIVERY – The Society shall use electronic means (e.g. website posting or e-mail), fax, U.S. Postal Service, or hand delivery, to deliver information to members. All items will be sent to members at the electronic or mailing addresses shown in the Society records. Responsibility for notifying ASTEE and/or the Treasurer of any change of address rests with members.

2. ARTICLE II: MEMBERSHIP

2.1. DEFINITIONS

- 2.1.1. CLASSES – Founder, Charter, Emeritus, Regular, Associate, and Student.
- 2.1.2. DUES – The Society shall prescribe annual dues on the recommendation of the Board. Changes in dues shall require a three-quarters (3/4) majority of the voting members present at a business meeting of the Society or in the absence of a business meeting, a three-quarters (3/4) majority of the voting members via electronic ballot.
- 2.1.3. TERM – Membership continues through the end of December each year.
- 2.1.4. VOTING MEMBER – Shall apply to all Founding, Charter, Emeritus, and Regular members in good standing.
- 2.1.5. GOOD STANDING – All members shall remain in good standing provided that they are not in conflict with the objectives, goals, and the Code of Ethics of the Society and whose dues and other fees are paid as prescribed.

2.2. QUALIFICATIONS

- 2.2.1. Membership shall be available only to those persons of professional competence, integrity, and good moral character who satisfy the requirements for membership of the class for which they applied.
- 2.2.2. FOUNDER – The eight members present at the first meeting of the Association. This membership classification shall be held as long as members continuously maintain their membership in the Society and pay annual dues and fees as required.
- 2.2.3. CHARTER – Applicants who meet the criteria for Regular member status as set forth below and whose membership applications were approved by December 31, 2009 shall be classified as charter members. This membership classification shall be held as long as members continuously maintain their membership in the Society and pay annual dues and fees as required.
- 2.2.4. EMERITUS – Founders, Charter, or Regular members may be proposed by any member in good standing for emeritus status if they have had 20 years of service in the forensic sciences, a minimum of 5 years of membership in good standing and are retired from full-time forensic work. This classification shall be achieved by a three-quarters (3/4) majority vote of the Board. Emeritus members shall retain all rights and privileges of Voting Members but shall be excused from all dues and fees.
- 2.2.5. REGULAR – Regular members must pay the dues and meet the following criteria:
 - 2.2.5.1. Hold at minimum, a B.S. or B.A. degree in one of the natural sciences (chemistry, biology, physics, or geology, engineering, forensic science, or a closely related field); AND,
 - 2.2.5.2. Currently work in a forensic science laboratory doing or having done examinations and interpretations of trace evidence for at least three years and must have completed a documented training program within the discipline of trace evidence. A forensic science laboratory is defined as one that has, as its primary function, service to the criminal and/or civil justice system by the

- examination and interpretation of physical evidence; OR,
- 2.2.5.3. Currently work full time in forensic science education at an accredited college or university (i.e., U.S. college or university accredited by one of the regional accrediting bodies recognized by the Council for Higher Education Accreditation or the United States Department of Education) and teach courses specifically related to the analysis and interpretation of trace evidence for at least three years; OR,
 - 2.2.5.4. Work primarily in research related to trace evidence (e.g. academic researchers, government and private research institutions) for at least three years; OR,
 - 2.2.5.5. Work in a managerial or support capacity such as quality assurance/quality control officer or others having a direct impact on the daily functions of a forensic trace laboratory and have at least three years of bench level experience with the completion of a documented training program within the discipline of trace evidence.
- 2.2.6. ASSOCIATE – Associate members must pay the dues and meet the following criteria:
- 2.2.6.1. Hold at minimum, a B.S. or B.A. degree in one of the natural sciences (chemistry, biology, physics, or geology, engineering, forensic science, or a closely related field); AND,
 - 2.2.6.2. Currently working or training in a forensic science laboratory doing or having done examinations and interpretations of trace evidence. A forensic science laboratory is defined as one that has, as its primary function, service to the criminal and/or civil justice system by the examination and interpretation of physical evidence; OR,
 - 2.2.6.3. Currently work full time in forensic science education at an accredited college or university (i.e., U.S. college or university accredited by one of the regional accrediting bodies recognized by the Council for Higher Education Accreditation or the United States Department of Education) and teach courses specifically related to the analysis and interpretation of trace evidence; OR,
 - 2.2.6.4. Work primarily in research related to trace evidence (e.g., academic researchers, government and private research institutions); OR,
 - 2.2.6.5. Work in a managerial or support capacity such as quality assurance/quality control officer or others having a direct impact on the daily functions of a forensic trace laboratory.
 - 2.2.6.6. Associate applicants who do not meet the above listed criteria may also be evaluated on a case-by-case basis by the Board.
 - 2.2.6.7. Although entitled to standard membership benefits, Associate members are not eligible to vote or serve on the Board.
- 2.2.7. STUDENT – Student members are any members currently enrolled in a natural or forensic science program at an accredited college or university (i.e., U.S. college or university accredited by one of the regional accrediting bodies recognized by the Council for Higher Education Accreditation or the United States Department of Education). Proof of student status is required to maintain this membership classification.

