



American Nuclear Society
Honors and Awards Committee

PROCEDURES MANUAL

Revised June 2019

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INTRODUCTION

A well-recognized honors and awards program is a key attribute of any highly respected technical/professional society. Currently with over 45 awards the American Nuclear Society (ANS) has a vigorous program to honor outstanding achievement and meritorious service in the various fields served by the Society. While all these awards come under the general purview of the Honors and Awards (H&A) Committee, the administration of each award is the responsibility of the Committee and/or another ANS group as summarized in this manual.

This Honors and Awards Procedure Manual is intended to meet the following objectives:

1. Provide an overview and description of all the awards administered by the ANS.
2. Assist the Society and the H&A Committee to meet the goals of the awards program and to administer the program consistent with the Society's goals and long range plans.
3. Specify the rules and criteria regarding eligibility, nomination and selection procedures of qualified candidates for each Society award.

The manual provides guidance to members of the H&A Committee in discharging their responsibilities. Moreover it serves as a reference for the Corporate Officers, the Board of Directors as well as the chairs and officers of the Divisions, Local Sections and other groups within the ANS.

CHARTER OF THE H&A COMMITTEE (ANS RULE 3.3.12)

The Honors and Awards Committee shall administer a program for advancement of qualified candidates to Fellow grade, encourage and assist individuals and groups undertaking to sponsor candidates, and supervise the preparation of diplomas for presentation. This Committee shall also be responsible for establishing and granting other awards described in the procedures, in recognition of accomplishments within the field of nuclear science and engineering, or allied fields, and of meritorious service to the Society.

BYLAWS AND RULES DEFINITION OF COMMITTEE MEMBERSHIP

This Committee shall be composed of not fewer than six(6) and no more than fifteen(15) Fellows, Members, Emeritus, or Honorary Life Members, each appointed for a three (3) year term , with the terms of approximately one-third(1/3) of the members expiring at the close of each Annual Meeting. At least one (1) of the appointed members shall be a non-U.S. resident.

CONFLICT-OF-INTEREST POLICY

To ensure that Honors and Awards Committee members are not exposed to any real or perceived conflict of interest issues during their tenure on the Committee, the following policy is in effect:

- An Honors and Awards Committee member may not be nominated for any ANS national award including national awards administered by divisions (that is any award listed in the Honors and Awards Procedures Manual).
- An Honors and Awards Committee member may not be a sponsor of a nomination nor write a supporting letter for a nominee.

To ensure that Corporate Officers are not exposed to any real or perceived conflict of interest issues during their tenure as an Officer, the following policy is in effect:

- Corporate Officers may not be nominated for any ANS national award which is evaluated by the Corporate Officers. Such awards include Distinguished Public Service, Distinguished Service and Seaborg.
- Corporate Officers may not be a sponsor of a nomination nor write a supporting letter for a nominee of the awards listed above.

To ensure that the Board of Directors are not exposed to any real or perceived conflict of interest issues during their tenure on the Board, the following policy is in effect:

- A Board of Directors member may not be nominated for any ANS national award which is evaluated by the Board of Directors. Such awards include Fellow and Nuclear Historic Landmark.
- A Board of Directors member may not be a sponsor of a nomination nor write a supporting letter for a nominee of the awards listed above.

CONFIDENTIALITY INFORMATION STATEMENT

ANS has the professional obligation to insure that a nominee's personal information submitted to the Honors and Awards Committee will be treated in strict confidence. To allow for fair and accurate evaluation of nominee qualifications, information is collected via Honors and Awards nomination forms, letters in support of nominations and related documents. These documents may include personal information such as birth dates, contact information, employment history and biographical data. **This information must be held in strict confidence by ANS staff, Honors and Awards Committee members and any other individuals who become privy to such information. Moreover, information regarding nominees, nominators, and committee deliberations are not to be discussed with individuals outside the selection committees.**

Access to such information is restricted to individuals who need the information to determine eligibility and assess qualifications of award nominees for the sole purpose of selecting award recipients. **Any other use of information obtained for the nomination and selection process, including verbal, written, or electronic disclosure to others is strictly prohibited.**

PROPRIETARY INFORMATION STATEMENT

The American Nuclear Society provides its members and individuals in the fields of nuclear science, technology and engineering with a premier Honors and Awards Program. The ANS has an obligation to provide award nominees peace of mind in knowing that their personal information submitted to the Honors and Awards Committee will be treated in a confidential manner.

This proprietary information statement describes efforts that are to be taken by ANS staff, members of the Honors and Awards Committee and ANS members in general who may come in contact with an award nomination or a ballot package. We hope this statement will help you understand the purpose for which information is collected and shared.

To allow for fair and accurate evaluation of the qualifications of nominees, information is collected via ANS Honors and Awards nomination forms, letters in support of nominations and other documents. These documents may include personal information such as names, birth dates, contact information, personal achievements and employment history. This information is to be held in strict confidence by members of the ANS staff, Honors and Awards Committee and all other ANS members.

Nominators and the selected award recipient are notified by the Honors and Awards Committee Chair or ANS President of the selected recipient as soon as this information becomes known. Information regarding award nominees, nominators and committee deliberations are not to be discussed with individuals outside of the selection committee.

The ANS strives to protect information about award nominees and nominators. Access to such information is restricted to individuals who need such information to review eligibility and qualifications of award nominees for the sole purpose of selecting award recipients. Any other use of information gained through nomination or deliberation processes, including verbal, written or electronic disclosure to others is strongly discouraged.

AWARD NOMINATION FORM

There is a nomination form for each award available on the ANS website (www.ans.org/honors). This form must be downloaded and used with each nomination (see sample below).



ANS

AMERICAN NUCLEAR SOCIETY HONORS AND AWARDS NOMINATION FORM

Nomination for:
(Name of Award)

Due Date:

NOMINEE INFORMATION

Name:

Company or Institutional Affiliation:

Title or Position:

Address:

Telephone:

Fax:

E-mail:

Academic Background:

SUGGESTED CITATION (25 words or less)

NOMINATOR

Name:

Company or Institution Affiliation:

Title or Position:

Address:

Telephone:

Fax:

E-mail:

Signature of Nominator

Date

A letter of recommendation must be submitted with a narrative summary of 1,000 words or less of accomplishments in the field, a description of the significance of achievements, and period of activity. Also include a list of publications and a brief chronological resume. Letters of support (support letters recommended but not required, no more than five)

SEND NOMINATION FORM AND SUPPORTING DOCUMENTS (IN .PDF OR .DOC) BY THE DEADLINE TO:

E: honors@ans.org

Hard copies can be mailed to:

Honors and Awards / American Nuclear Society
555 N. Kensington Avenue
La Grange Park, IL 60526-5535



NATIONAL AWARDS DISTRIBUTION SCHEDULE

Established by the Honors and Awards Committee in 2012 – Revised June 2018

OPENING PLENARY

Awards Presented by ANS President

Annual Meeting

Fellow

Awards Presented by ANS H&A Chair

Annual Meeting

Walker Lee Cisler Medal

Mishima

Samuel Untermyer II Medal

Landis Young Member Engineering Achievement Special

Arthur Holly Compton in Education (ETWDD)

Walter H. Zinn Medal

Awards Presented by Others

Annual Meeting

Smyth Award (by NEI President/CEO (even year only))

Winter Meeting

Fellow

Winter Meeting

E. Gail de Planque Medal

Mary J. Oestmann

Young Members Advancement

Young Member Excellence

Alvin M. Weinberg Medal

Landis Public Communication & Education

Reactor Technology

Seaborg Medal

Dwight D. Eisenhower Medal (odd year only)

Standards Service

PRESIDENT'S SPECIAL SESSION

Awards Presented by ANS President

Annual Meeting

Presidential Citations

Outgoing President's Plaque of Appreciation

Distinguished Service

Distinguished Public Service

Leadership

Winter Meeting

Presidential Citations

Local Sections Meritorious Awards

PRINTED RECOGNITION

Annual Meeting

Scholarship Recipients

Alpha Nu Sigma Inductees

Local / Student Section Anniversaries (25/50 yr)

Winter Meeting

Seaborg Congressional Fellow

Nuclear Historic Landmark

Student Design Competition

DIVISION FUNCTION PRESENTATIONS

All of the following division-administered awards should be presented at a division function, unless the division chair requests prior approval from the H&A Committee Chair to present at either the Annual or Winter Meeting. Approval is subject to the current ANS President's itinerary.

