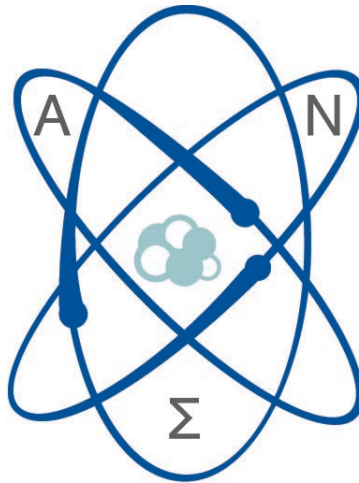




# American Nuclear Society

## Alpha Nu Sigma National Honor Society



Alpha Nu Sigma Society

National Honor Society for Nuclear Science and Engineering

**CONSTITUTION**  
(updated June 2011)

# CONSTITUTION OF THE ALPHA NU SIGMA NATIONAL HONOR SOCIETY

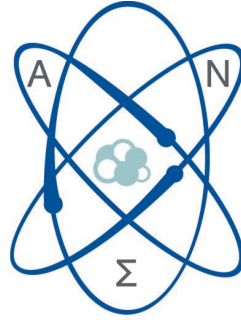
## Article I. NAME, MOTTO AND SYMBOL

### Section 1.

The name of this honor society shall be the Alpha Nu Sigma National Honor Society, an affiliate society of the American Nuclear Society.

### Section 2.

The motto of the Alpha Nu Sigma National Honor Society shall be **Αλκή νεογένονεν διά Σοφία** meaning, "ENERGY NEWLY BORN THROUGH WISDOM."



Alpha Nu Sigma Society

### Section 3.

The symbol of the Alpha Nu Sigma National Honor Society shall consist of three ellipses representing electron orbits surrounding a nucleus of protons and neutrons. The letters A, N, and  $\Sigma$  shall be superimposed as shown below. This symbol shall appear on Membership certificates and on charters for local chapters.

## Article II. OBJECTIVE

The objective of the Alpha Nu Sigma National Honor Society shall be to recognize high scholarship, integrity, and potential achievement in applied nuclear science and nuclear engineering among outstanding students by means of membership in the Society.

## Article III. NATIONAL ORGANIZATION

### Section 1.

The Alpha Nu Sigma National Honor Society shall be affiliated with the American Nuclear Society. The Headquarters Office of the American Nuclear Society shall act as the Secretariat for the Alpha Nu Sigma National Honor Society.

### Section 2.

The Board of Directors of the Alpha Nu Sigma National Honor Society shall be the Executive Committee of the Education, Training and Workforce Development Division of the American Nuclear Society.

### Section 3.

The President shall be elected by the Board of Directors of the Alpha Nu Sigma National Honor Society and shall serve for a two-year term.

### Section 4.

The Vice President/President Elect shall be elected by the Board of Directors of the Alpha Nu Sigma National Honor Society and shall serve for a two-year term.

**Section 5.**

The Executive Secretary shall be appointed by the Board of Directors of the Alpha Nu Sigma National Honor Society and shall serve for a three-year term.

**Section 6.**

The Treasurer shall be appointed by the Board of Directors of the Alpha Nu Sigma National Honor Society and shall serve for a three-year term.

**Section 7.**

Applications for charters for local chapters shall be submitted to the American Nuclear Society Headquarters for review by the Officers of the Alpha Nu Sigma National Honor Society. If deemed acceptable, the applications will be forwarded to the Board of Directors of the Alpha Nu Sigma National Honor Society for review. After their approval of an application for a local chapter, a charter shall be issued by the Executive Secretary of the Alpha Nu Sigma National Honor Society. Local chapters shall be designated by state followed by a Greek letter, for example, Alabama – Alpha Chapter, Alabama – Beta Chapter, etc. of the Alpha Nu Sigma National Honor Society.

**Section 8.**

The Executive Secretary of the Alpha Nu Sigma National Honor Society shall maintain a file of all active chapters of the Society. The charter of a local chapter may be rescinded for good cause by majority vote of the Board of Directors on the recommendation of the Officers of the Alpha Nu Sigma National Honor Society. A period of inactivity for three calendar years by a local chapter shall constitute good cause for termination of that chapter.