- 2.2.7.1. Student members are required to pay dues at the regular member rates but may be entitled to discounted rates at Society functions.
- 2.2.7.2. Student members are not eligible to vote, hold positions on committees, or serve on the Board.
- 2.2.7.3. Upon graduation, students will have a two-year grace period during which they will be eligible to apply for Student membership. Student Members have a maximum of two years from the date of graduation to maintain their Student member status in the Society.
- 2.2.7.4. Upon expiration of this two-year period after graduation, Student members who are not eligible to upgrade into Associate or Regular member status will be dropped.

2.3. APPLICATION

- 2.3.1. Application for membership or upgrade of membership must be submitted on the approved form.
- 2.3.2. The procedures for application are established in the Administrative Rules.
- 2.3.3. Applicants who are not approved by the Board may appeal the matter before the membership. Membership would require a three-quarters (3/4) majority vote of the voting members present at a business meeting of the Society or, in the absence of a business meeting, a three-quarters (3/4) majority of the voting members participating via electronic ballot.
- 2.3.4. Membership letters in the Society shall be issued.

2.4. MAINTENANCE, TERMINATION, OR REINSTATEMENT

- 2.4.1. MAINTENANCE – It is the responsibility of all members to notify ASTEE and/or the Treasurer in writing of all changes in name, address, employment and phone number as soon as they occur.
- 2.4.2. TERMINATION OF MEMBERSHIP – Membership shall be terminated for the following reasons:
 - 2.4.2.1. Termination upon request of member. Members may resign from membership in the Society by giving written notice to ASTEE and/or the Treasurer of the Society.
 - 2.4.2.2. Termination for failure to pay dues. Members who fail to pay annual dues or late fees will be dropped from the roll of members in accordance with the procedures established in the Administrative Rules Section 1.5. Terminated members may be reinstated only after paying all monies owed and submitting a new application, which shall receive the same consideration as is given other applications.
 - 2.4.2.3. Termination for Cause. Members may be removed from membership for cause by action as described in the ASTEE Code of Ethics as adopted by the Society.
- 2.4.3. APPEAL – Terminated members may appeal the matter before the membership. Such termination may be reversed by a three-fourths (3/4) majority vote of members present at a business meeting of the Society or in the absence of a business meeting, a three-quarters (3/4) majority of the voting members participating via electronic ballot.

- 2.4.4. **ETHICS** – Members are expected to adhere to the Society's Code of Ethics in their professional conduct. Additionally, when acting for the Society, members are expected to follow the Bylaws and Administrative Rules. Any ethics matters brought to the attention of the Board by any member of the Society are to be investigated by the Ethics Committee using the Society's Code of Ethics and Administrative Rules as guidelines. A report of such an investigation is to be made directly to the Board.

2.5. MEETINGS

- 2.5.1. **BUSINESS MEETING** – The Society may hold business meetings, which could be held in person, by conference call, or by teleconference/web conference. In the absence of a business meeting, provisions which require membership voting (e.g., dues changes, membership changes, amendments to foundational documents, etc.) will be voted on via an electronic ballot.
- 2.5.2. **BOARD MEETINGS** – The Board shall meet at least one time per year. Four members of the Board of Directors shall be considered a quorum to conduct the business meeting of the Society. Board meetings may be held in person, by conference call, or by teleconference/web conference. Additional meetings may be called by the President, if necessary. Votes may be taken by telephone, provided they are confirmed in writing or by electronic communication. Votes by electronic communication shall be recorded by the Secretary and summarized in the Minutes of the next Board Meeting. The Executive Secretary shall relay the outcomes of the votes to committee chairs as necessary.
- 2.5.3. **GENERAL MEETINGS** – The Society may elect to hold one or more general meetings during the year and can be the result of a co-sponsored event. Members, guests, and those qualified for membership may attend.
- 2.5.4. **SPECIAL MEETINGS** – The president may call a special meeting at any time. The president shall notify the participating members in writing and include an agenda for the meeting. Special meetings can be held in person, by conference call, or by teleconference/web conference.
- 2.5.5. **QUORUM** – Ten percent of the voting members shall be considered a quorum to conduct the business (via meeting or electronic ballot) of the Society. A quorum of the Board shall consist of four voting members.
- 2.5.6. **PROXY VOTING** – No proxy voting shall be allowed at the membership meetings.
- 2.5.7. **MANNER OF ACTING** – Any action normally taken at a meeting of the Society, may be taken without a meeting, if written consent of a quorum of the voting members is obtained before the action is taken.