W. Bennett Lewis (DESD)

Samuel Glasstone (ETWDD)

Robert L. Long Training Excellence (ETWDD)

Mark Mills (ETWDD)

Student Design Competition (ETWDD)

Edward Teller (FED)

Lifetime Achievement (FCWMD)

Significant Contributions (FCWMD)

H.M. Hashemian Mid-Career Award (HFICD)

Don Miller (HFICD)

Ted Quinn Early Career (HFICD)

Radiation Science and Technology (IRD)

Gerald C. Pomraning (MCD)

Theos J. Thompson (NISD)

George C. Laurence (NISD)

Meritorious Performance in Nuclear Operations (OPD)

Utility Leadership (OPD)

Utility Achievement (OPD)

Early Career Reactor Physicist (RPD)

Eugene P. Wigner Reactor Physicist (RPD)

Ray Goertz (RRSD)

Rockwell Lifetime Achievement (RPSD)

THD Technical Achievement

PROCEDURES FOR ESTABLISHING A NEW AWARD

Guidelines for Establishing a New Award – Adopted December 2002 – Revised May 2016

All proposals for new awards must be presented to the H&A Committee via its chair

American Nuclear Society awards fall into two categories:

1. awards sponsored and funded by ANS, and
2. fully-funded awards sponsored by ANS Professional Divisions, other professional organizations or individuals. All ANS awards are non-discriminatory and are to recognize professional achievements in areas of nuclear science and technology.

Establishing a New ANS Award

All new awards must conform to these basic requirements.

1. Sponsors should establish a formal proposal containing:
 - a. A sound financial plan to maintain the award in perpetuity:
 - i. \$15,000 is necessary to fully fund a \$500 annual monetary award component;
 - ii. \$20,000 is necessary to fully fund a \$1,000 annual monetary award component; or, a \$2,000 bi-annual monetary award component;
 - iii. \$40,000 is necessary to fully fund a \$2,000 annual monetary award component; or, a \$4,000 bi-annual monetary award component;
 - iv. \$60,000 is necessary to fully fund a \$3,000 annual monetary award component; or, a \$6,000 bi-annual monetary award component.
 - b. A set of guidelines for the award.
 - c. A set of procedures for administration of the award.
2. Memorial awards are considered when the person memorialized is a well-recognized leader, having established a name through his/her personal contributions to the field of nuclear science and technology. It is recommended that memorial awards be sponsored by an ANS Division to ensure adequate funding.
3. If an award is sponsored by a Division a single point of contact should be established within the Division. That person shall submit the formal proposal to the ANS Honors and Awards Committee Chair no less than sixty (60) days prior to the next national meeting.
4. If the proposal is deemed to have merit by the H&A Chair, the proposal will be distributed and discussed by the Honors and Awards Committee as a whole. The committee will review the proposal and determine if a recommendation for approval should be made to the Finance Committee and the Board of Directors.
5. The ANS Finance Committee will review the financial aspects of the proposal to ensure there are sufficient funds to establish and maintain the proposed award.
6. If approval is gained from the Finance Committee, the H&A and Finance Committee Chairs will agree upon presentation of the proposed award to the Board of Directors.
7. After approval from the Board of Directors, ANS Staff incorporates the award into the Honors and Awards Procedure Manual and creates a nomination form for the award. ANS Staff informs the Finance Department of the establishment of a new award and any changes regarding monetary components of awards.

PROCEDURES FOR REVISING AN EXISTING AWARD

Guidelines for Revising an Existing Award – Adopted November 2004

Revising an Existing Award

1. Ensure existing award complies with numbers one through three of “Establishing a New Award.”
2. If the proposed revisions are deemed to have merit by the Honors and Awards Committee Chair, the proposal will be distributed and discussed by the Honors and Awards Committee as a whole. The committee will review the proposal and determine if a recommendation for Finance Committee concurrence (monetary aspects only) and Board of Director approval shall be made.
3. The ANS Finance Committee will review the financial aspects of the proposal to ensure there are sufficient funds to establish and maintain the proposed changes to the award.
4. If concurrence is obtained from the Finance Committee, the H&A and Finance Committee Chairs will agree upon presentation of the proposed changes to the award to the Board of Directors.

After approval from the Board of Directors, ANS Staff will incorporate the changes into the Honors and Awards manual and nomination form (if needed). ANS Staff will inform the Finance Department of the changes made to the monetary components of the awards.

HONORS AND AWARDS VOTING PROCEDURES

Honors and Awards Voting Procedures- Adopted April 2013

The voting procedures shall be followed for national awards where the awardees are selected by the Honors & Awards Committee, unless an award description has a defined voting procedure. Nomination Ballots are e-mailed to Honors & Awards Committee members one month after the Award's deadline, giving Headquarters ample time to review each nomination packet. Committee members are given at least two weeks to return their ballots (either electronically, fax or by mail) to Headquarters for analysis.

The following procedures have been established to assist the H&A Committee in the balloting process.

Follow Procedure One if:

- The Award allows multiple recipients at a time
- The Award allows only one recipient at one time, and there is only one nominee.

Follow Procedure Two if:

The Award allows only one recipient at a time, and there are multiple nominees.

PROCEDURE ONE

1) For each candidate, each member of the voting committee shall select either:

- Yes
- No
- Abstain*

*it is appropriate to abstain when the voting member has a substantial conflict of interest – e.g., is related to the candidate, is now or has recently supervised the candidate, is now or has recently been supervised by the candidate, is now or has been a close collaborator, etc. Simply being employed at the same institution is generally not by itself sufficient to cause a conflict of interest. If the voting member is unsure whether a possible conflict is sufficient, he / she should discuss with the H&A Chair.

If the voting member selects either “no” or “abstain,” then it is required that a concise explanation is given on the ballot that contains enough content to justify the decision.

- 2) If there are specific voting criteria defined by the Award follow those criteria to determine if the nomination is successful.
- 3) Otherwise, the nomination is successful if **>65% of votes** cast (not counting abstentions) are positive (“Yes”).

PROCEDURE TWO

Assume there are “N” nominees.

If a voting member has a conflict-of-interest that would require abstaining* regarding *any* of the N nominees, then that voting member is excluded from participating in the *entire* process for this award. Immediately upon realization of the conflict-of-interest, the voting member should contact both the Chair of H&A and the Sub-committee chair so that a replacement voting member may be found.

Each member of the voting committee shall rank each nominee from 1 to N, with 1 being the most qualified, and N being the least qualified. In addition, the voting members are offered an option of indicating “Not Qualified (NQ)” for any of the nominees, in which case the remaining nominees will be ranked from 1 to something less than N.

A vote of NQ in this instance is equivalent to a vote of “no” in Procedure One. As in that instance, a vote of NQ requires a concise explanation on the ballot that contains enough content to justify the decision.

If one nominee was ranked **1 on >65% of the ballots**, then that nominee is the successful candidate and no further analysis is required.

If this is not the case, then additional analysis / voting is required as follows:

- 1) The total “score” for each nominee is arrived at by summing each voter’s rank for that nominee. NQ votes will be scored as N+1.
- 2) The two nominees with the lowest total score will move on to a second vote. If there is a tie such that more than two candidates have either the lowest or next-to-lowest score, the Sub-Committee chair will make a recommendation to the H&A Chair, who will make the final decision as to which two candidates move to second vote.
- 3) At the discretion of the subcommittee chair, there can be a teleconference prior to the second round of voting.
- 4) Each member of the voting committee shall rank the two remaining nominees either 1, 2, or NQ. [Note – for the case of N=2, this is the effective starting point for Procedure Two.]
- 5) If one nominee is ranked **1 on >50% of the votes cast**, then that nominee is the successful candidate.
- 6) If neither candidate receives >50% of “1” rankings the outcome is that no award will be presented.

SUMMARY OF RESPONSIBILITIES OF COMMITTEE MEMBERS

Approved by the Honors and Awards Committee 06-05-06

General

Membership on the ANS Honors and Awards Committee brings with it significant responsibility. Honoring members is one of the most important functions of the ANS. Selections must be made carefully, and the integrity of the process must be preserved at all times. To maintain the integrity of the selection process and to avoid conflict of interest issues, committee members may not participate in nominating or in any way support a candidate for awards that they participating in the selection.

The ANS Honors and Awards Committee is responsible for many but not all of the awards presented by ANS. These awards and their criteria are outlined in a variety of publications and at the ANS web site. For committee members the most important is the Honors and Awards Committee procedures manual.

Organization

All members of the committee participate in the selection of ANS Fellows, Distinguished Public Service, Distinguished Service, and Nuclear Historic Landmark awards. The Fellow and Landmark awards must be approved by the full Board. The Distinguished Public Service and Distinguished Services must be approved by the Corporate Officers only. For other awards subcommittees of the H&A Committee review the awards and make the selection(s). The subcommittees and their chairpersons are designated by the H&A Committee chairperson with an attempt to fairly distribute assignments by expertise and interest.