**Section 9.**

The Treasurer shall review all financial accounts of the Society and shall submit an annual financial report to the Board of Directors. Initiation fees for new chapters and national membership fees for new members shall be established by the Board of Directors in consultation with the Officers of the Alpha Nu Sigma National Honor Society and the Executive Director of the American Nuclear Society.

**Section 10.**

Only those institutions of higher learning which have a student section of the American Nuclear Society may be granted a charter for a local chapter of the Alpha Nu Sigma National Honor Society.

**Article IV. LOCAL OFFICERS**

**Section 1.**

The Elected Officers of the Alpha Nu Sigma National Honor Society shall be the President, the Vice President and the Secretary/Treasurer of the chapter. The Officers shall be elected annually at the beginning of the fall term. The term of the Officers shall be nominally one year, beginning within one week after the election. The uncompleted term of an Officer who vacates the position between annual elections shall be filled as determined by a majority vote of the Alpha Nu Sigma National Honor Society student membership. Positions must be filled within two weeks of the notification of vacancy.

**Section 2.**

Officers should be elected from a slate of at least two nominations. All nominees shall be student members of the Alpha Nu Sigma National Honor Society.

**Article V. DUTIES OF THE LOCAL OFFICERS**

**Section 1.**

The President shall represent the interests of the chapter of the Alpha Nu Sigma National Honor Society and shall have administrative authority over all matters of the Society. He or she shall also be responsible (with the administrative assistance of the Faculty Advisor) for the election of new initiates at the beginning of each academic term.

**Section 2.**

The duty of the Vice President shall be to preside in the absence of the President and to otherwise assist him in administration of the Society.

**Section 3.**

The duty of the Secretary shall be to maintain the necessary records of the chapter. The Office of Secretary may be combined with that of the Treasurer.

**Section 4.**

The duty of the Treasurer shall be to manage the financial affairs of the chapter.

**Section 5.**

The name of the Faculty Advisor shall be submitted with the application for a chapter charter. The Faculty Advisor must be a member of the national American Nuclear Society and is encouraged to be a member of the Alpha Nu Sigma National Honor Society. If a new Faculty Advisor is named, the Secretary of the local chapter shall notify the Executive Secretary of the Alpha Nu Sigma National Honor Society. The duty of the Faculty Advisor shall be to assist the Local Chapter Officers in the election of new initiates, in the election of Local Officers and in other appropriate ways. The Faculty Advisor may also serve in the same role for the student section of the American Nuclear Society.

**Article VI. MEMBERSHIP SELECTION CRITERIA****Section 1.**

Candidates for membership in the Alpha Nu Sigma National Honor Society must be enrolled in a program to pursue an academic degree in an applied-nuclear-science, nuclear-engineering, or nuclear-engineering-option curriculum. They must meet specific class-ranking criteria within a peer group. At the option of the local Alpha Nu Sigma National Honor Society Chapter, peer group may be defined in one of the following two ways: (1) all students of equal classification in an academic department or equivalent administrative unit; or (2) all students of equal classification in an academic college or equivalent administrative unit.

Juniors shall be eligible if they rank in the top quarter of their peer group. Seniors shall be eligible if they rank in the top third of their peer group. Graduate students must also be in the top third of their peer group to become members-elect.

Faculty members shall also be eligible for membership in the Alpha Nu Sigma National Honor Society.

**Section 2.**

Distinguished Faculty Member honor is a level of membership used by Alpha Nu Sigma National Honor Society Chapters to recognize distinguished local nuclear engineering educators. Criteria which will be considered to evaluate nominations include: specific accomplishments having impact on nuclear science and engineering education, and as demonstrated through authored textbooks and/or technical publications. Distinguished Faculty Membership can only be approved by the National Officers of the Alpha Nu Sigma National Honor Society.