3. ARTICLE III: MANAGEMENT

3.1. GENERAL

- 3.1.1. **GENERAL POWERS** – The affairs of the Society shall be managed by the Board. To facilitate operations of the Society, the Board may issue and/or change the Administrative Rules governing the actions of the Society or members on behalf of the Society. Such rules shall not be in conflict with the Statutes of New Jersey,

the Articles of Incorporation, or these Bylaws.

- 3.1.2. **CONTRACTS** – The Board may authorize any officer(s) or agent(s) of the Society to enter into any contract or execute and deliver any instrument in the name of the Society and such authority may be general or confined to specific instances.
- 3.1.3. **BOOKS AND RECORDS** – The Society shall keep correct and complete books and records of account. Minutes shall be kept of the proceedings of business and Board meetings by the secretary. A record of the names and addresses of voting members shall be kept by the membership committee chair. All books and records of the Society may be inspected by any member or his agent or attorney for any proper purpose at any reasonable time.
- 3.1.4. **PUBLIC STATEMENTS** – No officer or member may make statements on behalf of the Society without the approval of the Board.
- 3.1.5. **GIFTS** – The Board may accept contributions for the use of the Society; they may not accept those items for personal use or as remuneration for services as Board members.

3.2. FISCAL

- 3.2.1. **FISCAL YEAR** – The fiscal year shall be January 1 through December 31.
- 3.2.2. **CHECKS, DRAFTS, ETC.** – The Administrative Rules shall contain procedures for the handling of Society funds. All such items for the payment of money, issuance of notes, or other evidence of indebtedness issued in the name of the Society shall be signed as prescribed by Section 3.1.2 of this Article, except that no such item shall be made payable to cash.
- 3.2.3. **DEPOSITS** – Society funds shall be deposited to the credit of the Society in such banks, trust companies, or other depositories as the Board may direct.
- 3.2.4. **DUES AND FEES** – The Administrative Rules shall list the amounts of the non-refundable application fee and annual dues payable to the Society within the following limitations:
 - 3.2.4.1. Emeritus members are exempt from paying dues.
 - 3.2.4.2. There shall be no fee for application to change membership status.
- 3.2.5. **AUDITS** – Following each fiscal year, the Audit Committee shall conduct and complete an audit of the Society's books and present a report to the Board and members at the next business meeting or in the absence of a business meeting, via electronic communication.

3.3. BOARD OF DIRECTORS

- 3.3.1. **COMPOSITION** – The officers shall be responsible for the general management of the Society. The Society Officers shall be comprised of the members as prescribed by Section 3.3.2.
- 3.3.2. **OFFICERS AND DUTIES**
 - 3.3.2.1. **EXECUTIVE BOARD:**
 - 3.3.2.1.1. **PRESIDENT** – Presides at Society and Board meetings; conducts the business of the Society and promotes the fulfillment of the Society's objectives. To accomplish these duties, the President may issue and/or change operational guidelines relating to committee and/or other operations providing such guidelines are not in conflict with these Bylaws,

the Administrative Rules, or other items controlling the actions of the Society.

3.3.2.1.2. PRESIDENT-ELECT – Fulfills the President’s duties should the President be absent, leave office, or become incapacitated.

3.3.2.1.3. SECRETARY – Records the minutes of the Board and Society business meetings, maintains the Society records, records members’ attendance at all business meetings, and files (or appoints an agent to file) any and all necessary documents with New Jersey. In the absence of the Secretary from a business meeting, the presiding officer shall appoint a temporary Secretary to record the minutes of the meeting.