ANS Fellow Awards

ANS Fellow awards are the highest honor that the ANS can bestow on a member and it is expected that the award will be presented to only a small percentage of the membership. It is important that members of the committee keep this in mind and be selective in their recommendations. However, it is also important that the Society apply uniform standards to nominate eligible candidates and that qualified candidates be identified.

Accordingly, members of the committee and especially the chair should encourage nominations through the divisions and local sections of which they are a part. The H&A chairman has a special responsibility to work with the professional divisions committee to ensure that nominations are encouraged, that criteria and standards are understood, and that feedback from the divisions is considered.

It has been found that a teleconference among the H&A committee members to discuss impressions of the nominations and to ask questions about them is an important step in this process. The teleconference follows review of the nomination packages by each of the committee members where they form first impressions and develop questions to be explored. Following the teleconference, each member casts his/her own ballot independently (To preserve the integrity of the process, there is no attempt in the teleconference to reach a consensus on each candidate, only to share and clarify information, impressions and concerns). It is important that each nomination be evaluated independently based on the merits of that individual's documented track record; comparisons to other candidates must be avoided.

Nominees recommended by the H&A Committee are forwarded to the ANS Board of Directors for final approval. As a courtesy, following the final approvals the primary sponsor of unsuccessful nominees is notified by letter from the H&A committee chair. In some cases, this results in questions from the sponsors about reasons for the decision and advice about whether to submit a subsequent package and if so, how to improve it. All such correspondence should be handled by the H&A committee chair. It is important in such communication that the integrity and confidentiality of the selection process be maintained while also encouraging sponsors to improve the quality of submissions for qualified candidates.

Other Awards

As noted earlier, each of the H&A Committee members is assigned to subcommittees to coordinate selection of other awards, typically serving as chair of one and as a member of two others. A particular challenge for many of these awards is receiving sufficient numbers of nominations. It is important that each of the members of the subcommittee and especially the subcommittee chair, work through the appropriate ANS divisions and local sections to encourage nominations of qualified candidates. As always, integrity of the process should be maintained by avoiding suggestions that specific individuals be nominated but instead encourage division chairs and other responsible leaders to submit nominations. This often results in questions about an award, criteria for selection and recommendations for preparing the nomination package. This information can be found in materials prepared for and by the H&A Committee, as well as on the ANS web site.

Perhaps the most important activity of H&A Committee members is direct participation in the never ending process of personally making people aware of the many awards available in the Society and encouraging people to submit nominations. The diversity of backgrounds of people on the H&A committee is important for this reason, as well as for judging the nominations received.

Committee Meetings

H&A Committee meetings are held at each of the two national ANS meetings each year. It is important that committee members strive to attend these meetings. It is understood that not all members can participate directly and in such cases, it is important that a proxy be designated to ensure a quorum for important votes. Also, communication among committee members by email is important, facilitated by ANS staff and the committee and sub-committee chairs. As for all of the ANS committees, communication is key and it is the responsibility of members to participate fully.

Summary

Committee members have a responsibility to participate in all aspects of the awards process, including making key people aware of the awards and encouraging nominations. (The process of review and selection cannot be successful without an adequate number of qualified nominations).

Review and selection of nominations for awards must be conducted fairly and with integrity, relying on the diversity of backgrounds of committee members.

Feedback from the chair to those who have nominated people for awards is important to encouraging further nominations and to improving the quality of packages received. And finally,

to be effective it is important that all members communicate regularly at the ANS meetings and via teleconferences and email.

SUBCOMMITTEE CHAIR PROCEDURES AND RESPONSIBILITIES

Approved by the Honors and Awards Committee April 2016

The American Nuclear Society provides the Honors and Awards (H&A) Committee a staff liaison who works pro-actively with the committee to coordinate the receipt of nomination packets and balloting efforts. The H&A Chair also appoints committee members to subcommittees to evaluate each award. The Subcommittee Chair and all subcommittee members should not hesitate to contact the staff liaison at any time if questions or concerns arise. It is the function of ANS staff to facilitate the work of the Honors and Awards Committee.

The following is a list of responsibilities for the ANS staff liaison and appointed Subcommittee Chairs:

1. Once nominations are received at headquarters and the nomination deadline has arrived, the ANS staff liaison will send out the nomination packages to the subcommittee. The nomination package will include:
 - description of the award;
 - list of past recipients of the award;
 - ballot with instructions, for return to the Subcommittee Chair and a deadline;
 - nomination forms with supporting documents; and
2. Upon review of the packages, if any member of the subcommittee has concerns about the information, they are to contact the Subcommittee Chair and/or the staff liaison to discuss the possibility of a teleconference. If it is decided by the Subcommittee Chair to hold a teleconference, the ANS staff liaison will assist with coordination of the teleconference and provide all pertinent information to the subcommittee members.
3. Subcommittee Chair will work with the ANS staff liaison to ensure ballots are received in a timely manner. The ANS staff liaison will send out reminders to subcommittee members at the direction of the Subcommittee Chair.
4. Once all ballots are received, the Subcommittee Chair notifies the ANS staff liaison and Honors and Awards Committee Chair of the results.
5. The Subcommittee Chair submits all ballots to the ANS staff liaison to archive at headquarters. Preferably, ballots should be sent electronically to honors@ans.org. They may also be faxed to (708) 579-8283 or mailed to ANS headquarters.
6. Letters of notification are sent by the ANS staff liaison on behalf of the H&A Chair.
7. In some cases, nominators may have questions regarding results of the review. These inquiries are handled by the H&A Chair. The H&A Chair may request consultation with the Subcommittee Chair regarding feedback. Therefore, when a vote of “no” or “abstain” is received, it is critical that the subcommittee member who submitted this vote provide concise and clear comments of support.

GUIDANCE FOR LIAISONS TO PROFESSIONAL DIVISIONS

Introduction

The American Nuclear Society prides itself on its outstanding Honors and Awards program. One area that particularly stands out is the relationship created between members of the Honors and Awards Committee and the Professional Division Executive Committees. This liaison work will increase the Professional Divisions' awareness of the Honors and Awards Committee and program.

In order to recognize the changing nature of liaison work the ANS has developed the following guidelines.

Purpose

This document is intended to help Honors and Awards members identify ANS Division members in various areas of nuclear science and technology and to suggest ways these individuals can work together. This document, in addition to the *Guidelines for Establishing a New Award*, will assist Honors and Awards Committee members as they work with divisions to identify individuals to nominate or establish new Division-sponsored awards as needed.

Definition of Liaison Work

1. Liaison work enables Professional Division members to increase their knowledge and awareness of Society's Honors and Awards Program. This work will also provide greater knowledge and understanding for the ANS Honors and Awards Committee of the division's internal awards and those processes.
2. Liaison work includes identifying division honors and awards needs and providing guidance to divisions as they establish new division-administered awards.
3. Liaison work is the ongoing process by which Honors and Awards Committee members involve members of the ANS Professional Divisions in identifying and nominating individuals for ANS national awards.

Liaison Work with Professional Divisions

Honors and Awards Committee liaisons educational background, interests and professional experience should reflect the interests and needs of the targeted divisions as much as possible.

Liaisons to Professional Divisions should recognize that each division's Honors and Awards needs vary based on the size of the division membership, the establishment of a division Honors and Awards Committee and the number of division awards.

It is advisable that Professional Divisions should have an Honors and Awards portfolio which includes a purpose, description and procedure for each division award. If a division does not have a portfolio, Honors and Awards Liaisons can assist in drafting such a document, if desired. The national Honors and Awards Procedures Manual can be used as a guide.

Liaisons should involve their division in the national Honors and Awards Program as much as possible in order to ensure that the division is aware of the scope of the honors and awards available. Communication with Division Chairs, Vice-Chairs and members of the Executive Committee, either in person, by telephone or through email will assist the liaison in identifying Division concerns in a timely fashion.

Professional Divisions should be encouraged to utilize their websites to promote division-administered awards. If a division does not have its own website, ANS can host or link the division website through the Professional Division Committee, allowing professional divisions to promote their awards to members on the web.