**Section 3.**

Honorary membership may be awarded to individuals who have made exemplary contributions in the field of nuclear science and engineering that have had seminal permanent impact nationally or internationally. Honorary memberships can only be approved by the Board of Directors of the Alpha Nu Sigma National Honor Society.

**Article VII. MEMBERSHIP ELECTION PROCEDURES****Section 1.**

The officers of the Local Alpha Nu Sigma National Honor Society Chapter together with the Faculty Advisor shall be responsible for elections. The chapter shall elect the Alpha Nu Sigma National Honor Society membership nomination committee from among the members of the chapter. The President shall preside over the membership nominating committee. Membership shall be offered to the nominees following approval by a majority of the current local membership of the Society, based only upon the selection criteria specified in Article VI and the objectives of the Alpha Nu Sigma National Honor Society as stated in Article II.

**Section 2.**

Elections shall be held in the fall and/or spring of each school year.

**Section 3.**

The initiation fee shall cover the expenses of a membership certificate prepared and distributed by the national headquarters' office. An insignia pin will be offered at an additional cost. An additional fee for local chapters shall be established by the Officers of the local chapter to cover the costs of the initiation ceremony. Any excess of local initiation fees shall be given to the treasury of the local student section of the American Nuclear Society or to any project approved by the officers of the Alpha Nu Sigma National Honor Society.

**Section 4.**

For institutions having student chapters of the Alpha Nu Sigma National Honor Society, the Faculty Advisor shall submit every year a list certifying, for each nominee, that he or she has met the membership qualifications as described in Article VI, Section 1. This list shall be submitted to the Executive Secretary of the Alpha Nu Sigma National Honor Society.

**Section 5.**

Nomination and supporting documentation for Distinguished Faculty Membership must be prepared by the chapter and forwarded under the signature of the Chapter Officers and the Faculty Advisor to the Alpha Nu Sigma National Honor Society Executive Secretary for presentation and approval by the National Officers. Each nomination package will be unique, but typically it will emphasize the educational, research, and service contribution of the faculty member. Each chapter is allowed to nominate up to two faculty members per year for this honor.

**Section 6.**

Recommendations for Honorary Members shall be submitted to the Executive Secretary for review by the Officers of the Society. If deemed acceptable, the recommendations will be transmitted to the Board of Directors who must approve each application for honorary membership by a two-thirds majority. Local chapters may nominate no more than two Honorary Members each year and no more than ten Honorary Members each year may be nominated at large; at large nominations must be made by the National Officers acting together. A certificate prepared by the national organization shall be presented to each Honorary Member.

**Article VIII. AMENDMENTS TO THE CONSTITUTION**

Proposed amendments to the Alpha Nu Sigma National Honor Society Constitution shall be forwarded to the Society National Executive Secretary for review by the National Officers. After review by the National Officers, comments on all proposed amendments shall be solicited from the Chapter Officers and Faculty Advisors of all the local Society Chapters. The proposed amendment along with background, National Officer recommendation and local chapter comments shall be forwarded to the Society Board of Directors for disposition. The constitution of the Alpha Nu Sigma National Honor Society may be amended by a three-quarter or more of the total membership of the Board of Directors votes in favor of the proposed amendment.

**Article IX. RETROACTIVE MEMBERSHIP**

Retroactive membership in the Alpha Nu Sigma National Honor Society may be granted to those members of any local chapter of a nuclear engineering honor society which existed prior to the national organization of the Alpha Nu Sigma National Honor Society. Applications for retroactive membership must be filed by the Faculty Advisor of the local honor society chapter.

**Article X. COMMITTEES****Section 1.**

The Board of Directors shall appoint a standing Committee on Constitution and Bylaws. The President and Vice President/President Elect shall serve ex officio as members of the standing committee.

**Section 2.**

The Board of Directors shall appoint a standing Committee on Finance. The Treasurer shall serve ex officio as a member of the standing committee.

**Section 3.**

The Board of Directors shall appoint other ad hoc committees as deemed appropriate.