3.3.2.1.4. TREASURER – Keeps Society financial records, safeguards its funds, keeps the membership list current, notifies the membership committee chair of address changes, deposits all monies received by the Society in accounts approved by the Board, files the Society (Corporate) Annual Report, and submits the corporate renewal fee.

3.3.2.2. DIRECTORS – Act at the direction of the executive Board (President, President- Elect, Treasurer, and Secretary) to carry out assigned tasks on behalf of the Society. Serve on or chair a committee. Directors are voting members of the Board.

3.3.3. NOMINATIONS AND ELECTIONS

3.3.3.1. CANDIDATES – Only Founder, Charter, Emeritus, and Regular voting members in good standing may serve on the Board.

3.3.3.2. ELECTIONS – After the first two years of inception, elections will be held annually. The election is hereby set to begin on the second Tuesday in October, and voting will remain open for fourteen (14) calendar days.

3.3.3.3. NOMINATIONS – The Elections Committee will propose a slate of candidates and notify members at least thirty (30) calendar days prior to the annual date of the election. Once the slate is announced, interested members may be added to the slate by a petition to the Board. Nominations will close fourteen (14) calendar days prior to the annual election.

3.3.3.4. ELECTION OVERSIGHT – The election will be refereed by the Executive Secretary. All votes will be mailed to and counted by the Executive Secretary or an electronic ballot will be created and administered by the Executive Secretary.

3.3.3.5. The President’s vote will break any ties.

3.3.3.6. The results of the vote will be posted on the website or disseminated to the membership via email no later than three weeks after the closing date of the election. The newly elected officers shall assume their offices as of January 1 of the following year.

3.3.3.7. CHALLENGES – Any challenges to election results must be mailed to the President within ten (10) calendar days of the announcement of the results. Challenges will be addressed by the Elections Committee.

3.3.3.8. TENURE – The terms of office shall be as follows:

3.3.3.8.1. President – One year.

3.3.3.8.2. President-Elect – One year. After one year becomes President for one year.

- 3.3.3.8.3. Secretary – Two years with term staggered with Treasurer.
- 3.3.3.8.4. Treasurer – Two years with term staggered with Secretary.
- 3.3.3.8.5. Directors – Three years with terms staggered so that one Director will be elected in any given year.
- 3.3.4. VACANCIES – The Board shall fill any vacancy, except the President, by appointment. Such appointments will be subject to vote at the next election.
- 3.3.5. COMPENSATION – Board members shall not receive any stated salaries for their services as Board members. They may receive reimbursement for expenses on the same basis as others. This section shall not be construed to preclude any Board member from receiving reasonable compensation for other services provided to the Society.

3.4. APPOINTED POSITIONS AND COMMITTEES

- 3.4.1. EXECUTIVE SECRETARY – Appointed by the President to serve as Chairperson of the Elections Committee, supervise the tabulation of ballots regarding elections and other Society votes, and to serve as a liaison between the standing committees and the Board.
- 3.4.2. STANDING – To have duties as prescribed by the Bylaws and/or the Board. Unless specifically designated by these Bylaws, members are to be appointed by the President from the membership and to serve for a term of one year or until their successors are appointed. All members serving on committees shall be in good standing.
- 3.4.3. MEMBERSHIP – The committee shall process the applications as outlined in the Administrative Rules and present a list of new members to the Board.
- 3.4.4. ELECTIONS – The committee shall propose a slate of candidates for office.
- 3.4.5. BYLAWS & ADMINISTRATIVE RULES – The committee shall review and propose changes to the Bylaws, Administrative Rules and Code of Ethics.
- 3.4.6. ETHICS – The committee shall review ethics violations.
- 3.4.7. AUDIT – The committee shall review the financial records of the Society.
- 3.4.8. COMMUNICATIONS – The committee shall provide communication support to members and partners on behalf of ASTEE and the Board.
- 3.4.9. PUBLICATIONS – The committee is responsible for compiling and releasing the ASTEE newsletters and JASTEE journals.
- 3.4.10. AWARDS – The committee shall oversee the solicitation, creation, and review of applicants for awards offered by the Society.
- 3.4.11. EDUCATION - The committee is responsible for promoting current trends and training opportunities in trace evidence and assisting Student members to pursue careers in the field.
- 3.4.12. EVENTS - The committee is responsible for coordinating and planning events on behalf of the Society.
- 3.4.13. RESEARCH - The committee is responsible for promoting the advancement of the field of trace evidence through academic research.
- 3.4.14. SPONSORSHIP - The committee is responsible for soliciting sponsors for ASTEE.
- 3.4.15. SPECIAL AND/OR TEMPORARY – The president shall appoint other committees from the membership as required.