AWARD SUMMARY - NATIONAL

Award Name	Type of Award	Presented
Administered by the H&A Committee and Board of Directors (BOD) or Corporate Officers(CO)		
Fellow (w/BOD)	Framed Certificate	Annual / Winter Meetings
Distinguished Public Service (w/CO)	Plaque	Annual Meeting
Distinguished Service (w/CO)	Plaque	Annual Meeting
Nuclear Historic Landmark (w/BOD)	Plaque	Onsite
Seaborg Medal (w/CO)	Bronze Medal 3"	Winter Meeting
Administered by the H&A Committee		
Walker Lee Cisler Medal	Brass Medal 3"	Annual Meeting
Leadership	Plaque	Annual Meeting
Mishima	Plaque and \$1,000 monetary award	Annual Meeting
Special	Plaque and \$1,000 monetary award	Annual Meeting
Alvin M. Weinberg Medal	Brass Medal 3" and \$2,000 monetary award	Winter Meeting
Landis Young Member Engineering Achievement	Plaque and \$2,000 monetary award	Annual Meeting
Samuel Untermyer II	Bronze Medal 3" and \$2,500 monetary award	Annual Meeting
Administered by the H&A Committee and/or other ANS Groups		
Darlene Schmidt Science News Awards (Communications Committee)	\$1,500 travel expenses	Odd years – Winter Meeting
Dwight D. Eisenhower Medal (w/NNPD)	Brass Medal 3"	Odd years – Winter Meeting
Walter H. Zinn Medal (w/OPD)	Brass Medal 3"	Annual Meeting
E. Gail de Planque Medal (w/Diversity & Inclusion Committee)	Brass Medal 3" and \$5,000 monetary award	Winter Meeting
Mary Jane Oestmann Women's Achievement (w/Diversity & Inclusion Committee)	Plaque and \$1,000 monetary award	Winter Meeting
Landis Public Communication & Education (w/Communications Committee)	Plaque and \$1,000 monetary award	Winter Meeting
Standards Service (Standards Board)	Plaque	Winter Meeting
Local Section Meritorious (Local Sections Committee w/ETWDD)	Certificate and \$1,200 monetary award divided among recipients	Winter Meeting
Young Members Advancement Award (w/YMG)	Plaque	Winter Meeting
Young Member Excellence Award (w/YMG)	Plaque	Winter Meeting
Administered by the H&A Committee and Non-ANS Groups		
Henry DeWolf Smyth Nuclear Statesman (w/NEI)	Brass/Bronze Medal 4"	Annual Meeting
Reactor Technology (w/AESJ)	Plaque and \$2,000 monetary award	Winter Meeting
Administered by the ANS Corporate Officers and HQ		
Governance	Certificate	Annual Meeting
Presidential Citation	Plaque	Annual / Winter
Silver	Certificate	Onsite
Gold	Certificate	Onsite
Octave Du Temple	Plaque and \$500 monetary award	Winter Meeting

AWARD SUMMARY – DIVISION-ADMINISTERED

Award Name	Type of Award	Presented
W. Bennett Lewis (DESD)	Plaque and \$1,000 monetary award	Winter Meeting
Arthur Holly Compton (ETWDD)	Plaque and \$2,000 monetary award, plus \$2,000 monetary award to institution	Annual Meeting
Samuel Glasstone (ETWDD)	Certificate and \$1,200 monetary award divided among recipients	Annual Meeting
Robert L. Long Training Excellence (ETWDD)	Plaque and certificate	Winter Meeting/CONTE
Mark Mills (ETWDD)	Plaque and \$500 monetary award	Winter Meeting
Student Design Competition (ETWDD)	Certificate and \$1,000 travel support	Winter Meeting
Edward Teller (FED)	Silver Medal 2" and \$2,000 monetary award	varies
Lifetime Achievement (FCWMD)	Plaque	Annual Meeting
Significant Contributions (FCWMD)	Plaque	Annual Meeting
H.M. Hashemian Mid-Career Award (HFICD)	Plaque and \$500 monetary award	Annual Meeting
Don Miller Award (HFICD)	Plaque	Annual Meeting
Ted Quinn Early Career (HFICD)	Plaque and \$500 monetary award	Annual Meeting / NPIC-HMIT
Radiation Science and Technology (IRD)	Plaque and \$2,000 monetary award	Winter Meeting
Gerald C. Pomraning (MCD)	Plaque and \$1,000 monetary award	Even years -varies
George C. Laurence Pioneering (NISD)	Plaque and \$1,000 monetary award	varies
David Okrent Award for Nuclear Safety (NISD)	Plaque	Annual Meeting
Theos J. (Tommy) Thompson (NISD)	Plaque and \$1,000 monetary award	Annual Meeting
Meritorious Performance in Nuclear Operations (OPD)	Plaque	Annual Meeting
Utility Leadership Award (OPD)	Plaque	UWC
Utility Achievement Award (OPD)	Plaque	UWC
Early Career Reactor Physicist Award (RPD)	Plaque and meeting registration	Annual Meeting / PHYSOR
Eugene P. Wigner Reactor Physicist (RPD)	Plaque	Winter Meeting
Rockwell Lifetime Achievement (RPSD)	Plaque and \$500 monetary award	Winter Meeting
Ray Goertz (RRSD)	Plaque and \$2,500 monetary award	Even years- topical
Technical Achievement Award (THD)	Plaque and \$1,000 monetary award	Winter Meeting

AWARDS ADMINISTERED BY THE H&A COMMITTEE AND BOARD OF DIRECTORS OR CORPORATE OFFICERS

ANS FELLOW GRADE

Description

The ANS Grade of Fellow is an honorific membership grade conferred only on ANS members for outstanding accomplishment in any one of the areas of nuclear science and engineering. The award is an individual recognition which consists of a certificate and elevation to the grade of Fellow on the Society's membership roll. Announcement of those individuals who are being elevated to Fellow grade is made periodically, but not more than twice per year. Recognition of the new Fellows and presentation of their certificates by the President of the Society is made at the opening plenary at the national meetings of the Society.

Background

The grade of Fellow was established to recognize outstanding work by ANS members in one or more of the disciplines or fields of nuclear science and engineering. The elevation of Fellow is made only when, in the opinion of the ANS Board of Directors, the individual's accomplishments entitle him/her to that distinction.

Eligibility for nomination to Fellow is as prescribed in ANS Bylaw B.3(a). The honor of receiving the highest membership grade of the Society is reserved for senior members of good reputation who shall (1) be at least 35 years of age, (2) have served as an active voting member of the Society for a period of at least five continuous years immediately prior to nomination, and (3) have compiled a professional record of experience marked by significant contribution to the advancement of one or more of the various disciplines served by the Society. The worthiness of a given candidate for advancement to Fellow is determined by official review and assessment of submitted credentials and qualifications; hence, nominators should take due care in determining the eligibility of the candidate and preparation of the nomination package.

Consideration for promotion to Fellow results only after nomination by one principal sponsor and no less than five but not more than seven other sponsors, five of which must be Fellows, Members, Lifetime Members, Emeritus Members, or Honorary Life Members of the Society. Sponsors of a given candidate should be broadly dispersed geographically as well as by institution. Only one sponsor is desired from the home institution of the nominee. ***A minimum of one of the six to eight nominators must be a Fellow of the Society.*** Those six to eight individuals, who act as sponsors of the nomination, must have personal knowledge of the candidate's qualifications and contributions toward the objectives of the Society. Nomination shall be made on a designated form. *R3.3.12(a) Members of the Board of Directors and the Honors and Awards Committee are not eligible for nomination as Fellows during their terms of service. In addition, members of the Honors and Awards Committee shall not nominate, sponsor, nor endorse ANS members for Fellow grade during their terms of service.* The nomination must include sufficient data and information to substantiate the importance of the candidate's accomplishments, permit evaluation by both the Honors and Awards Committee and the Board of Directors, and warrant issuance of the citation and conferring of the honor.

Selection Method

Nominations for Fellows are submitted to the Honors and Awards Committee in a nomination package available from ANS Headquarters. The Honors and Awards Committee evaluates the nominations and makes recommendations on each to the ANS Board of Directors. The committee's recommendations are developed by means of a ballot prepared on behalf of the Honors and Awards Committee Chair by ANS Staff when an appropriate number of nominations have been received. *Nominations must receive positive votes from a majority of the total membership of the committee, and no more than twenty percent (20%) of the voting members casting negative votes to receive a positive recommendation to the Board of Directors for*

promotion to Fellow. Following the evaluation by the Honors and Awards Committee, those nominees with positive recommendations are submitted on a written ballot to each member of the Board of Directors. R3.3.12(c) *Election is by a majority vote of the total membership of the Board of Directors. However, if more than fifteen percent (15%) of the Board cast a negative vote, the candidate will be disqualified.*

A nomination rejected because of excessive negative votes may be resubmitted for reevaluation within two years from the original submission date. Nominators should revise the nomination material before they are submitted for reevaluation. If the candidate is not approved on the second ballot, a new nomination may not be submitted for evaluation in less than five years from the resubmission date.