## **AMENDMENTS TO THE CONSTITUTION**

Certain amendments were made to the constitution prior to 2010 as the society grew as evidenced in the Presidents' notes following this section. Additional amendments:

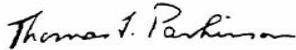
June 2011 – A proposed amendment was approved by the ETWDD Executive Committee to reflect the change in name from “Alpha Nu Sigma Society” to “Alpha Nu Sigma National Honor Society.”

June 2011– A proposed amendment was approved by the ETWDD Executive Committee to codify the constitution amendment process. Article VIII reading: “The constitution of the Alpha Nu Sigma Society may be amended by a three-fourths vote of the total membership of the Board of Directors” was replaced with current language.

**HISTORICAL PERSPECTIVES ABOUT ALPHA NU SIGMA NATIONAL HONOR SOCIETY  
BY PRIOR HONOR SOCIETY PRESIDENTS**

Organization of a society for outstanding students in applied nuclear science and nuclear engineering has been discussed for at least the last five years. Lacking a national society, several universities initiated local honor societies. In November 1978 Professor John R. Lamarsh, Chairman of the Education Division of the ANS, appointed an Ad Hoc Committee to draw up a constitution for a society. Members of this committee included H J. Donnert, D. R. Edwards, J. B. Smathers and T. F. Parkinson, Chairman. On June 5, 1979, the Ad Hoc Committee submitted the Constitution for the Alpha Nu Sigma Society which was approved by the Education Division and, subsequently, by the Board of Directors of the American Nuclear Society.

June 25, 1979



Thomas F. Parkinson, President (1979-81)

In June 1982, Alpha Nu Sigma reached its third anniversary with 17 chapters and 320 members. As the Society has grown and matured, the officers found it necessary to recommend changes and additions to the original Constitution. These were reviewed and unanimously approved by the Board of Directors of Alpha Nu Sigma on June 7, 1982. All these changes are incorporated into this amendment to the Constitution. I hope it will adequately serve the needs of our Society and its current and prospective membership for several years to come.

June 30, 1982



M. J. Ohanian, President (1981-83)

At the end of 1985, Alpha Nu Sigma had grown to 23 chapters and 920 members. As activities of individual chapters evolved, the need became apparent for an appropriate format of special recognition to be bestowed on distinguished faculty members by their local chapters. In response, the officers proposed to amend the membership selection criteria by adding the new category of Distinguished Faculty Member. This proposal was reviewed and approved by the Board of Directors of Alpha Nu Sigma on November 11, 1985.

January 1, 1986



Hermann J. Donnert, President (1986-87)

The Alpha Nu Sigma Society has progressed a long way from June 5, 1979 when the ad hoc committee submitted the first constitution to be approved by the ANS Education Division and subsequently by the ANS Board of Directors. On the occasion of its eleventh anniversary, the Alpha Nu Sigma Society is now a mature Society which has grown to include 26 chapters with a total membership of 1,480 in December 1990. This membership includes 23 members at the Honorary member level and another eight members at the relatively new Distinguished Faculty Member level initiated in 1986. As well, this membership includes all those members who have graduated and are now in the workforce. During my two-year tenure as the sixth President of Alpha Nu Sigma, I have witnessed continued growth of the Society in all categories; I am particularly pleased that we have chapters at nearly all campuses with major nuclear engineering programs and am looking forward to continued growth with special emphasis on the honorary and distinguished faculty member categories.

December 12, 1990



William G. Vernetson, President (1989-91)

Nuclear Engineering departments across the country are experiencing a great resurgence in student populations these days. Accompanying the increase in student numbers and accomplishments is a renewed interest from their faculty in honoring the students' achievements.

The current emphasis on Alpha Nu Sigma chapter reactivation and applications from schools to form new chapters is reinvigorating the Society. There are now 23 chapters and over 2,000 members, with further increases anticipated. Consistent with this resurgence in nuclear engineering education, the Board of Directors has provided minor updates to the Alpha Nu Sigma Constitution to better serve the current and future needs of the members. We have high hopes for further growth of the Society and of our students and the support that Alpha Nu Sigma will provide.

March 4, 2005



Karen Vierow, President (2004-2006)