- 3.4.16. COMMITTEE OPERATION – Unless otherwise provided in the appointment of the committee, a majority of the whole committee shall constitute a quorum and the act of a quorum shall be the act of the committee.
- 3.4.17. CHAIR – To be designated by the president and/or the committee members unless predetermined by these Bylaws.
- 3.4.18. RULES – Each committee may adopt such operational rules as are not in conflict with these Bylaws or extensions thereof.

4. ARTICLE IV: AMENDMENT

4.1. PROCEDURE

- 4.1.1. DEADLINE – A proposed amendment shall be submitted in writing to the president at least ninety (90) calendar days prior to a scheduled business meeting or annual election.
- 4.1.2. PUBLICATION – A proposed amendment shall be distributed to members via the Society’s website, by mail, or via email at least thirty (30) calendar days prior to the next scheduled business meeting or annual election at which the vote is to occur.
- 4.1.3. APPROVAL – Amendments to the Bylaws shall require approval by three-quarters (3/4) majority of the votes received from members in good standing once a quorum of ten percent of the voting membership has been met.
- 4.1.4. CHANGES – After a proposed amendment has been published, changes which alter the substance of the amendment may be made only by unanimous vote of those present and voting.
- 4.1.5. IMPLEMENTATION – Required implementation instructions shall be a part of the motion presenting the amendment but shall not become part of the Bylaws.

5. ARTICLE V: ETHICS

5.1. PREAMBLE

- 5.1.1. This Code of Ethics (hereinafter, the “Code”) is intended for members of and those applying for membership in the American Society of Trace Evidence Examiners (hereinafter, the “Society”) to provide a basis for their ethical conduct. No set of guidelines can deal with every circumstance; thus, this code is neither intended to be all-inclusive nor a strict set of rules.
- 5.1.2. Every member of and those applying for membership in the Society shall refrain from exercising professional or personal conduct adverse to the best interests and purposes of the Society.
- 5.1.3. Any member/applicant who violates any of the provisions of this Code (Article V of the Bylaws of the Society) shall be liable to action by the Board of Directors (hereinafter, the “Board”), as provided in Section 21 of the Administrative Rules of the Society.

5.2. GENERAL MATTERS

- 5.2.1. Denial or revocation of membership may occur if:

- 5.2.1.1. an intentional misstatement, misrepresentation, or omission of a material fact is provided to the Board or its representative(s) in an application or in any other official communication.
- 5.2.1.2. a member/applicant is convicted by a court of competent jurisdiction of a felony or any crime involving moral turpitude.
- 5.2.2. Members/applicants shall not:
 - 5.2.2.1. misrepresent their affiliation with the Society.
 - 5.2.2.2. issue any misleading or inaccurate statement that gives the appearance of representing the official position of the Society.
- 5.2.3. Members/applicants shall:
 - 5.2.3.1. report known violations of this code to the ASTEE President.
 - 5.2.3.2. cooperate fully with any official investigation.

5.3. PROFESSIONALISM

- 5.3.1. Members/applicants shall:
 - 5.3.1.1. be independent, impartial, detached, and objective, approaching all examinations with due diligence and an open mind.
 - 5.3.1.2. conduct full and fair examinations. Conclusions are based on the evidence and reference material relevant to the evidence, not on extraneous information, political pressure, or other outside influences.
 - 5.3.1.3. be aware of their limitations and only render conclusions that are within their area of expertise and about matters which they have given formal consideration.
 - 5.3.1.4. honestly communicate with all parties (the investigator, prosecutor, defense, and other expert witnesses) about all information relating to their analyses, when communications are permitted by law and agency practice.
 - 5.3.1.5. maintain confidentiality by releasing information or classified law enforcement information only to authorized personnel as commanded by their state law, agency policy, and agency practices.
 - 5.3.1.6. carry out duties in such a manner to inspire confidence in the public.
 - 5.3.1.7. make efforts to inform the court of the nature and implications of pertinent (e.g., exculpatory) evidence if reasonably assured that this information will not have been disclosed to the court.
 - 5.3.1.8. report to the appropriate legal or administrative authorities unethical, illegal, or scientifically questionable conduct of other forensic employees or managers.
 - 5.3.1.9. report conflicts between their ethical/professional responsibilities and applicable agency policy, law, regulation, or other legal authority, and attempt to resolve them.
 - 5.3.1.10. not accept or participate in any case on a contingency fee basis in which they have any other personal or financial conflict of interest or an appearance of such a conflict.
 - 5.3.1.11. when re-examining work done by another, insist that information as to the type of previous work is available in order to determine if significant changes in condition of the material might have occurred.