The deadline for receipt of nominations is March 1 and August 1.

Fellow Grade Schedule

By March 1 or August 1, nomination forms for promotion to ANS Fellow grade are received at ANS Headquarters. ANS Staff screens each nomination to verify the following:

- Nominee is a current ANS member, and has served as an active voting member for a period of at least five continuous years immediately prior to nomination,
- Nominee is at least 35 years of age,
- One principal sponsor and no less than five but not more than seven other sponsors have signed page 2 or 3,
- One principal sponsor and no less than five but not more than seven other sponsors have submitted supporting letters,
- The principal sponsor and five other sponsors must hold ANS Fellow or member grade,
- One sponsor must be an ANS Fellow.

By March 10 or August 10, ANS Staff prepares and distributes a ballot to the Honors and Awards Committee on behalf of the Chair. **On the tenth business day following the ballot, a teleconference will be held by the members of the Honors and Awards Committee prior to the conclusion of the individual voting.**

By March 15 or August 15, ANS Staff notifies the H&A Committee the dial-in information for the Committee teleconference.

By April 10 or September 10, on behalf of the Honors and Awards committee Chair, ANS Staff tabulates the Honors and Awards Committee votes. In order to receive a positive recommendation to the Board of Directors for promotion to Fellow Grade, nominations must receive positive votes from a majority of the total membership of the Honors and Awards Committee, and the number of negative votes must not exceed twenty percent (20%) of the Honors and Awards Committee voting membership. ANS Staff forwards the results to the Honors and Awards Committee Chair for approval.

Immediately upon approval, but no later than April 20 or September 20, a ballot is prepared and distributed to the ANS Board of Directors on behalf of the Honors and Awards Committee Chair. The nomination packet on each candidate is provided to the Board with the ballot.

The ANS Board of Directors votes on those individuals who have been recommended by the Honors and Awards Committee for promotion to Fellow grade.

By May 15 or October 15, ANS Staff tabulates the votes by the Board of Directors. In order to be promoted to Fellow, each nominee should receive a majority of affirmative votes of the

current membership of the Board of Directors, and the total number of negative votes may not exceed 15% of the current Board of Directors membership. ANS Staff forwards the new Fellow citations to the Honors and Awards Committee Chair for review, and both the Honors and Awards Committee and the Board of Directors are notified of the names of the new Fellows at that time. Upon approval of the citations by the Honors and Awards Committee Chair, citations are published in the H&A program at the ANS meetings.

On behalf of the ANS President, ANS Staff prepares and distributes letters of congratulations to the successful nominees and informs them of the program and schedule for the presentation of their certificates.

On behalf of the Honors and Awards Committee Chair, ANS Staff prepares and distributes letters notifying each candidate's principal sponsor of the results.

The Honors and Awards Committee Chair conducts a periodic review of those candidates previously rejected by either the Honors and Awards Committee or the Board of Directors during the two to four year period subsequent to their rejection. For those who have not been approved by the Committee or the Board, the Chair may recommend that the sponsors submit a new updated package. If the candidate is not approved on this second ballot, the nomination is no longer valid.

Nominations for promotion to Fellow grade can be made at any time. However, there will only be two balloting periods as a maximum during the calendar year. The H&A Chair schedules the ballots each year in concert with the national meeting schedules to permit preparation of certificates for the successful candidates and the inclusion of their names and citations in the H&A program. Recognition of the new Fellows is made and their certificates are presented at the opening plenary at each national meeting of the Society.

GUIDELINES FOR MOST SIGNIFICANT CONTRIBUTION QUALIFICATION FOR FELLOW CANDIDATES

Approved by the H&A Committee – 10/31/2011

Candidates for ANS fellow must have acknowledged scientific, engineering and leadership attainments and must have advanced the science or art of nuclear technology by very significant contributions in one of the following five categories.

The below comments are intended to assist the primary sponsor to complete the nomination form items and does not replace that form.

Notable original research or invention in the nuclear field

A summary of key peer reviewed archival journal publications which clearly document the original contribution and its significance; a summary of career highlights together with the sponsor letters from experts in the field of the candidate identifying the significance of the original contribution.

Scientific or technical leadership in a nuclear enterprise of substantial scope

A summary of the specific unique leadership role played by the candidate and the national recognition accorded the candidate as a result, by their peers as documented in the sponsor letters. Where appropriate include peer reviewed publications by the candidate that relate to their

scientific/technical leadership role. The specific nuclear enterprise and its significance must also be clearly identified.

Outstanding leadership as a teacher in the nuclear field

In this context “outstanding leadership” should be demonstrated by unique contributions to nuclear science and engineering education on a national scale via textbook authorship and/or a new educational tool/technique documented as being adopted widely within the national education community. A corollary documentation requirement is a summary of peer reviewed archival journal publications in the candidate’s field of expertise.

Outstanding leadership in design, construction or operations in the nuclear power or other-related field

A summary of the specific and unique leadership contributions made by the candidate in the areas of design, construction or operation of nuclear power plants or nuclear facilities that are nationally recognized by their peers and documented in the sponsor letters. It is important to illustrate how these contributions have made an important positive and well recognized impact in the candidate’s area of expertise. The achievement should have applicability for the overall success of the nuclear industry.

Outstanding efforts in the areas of nuclear health, safety and regulation

A summary of the candidate’s nationally recognized unique specific contributions in one or more of these areas. The significance of these must be documented in the peer sponsor letters. Where appropriate include peer reviewed publications that further demonstrate the relevant accomplishments.

International Contributions

Where appropriate the international aspects/relevance of a candidate’s contributions should be documented for one of the relevant categories listed above. It is desirable (but not required) for one of the six to eight sponsor letters to come from a cognizant international person.

ANS activities

It is important to note that while involvement in ANS activities is a desirable attribute, it is not a deciding factor in the evaluation of the candidate. There are other ANS awards to recognize a member’s governance and similar contributions to the Society.

SEE ADDENDUM FOR PREVIOUS RECIPIENTS

DISTINGUISHED PUBLIC SERVICE AWARD

Description

The Distinguished Public Service Award was established in 1963 to recognize and honor a public servant who has demonstrated leadership in energy policy formulation and public enlightenment, and has made significant contributions for the betterment of mankind in the national and international sphere of public service. The recipient is likely to be an individual in an elective or appointive position of government, an international agency, or other related public chartered organization. The recipient will be expected to present a brief acceptance address that could be published by the national news media. Nominees need not be ANS members.

The award is an appropriate plaque presented by the President of the Society at the President's Special Session at the ANS Annual Meeting.

Background

There is no predetermined frequency or time for presentation of the award. Rather, recommendations for consideration for the award may be sent to the ANS Executive Director at any time. Each award is an ad hoc consideration and may be based on a single specific outstanding activity or a record of sustained outstanding contribution to the Society. A significant consideration in the administration of the award is to maintain its prestige and significance in the Society's stable of awards.

Selection Method

The criteria for this award are quite broad and general and cannot be applied as a rigid standard to any one individual. The award is a suggestive award and each nomination is considered on the basis of the individual's merits and contributions.

Recommendations made to the Executive Director are presented to the Honors and Awards Committee, where they are evaluated. The nominee must receive a majority of the total membership's positive votes, with no more than twenty percent of the Honors and Awards Committee voting in the negative to be recommended for the award. A positive recommendation by the Honors and Awards Committee is then forwarded to the ANS Corporate Officers for their vote.

The deadline for receipt of nominations is March 1.

SEE ADDENDUM FOR PREVIOUS RECIPIENTS

DISTINGUISHED SERVICE AWARD

Description

The ANS Distinguished Service Award is an honorific award for members who have contributed in an outstanding manner to the vigor of the Society or who have made outstanding non-technical contributions to the nuclear field. Such contributions might include development and understanding or extension of the goals and policies of the Society, outstanding leadership in and for the Society, or for outstanding non-technical contributions to the Society's aims in any area.

The award is an appropriate plaque presented by the President of the Society at the President's Special Session at the ANS Annual Meeting.

Background

This award was first instituted in 1963 to recognize outstanding non-technical contributions to the Society by members in any area. There is no predetermined frequency or time for presentation of the award. Rather, recommendations for consideration for the award may be sent to the ANS Executive Director at any time. Each award is an ad hoc consideration and may be based on a single specific outstanding activity or a record of sustained outstanding contributions to the Society. A significant consideration in the administration of the award is to maintain its prestige and significance in the Society's stable of awards.

Selection Method

The criteria for this award are quite broad and cannot be applied as a rigid standard to any one individual. The award is a suggestive award and each nomination is considered on the basis of the individual's merits and contributions.