- 5.3.1.12. perform in good faith and not maliciously when serving an attorney in an advisory capacity regarding the interrogation of another expert who may be presenting testimony. Its purpose is to prevent incompetent or misleading testimony but not to harass a witness or thwart justice.

5.4. COMPETENCY AND PROFICIENCY

5.4.1. Members/Applicants shall:

- 5.4.1.1. have a responsibility to keep themselves up to date, but also bring to the attention of others new ideas, problems encountered, and other pertinent information. This includes apparent flaws in existing or new procedures.
- 5.4.1.2. be properly trained and determined to be competent through testing prior to undertaking the examination of the evidence.
- 5.4.1.3. honestly, fairly, and objectively administer and complete regularly scheduled:
 - 5.4.1.3.1. relevant proficiency tests;
 - 5.4.1.3.2. comprehensive technical reviews of examiners' work; and
 - 5.4.1.3.3. verifications of conclusions.
- 5.4.1.4. give utmost care to the treatment of any samples or items of potential evidentiary value to avoid tampering, adulteration, loss, or unnecessary consumption.
- 5.4.1.5. use appropriate controls and standards when conducting examinations and analyses.
- 5.4.1.6. use methodology currently accepted in the field. New techniques shall be thoroughly validated before use.

5.5. CLEAR COMMUNICATIONS

5.5.1. Members/applicants shall:

- 5.5.1.1. accurately represent their education, training, experience, and area of expertise.
- 5.5.1.2. present accurate and complete data in reports, testimony, publications, and oral presentations.
- 5.5.1.3. make and retain full, contemporaneous, clear, and accurate records of all examination, tests conducted, and conclusions drawn, in sufficient detail to allow meaningful review and assessment of the conclusions by an independent person competent in the field.
- 5.5.1.4. prepare reports in which facts, opinions, and interpretations are clearly distinguishable, and which clearly describe limitations on the methods, interpretations, and opinions presented when the limitations affect the significance of the conclusion.
- 5.5.1.5. neither form conclusions nor render opinions which are beyond their area of expertise. This is not intended to discourage exploration into new areas, but statements of opinions are to be based on adequate knowledge.
- 5.5.1.6. not alter reports or other records or withhold information from reports for strategic or tactical litigation advantage.
- 5.5.1.7. support sound scientific techniques and practices and will not use their positions to pressure an examiner or technician to arrive at conclusions or results that are not supported by data.

- 5.5.1.8. use terminology such that it is easily understood by the court and/or jury, when appropriate.
- 5.5.1.9. testify to results obtained and conclusions reached only when they have confidence that the opinions are based on good scientific principles and methods.
- 5.5.1.10. maintain fair and impartial interactions with appointed legal counsel when requested.
- 5.5.1.11. give equal access to results, conclusions, and the basis for any opinions to duly appointed legal counsel assigned to the litigation, as allowed by law and/or administrative rules.
- 5.5.2. If a question is put to the expert with the requirement that they should give a simple answer (i.e., yes or no), but it requires qualifications to avoid misleading the judge or jury, the expert should so state before answering the question.

5.6. ADDENDUM

- 5.6.1. This Code was developed through the review of codes of ethics utilized by other Forensic Science related organizations. The majority of the above content was borrowed in entirety or in part from the following organizations:

American Academy of Forensic Sciences (AAFS)

American Board of Criminalistics (ABC)

ANSI National Accreditation Board (ANAB)

California Association of Criminalists (CAC)

California Association of Toxicologists (CAT)

International Association for Identification (IAI)

Mid-Atlantic Association of Forensic Scientists (MAAFS)

Midwestern Association of Forensic Scientists (MAFS)

Northwest Association of Forensic Scientists (NWAFS)

Southern Association of Forensic Scientists (SAFS)

Society of Forensic Toxicologists (SOFT)

Southwestern Association of Forensic Scientists (SWAFS)