Recommendations made to the Executive Director are presented to the Honors and Awards Committee, where they are evaluated. The nominee must receive a majority of the total membership's positive votes, with no more than twenty percent of the Honors and Awards Committee voting in the negative to be recommended for the award. A positive recommendation by the Honors and Awards Committee is then forwarded to the ANS Corporate Officers for their vote.

The deadline for receipt of nominations is March 1.

SEE ADDENDUM FOR PREVIOUS RECIPIENTS

NUCLEAR HISTORIC LANDMARK AWARD

Description

The Nuclear Historic Landmark Award identifies and memorializes sites or facilities where outstanding physical accomplishments took place that were instrumental in the advancement and implementation of nuclear technology and the peaceful uses of nuclear energy.

The Historic Event or Activity must have successfully provided an essential contribution to, or basis for, subsequent peaceful application of nuclear technology or nuclear energy, and been a first of a kind, or provided a significant new departure.

The Nuclear Historic Landmark Award recognizes facilities that were placed in service 20 or more years ago. The designations of these sites are indicated by an engraved bronze plaque for display at or near the original sites, and a citation letter is also presented.

Background

The first awards were selected in 1985 in groups by the Honors and Awards Committee. Beginning in 1988, the committee only considered nominations from outside the committee.

Selection Method

Nominees are evaluated by a subcommittee of the Honors and Awards (H&A) Committee only in response to nominations. Favorable H&A recommendations are forwarded to the Society's Board of Directors for approval. Newly designated Nuclear Historic Landmark sites are recognized at the ANS Winter Meeting.

The nominations should contain a clear identification of the project and/or facility by its correct name, and an appropriate short statement of the project and/or facility, accompanied by a lengthy explanation of its place in nuclear history.

Nominations may be submitted by Society members, technical divisions, or local sections. The nominations should be addressed to the Chair, ANS Honors and Awards Committee.

The Honors and Awards Committee's favorable recommendations are forwarded to the Society's Board of Directors for approval. Newly designated Nuclear Historic Landmark sites are recognized at the ANS Winter Meetings.

The designation of these sites is symbolized by an engraved bronze plaque for display at or near the original sites. The plaque is presented by an official representative of the Society at an appropriate ceremony. A citation letter is also presented for broader recognition within the Society.

The deadline for receipt of nominations is August 1.

SEE ADDENDUM FOR PREVIOUS RECIPIENTS

SEABORG MEDAL

TOP TIER AWARD

Topic: Research in Science or Engineering

Description

The Seaborg Medal is an award to be made to an individual in recognition of outstanding scientific or engineering research achievements associated with the development of peaceful uses of nuclear science. This award is to recognize and honor excellence worthy of international recognition sustained over a period time. The award consists of an engraved medal. It is to be made no more frequently than once per year and is normally conferred during the Winter Meeting of the Society.

Background

The award was established in 1983 to provide high-level recognition for sustained technical accomplishments contributing to peaceful uses of atomic energy. It is funded out of general Society revenues.

Selection Method

Nominations for candidates for the award are invited by announcement in *ANS News* and an open call for nominations to all ANS members.

The nominations are made with a full letter of recommendation which includes a narrative summary of about 1,000 words of accomplishments in the field, a description of the significance of achievements and period of activity, an appended list of publications, and a brief chronological resume. Nominees may be from any nation, but they must not be deceased at the time the awardee is selected and need not be ANS members. The selection of the awardee is made by a committee appointed by the Honors and Awards Committee chair from distinguished ANS members and others with special knowledge and competence in the development and applications of the peaceful uses of nuclear energy. The committee must have at least five members. If the committee determines that there is no candidate of sufficient merit, the committee may recommend that the award not be made in that year.

The selection committee reviews the nominations and makes a selection which is forwarded to the ANS Corporate Officers for their approval.

The deadline for receipt of nominations is August 1.

SEE ADDENDUM FOR PREVIOUS RECIPIENTS

AWARDS ADMINISTERED BY THE H&A COMMITTEE

WALKER LEE CISLER MEDAL

Description

The Walker Lee Cisler Medal is an award to be made to an individual in recognition of outstanding scientific or engineering research achievement or the management associated with the design, development, or deployment of fast reactor technologies. This award is to recognize and honor excellence in engineering leadership and management, and achievements worthy of international recognition sustained over a period of time. The award consists of an engraved medal. It is to be made no more frequently than once per year and is conferred normally during the Annual Meeting of the Society.

Background

The award was established in 1991 to honor Walker Lee Cisler and to provide international recognition to leadership and achievements associated with the design, development, or deployment of fast reactor technologies. It is funded by monies solicited by Overseas Advisory Association, Inc.

Selection Method

Nominations for candidates for the award are invited by announcement in *ANS News* and an open call for nominations to all ANS members.

The nominations are made with a full letter of recommendation, which includes a narrative summary of about 1,000 words of accomplishments in the field, a description of the significance of achievements and period of activity, an appended list of publications, and a brief chronological resume. Nominees may be from any nation, but they must not be deceased at the time the awardee is selected. The nominee need not be an ANS member. The selection of the awardee is made by a subcommittee (of at least five members) appointed by the Chair, Honors and Awards Committee.

The subcommittee reviews the nominations and makes their recommendation to the Chair of the Honors and Awards Committee. If the committee determines that there is no candidate of sufficient merit, the committee may recommend that the award not be made in that year.

The deadline for receipt of nominations is March 1.

SEE ADDENDUM FOR PREVIOUS RECIPIENTS

LEADERSHIP AWARD

Description

The ANS Leadership Award consists of an engraved plaque, which is presented to an ANS member for outstanding and sustained service to ANS in the areas of leadership, governance, or direction of the ANS. The award is normally presented during the Annual Meeting of the Society.

Background

This award is primarily intended to recognize the services of members of the governance committees of ANS. The ANS Leadership Award was established to recognize substantial contributions over a prolonged period of time. This recognition is made when, in the opinion of the Honors and Awards Committee, the duration and significance of the candidate's contributions warrant that distinction. The nomination must include a list of all ANS positions held, and a detailed account of outstanding leadership, governance or direction. The nature and significance of the activity and the role of the nominee must be briefly described.

The nomination must be endorsed by three sponsors (Fellows, Members, Lifetime Members, Emeritus Members, or Honorary Life Members of the Society), who are knowledgeable about the candidate's contributions to the Society.

Selection Method

Nominations for the ANS Leadership Award are submitted to the Honors and Awards Committee. Election is by a majority vote of the Honors and Awards subcommittee. Multiple awards are possible in a year when exceptionally qualified individuals are nominated.

The deadline for receipt of nominations is March 1.

SEE ADDENDUM FOR PREVIOUS RECIPIENTS

MISHIMA AWARD

Description

The Mishima Award is an award to be made to an individual in recognition of outstanding contributions in research and development work on nuclear fuel and materials. The award consists of a plaque and a monetary award of \$1,000. It is to be made no more frequently than once per year and is normally conferred during the Annual Meeting of the Society.

Background

The award was established in 1991 and honors Dr. Mishima Yoshitsugu, professor at the University of Tokyo. It is funded by a monetary contribution from Dr. Mishima.

Selection Method

Nominations for candidates for the award are invited by announcement in *ANS News* and by mail to the ANS Board of Directors, various ANS Division and Committee Chairs, and other appropriate individuals.

The nomination should include a narrative summary of 300 to 500 words explaining why the proposed candidate qualifies and should be considered for the award. The significance and implications of his or her contribution to research and development work on nuclear fuel and materials should be included in the statement. Copies of relevant patents and/or referred journal articles may be included as attachments. Nominees need not be ANS members and may be from any nation, but they must not be deceased at the time the awardee is selected. The Chair, Honors and Awards Committee, appoints a subcommittee of the Honors and Awards Committee and, as appropriate, one member from each of the Isotopes and Radiation and Materials Science and Technology Divisions to evaluate the nominations and select the awardee.

The selection committee reviews the nominations and makes their recommendation to the Chair of the Honors and Awards Committee. If the Committee determines that there is no candidate of sufficient merit, the committee may recommend that the award not be made in that year.

The deadline for receipt of nominations is March 1.

SEE ADDENDUM FOR PREVIOUS RECIPIENTS

SPECIAL AWARD

Description

The Special Award is an annual award consisting of a plaque and a monetary award of \$1,000. The Board of Directors selects a different topical area for the award each year on the recommendation of the Honors and Awards Committee. The award is normally conferred during the Annual Meeting of the Society to the outstanding nominee in that specific area of work.

Background

The Special Award was established in 1962 and has been awarded each year when eligible candidates are nominated and selected. The topics for the awards have come from the many varied areas of nuclear science and engineering fostered by the Society. The monetary award is provided from the general funds of the Society.

Selection of the topics should continue to reflect the wide variation of subjects in which ANS members are prominent contributors. Future awards should be made in areas different from those in which previous Special Awards have been given. The award topic should be of timely interest to the Society and should reflect current Society affairs and activities. The topic should not be tailored to suit a particular individual or team who would undoubtedly receive that award.

With the extensive collaboration on many projects by groups of people ranging from two or three up to several, nominations of teams or small groups can be expected and are certainly appropriate for many areas that might be selected for the award. Possible restrictions of the nominees for the award to individuals or to small groups are left to the discretion of the Honors and Awards Committee. Nominees must be living and need not be members of ANS.

Selection Method

The criteria for selection of an award for the ANS Special Award is left up to the judgment of the Honors and Awards Committee. The basic criteria for the selection of an awardee can generally be outlined as follows:

- Candidate has exhibited, in the past, truly outstanding work in the topic area.
- The candidate is held in high esteem among his peers in his field of endeavor.
- The candidate's work has exhibited great significance and relevance to the field chosen.

The topic for the Special Award should be announced as early as possible. The announcement of the award includes a nomination form, which is to be submitted to the ANS Headquarters. The nominations are then sent to a selection committee appointed by the Chair of the Honors and Awards Committee. This selection committee may be the Honors and Awards Committee as a whole or may be a subcommittee appointed by the Honors and Awards Committee Chair. The selection committee evaluates the nominations and determines the awardee.

The deadline for receipt of nominations is March 1.

SEE ADDENDUM FOR PREVIOUS RECIPIENTS

ALVIN M. WEINBERG MEDAL

Description

The Alvin M. Weinberg Medal is an award to be made to an individual in recognition of outstanding international technical and policy leadership in nuclear science and technology, and for consistently and effectively illuminating the human dimensions of the nuclear enterprise. The awardee must have demonstrated such achievements over a sustained period of several years. The award consists of an engraved medal, certificate and a monetary award of \$2,000. It is to be made no more frequently than once per year and is conferred normally during the Winter Meeting of the Society.

Background

The award was established in 1995 to honor Alvin M. Weinberg and to provide international recognition for contributions to the understanding of the social implications of nuclear technology. It is funded by monies from the Vietnamese-American Scholarship Fund and PAI Corporation on the occasion of Dr. Weinberg's 80th birthday.

Selection Method

Nominations for candidates for the award are invited by announcement in *ANS News* and an open call for nominations to all ANS members.

The nominations are made with a full letter of recommendation, which includes a narrative summary of about 1,000 words describing accomplishments in the field, a description of the significance of achievements and period of activity, an appended list of publications, and a brief chronological resume. Nominees may be from any nation, but they must not be deceased at the time the awardee is selected. Nominees need not be an ANS member. The selection of the awardee is made by a subcommittee (of at least five members) appointed by the Honors and Awards Committee Chair.

The subcommittee reviews the nominations and makes their recommendation to the Chair of the Honors and Awards Committee. If the committee determines that there is no candidate of sufficient merit, the committee may recommend that the award not be made in that year.

The deadline for receipt of nominations is August 1.

SEE ADDENDUM FOR PREVIOUS RECIPIENTS

LANDIS YOUNG MEMBER ENGINEERING ACHIEVEMENT AWARD

Description

The Landis Young Member Engineering Achievement Award recognizes young individual members (*early career professionals or students*) for outstanding achievement in which engineering knowledge has been effectively applied to yield an engineering concept, design, safety improvement, method of analysis or product utilized in nuclear power research and development or commercial application. The purpose of the award is to recognize outstanding engineering contributions by young members of the Society and encourage engineering excellence among the young membership. Hence, the award is restricted to members of the Society who are under 40 years of age at the time of nomination. The award emphasizes the vital part played by young members in the future of nuclear science and technology and the American Nuclear Society.

The award may be presented to one or more individuals at the Annual Meeting of the Society. It consists of a plaque, \$2,000 monetary award, and compensation for travel expenses incurred in attending the award presentation.

Background

The Young Member Engineering Achievement Award was established in 1980 and was originally funded by the ANS Organization Members. In 2005, the award was renamed after John W. Landis, ANS Fellow, Past President and Founding Member in response to a \$20,000 contribution to the fund in his honor.

Selection Method

Nominations for candidates for the award are invited by announcement in ANS News and an open call for nominations to all ANS members.

The criteria for the award are outstanding engineering contributions, which may be one significant project or a sustained effort in multiple projects. The contributions should involve the application of engineering knowledge to achieve an innovative outcome or a significant advancement in a technological area.

Nominations must include the completed nomination form accompanied by the following supporting documents:

- A letter of recommendation from the nominator
- A narrative summary of about 1,000 words, including accomplishments, period of activity, and significance of achievements
- A list of publications (if applicable)
- A brief chronological resume
- Letters of support (support letters recommended but not required; no more than five)

The selection is made by a subcommittee (seven members) appointed by the Chair of the Honors and Awards Committee. If the Committee determines that there is no candidate of sufficient merit, it may recommend that the award not be made that year.

The deadline for receipt of nominations is March 1.

SEE ADDENDUM FOR PREVIOUS RECIPIENTS

SAMUEL UNTERMYER II MEDAL

Description

The American Nuclear Society established the ANS Samuel Untermyer II Medal to recognize pioneering work in the development of safe, water-cooled nuclear power reactors. The award consists of an engraved bronze medal and a monetary award of \$2,500. The award is to be made no more frequently than once per year and is to be conferred normally during the Annual Meeting of the Society.

Background

The award was established in 2004 to honor Samuel Untermyer II and to provide recognition of pioneering work in the development of safe, water-cooled nuclear power reactors. The award is funded by a gift to ANS made upon Samuel Untermyer's death.

Selection Method

Nominations for candidates for the award are invited by announcement in *ANS News* and an open call for nominations to all ANS members.

The nominations are made with a full letter of recommendation, which includes a narrative summary of about 1,000 words stating accomplishments in the field, a description of the significance of these achievements and period of activity, an appended list of publications, and a brief chronological resume. Nominees may be from any nation, but they must not be deceased at the time the awardee is selected. The nominee need not be an ANS member. The selection of the awardee is made by a subcommittee (of at least five members) appointed by the Chair of the Honors and Awards Committee.

The subcommittee reviews the nominations and makes their recommendation to the Chair of the Honors and Awards Committee. If the Committee determines that there is no candidate of sufficient merit, the Committee may recommend that the award not be made in that year.

The deadline for receipt of nominations is March 1.

SEE ADDENDUM FOR PREVIOUS RECIPIENTS

AWARDS ADMINISTERED BY THE H&A COMMITTEE
AND/OR OTHER ANS GROUPS

DARLENE SCHMIDT SCIENCE NEWS AWARD

Description

The Darlene Schmidt Science News Award seeks out journalists and science writers who demonstrate keen effort to report on the work of professionals in nuclear science and technology fields. Nominees should have published a single long-form article (more than 700 words), multiple short articles, or a video of no more than five minutes, pertaining to any of the fields represented by ANS technical divisions and working groups. This bi-annual award acknowledges an accurate, innovative, and well-researched science-related media story, or portfolio of stories, readily accessible to the general public. It seeks to draw the public's attention to quality media coverage related to science, technology, engineering and math, including, but not exclusive to, nuclear applications.

The awardee(s) will be invited to the ANS Annual Meeting. Transportation and lodging will be provided up to \$1,500 for coach/economy airfare or ground transportation and parking*, up to two nights' hotel, and transportation to/from airports. Registration for the ANS Annual Meeting will be provided at no charge. *Ground transportation will be provided as mileage reimbursement based on the federal government rate at the time of travel and will require documentation of mileage from the recipient's home to the conference hotel. Receipts must be provided to ANS for expense reimbursement.*

Background

This award was established in 2017 by the Communications Committee and is named after former ANS staff member Darlene Schmidt, the first ANS staff member dedicated to outreach efforts on behalf of the Society, at the request of Roger W. Tilbrook (ANS member, and former interim executive director) who contributed \$25,000 in her memory.

Selection Method

Nominations are made using an online form. Individuals or organizations may nominate an article or video, or group of articles or videos, for consideration. Judges represent a balanced selection of ANS members who have experience as educators, media producers and science professionals, who bring knowledge about the media and scientific quality of written explanations. Judges will offer commentary about the winning entry, which will be released when the winner of the award is formally announced at the ANS Winter Meeting.

Qualifications

1. Entries must have been published or broadcast in print, online, or on the air by a media outlet intended for the general public. Articles in scientific or professional journals or exclusively for a scientific professional readership will not be considered.
2. To ensure relevancy of the award, articles must have been published within two years of nomination.
3. Entries may be authored by individual reporters or by more than one contributor to an individual piece or series.
4. No entry fee is required.
5. Nominations can be submitted by all ANS members or qualifying journalists who self-nominate. Permission from the author(s) or media outlet is not required. Nominees will be informed in advance of the award only if they are selected as finalists.
6. The selected honoree(s) should be available to attend at least one day of the ANS Annual Meeting and speak to nuclear professionals about the craft of reporting science news and/or their experience as a science journalist.

Selection Criteria

Submissions will be rated on a scale of 1 to 5 in each of the five categories below. Awards will be provided to the top-rated portfolio. In the case of a tie, the selection committee will conduct a run-off review. The judging criteria favors high-quality writing that is reliably sourced and researched, with a strong narrative and good use of scientific evidence to support talking points.

- Criteria 1—Creative Engagement: Writer adopts a non-technical tone and tells a creative, engaging story about science, technology, engineering and/or math subjects.
- Criteria 2—Audience Awareness: Writer’s overall article is clear and understandable to a nonscientific audience. Jargon is avoided or clearly explained.
- Criteria 3—Consistency: Writing demonstrates writer’s consistent quality and attention to scientific detail. Whether in a single long-form, in-depth piece or multiple short articles or videos, the author includes reliable sources with distinctive points of view and reinforces points with supporting data, facts or examples.
- Criteria 4—Content: Supporting scientific information such as tables and visuals are clearly presented and explained. Writer draws accurate conclusions from analyzed data.
- Criteria 5—Writing/Reporting: Readers/viewers find text or video well organized and logical, free of spelling and grammar errors.

The deadline for receipt of nominations is in September 15 (odd years only).

SEE ADDENDUM FOR PREVIOUS RECIPIENTS

DWIGHT D. EISENHOWER MEDAL

TOP TIER AWARD

Topic: Nuclear Policy and Non-proliferation

Description

The Dwight D. Eisenhower Medal is an award to be made to an individual in recognition of outstanding leadership in public policy for nuclear science and technology or outstanding contributions to the field of nuclear nonproliferation. This award is to recognize and honor excellence worthy of international recognition sustained over a period of time. The award consists of an engraved bronze medal. It is to be made no more frequently than once per year and is normally conferred during the Winter Meeting of the Society.

Background

This award was established in 2014 by the NNPD and is named after the late President Dwight D. Eisenhower, who played an instrumental role in nurturing the nuclear age to technical and political maturity. In June 2018, the NNPD and H&A committee agreed that the award should be elevated to a national Top Tier ANS award, from its current division-level status, and renamed the Dwight D. Eisenhower Medal.

Selection Method

Nominations are made using a standard nomination form. A minimum of three and maximum of seven sponsors are required, one of whom must be an ANS member. One sponsor shall be designated as the principal sponsor. The principal sponsor has the responsibility of (a) securing the required letters of recommendation from the other co-sponsors, (b) assembling the nomination package and (c) submitting it to ANS headquarters along with his or her own recommendation of the nominee by the deadline indicated in the call for nominations announcement. Sponsors of a given candidate should be dispersed geographically, and only one may be from the home institution of the candidate.

Evidence of the candidate's merit to receive the Eisenhower Medal shall be submitted in the form of written recommendations from the sponsors, specifying the candidate's outstanding accomplishments and contributions in nuclear public policy and/or the field of nuclear nonproliferation. The selection of the award is determined by critical review and assessment of submitted credentials and qualifications; hence, due care should be exercised in preparation of the nomination package. In the process of review and selection, emphasis is placed on excellence and beneficial impact of achievement in nuclear public policy and/or nuclear nonproliferation as evidenced by (a) outstanding original research, documented in refereed scientific journals or major publications and/or (b) recognized outstanding results achieved through leadership in nuclear public policy and/or nuclear nonproliferation, supported by the nomination letters.

The nominee must be living at the time of submittal but in certain exceptional cases a posthumous award could be made. A curriculum vitae along with a bibliography of major publications including documentation of participation in symposia and conferences may be attached.

Members of the NNPD Executive, Program and Honors & Awards Committees, the latter being the committee under whose purview the program has been initiated and is being conducted, are excluded as candidates for the Eisenhower Medal during their respective terms of office. They may, however, make nominations of others for the award.

In keeping with its elevation to a national Top Tier award, the ANS H&A Committee will administer the Eisenhower Medal, with input and participation by NNPD. In particular, NNPD will appoint up to three of the seven members on the subcommittee that reviews nominations and select the recipients.

The award fund will be funded by the Washington DC Local Section and NNPD.

The deadline for receipt of nominations is August 1.

SEE ADDENDUM FOR PREVIOUS RECIPIENTS

WALTER H. ZINN MEDAL

TOP TIER AWARD

Topic: Nuclear Technology

Description

The Walter H. Zinn Medal is an award to recognize an individual for outstanding contributions to the advancement or implementation of nuclear technology. It honors Walter H. Zinn, a pioneer in nuclear reactor development and the Society's first President. This award is to recognize notable and sustained technical contribution, leadership, or other service that has not been widely recognized. The award consists of an engraved medal. It is to be made no more frequently than once per year and is normally conferred during the Annual Meeting of the Society

Background

This award was established by the Operations Power Division in 1976 with the initial award to Walter Zinn for his many contributions to the development of nuclear power. Subsequent recipients have been selected by the Operations and Power Division Honors and Awards Committee to recognize individuals who have made outstanding contributions to nuclear power. In August 2018, the OPD and ANS H&A Committee elevated this award to a national Top Tier ANS award, and it was renamed the Walter H. Zinn Medal. Presentation of the award is made by the Chair of the Operations and Power Division at the Annual Meeting each year.

Selection Method

The ANS H&A committee will administer the Zinn Medal, with input and participation by OPD. OPD will appoint up to three of the seven members on the subcommittee that reviews nominations and select the recipients.

The deadline for receipt of nominations is March 1.

SEE ADDENDUM FOR PREVIOUS RECIPIENTS

E. GAIL DE PLANQUE MEDAL

Description

The E. Gail de Planque Medal recognizes exemplary accomplishments by a woman in the fields of nuclear science and engineering. The nominee does not need to be an ANS member but should be affiliated with the nuclear community in some manner. The award is administered by the Honors & Awards Committee and the Diversity and Inclusion in ANS Committee (formerly the Professional Women in ANS Committee). The award consists of bronze medallion engraved plaque and a monetary award of \$5,000 presented at the Winter Meeting of the Society. Funds for this award were donated by the E. Gail de Planque Trust in 2011.

Background

This award has been established in honor of the late E. Gail de Planque, former NRC commissioner and ANS president who achieved many firsts for women in nuclear science. Dr. de Planque was actively involved in a variety of organizations for the peaceful advancement of nuclear energy and was the recipient of several national awards in honor of her visionary leadership in nuclear science, including ANS Fellow, the Outstanding Woman Scientist of the Year award from the New York Metropolitan Chapter of the Association for Women in Science in 1991 and the ANS Henry DeWolf Smyth Award for Nuclear Statesmanship in 2003. Dr. de Planque served as a commissioner of the Nuclear Regulatory Commission and was later Director of the United States Department of Energy's Environmental Measurements Laboratory. Her strong scientific background was key in influencing and understanding public policy on nuclear and environmental issues.

Selection Method

This award is intended to recognize outstanding lifetime or singular achievements by women that have resulted in tangible benefits to the field of nuclear science and engineering. The award is to be given to a woman whose work in the field of engineering, education, research or public policy meets one or more of the following criteria:

- Outstanding technical leadership for work performed in her subject area (e.g., establishing a new curriculum)
- Leader of a major research, design, construction, or operations effort
- Accomplishment in the field of public policy affecting nuclear science and technology.

Nominations must include the completed nomination form accompanied by the following supporting documents:

- A letter of recommendation from the nominator
- A narrative summary of about 1,000 words, including accomplishments, period of activity, and significance of achievements
- A list of publications, patents and/or other evidence of accomplishments (as applicable)
- A brief chronological resume
- Letters of support (a minimum of 3 support letters required; no more than five)

The deadline for receipt of nominations is August 1.

SEE ADDENDUM FOR PREVIOUS RECIPIENTS

MARY JANE OESTMANN PROFESSIONAL WOMEN'S ACHIEVEMENT AWARD

Description

The Mary Jane Oestmann Professional Women's Achievement Awards recognize outstanding personal dedication and technical achievement by a woman for work she has performed in the fields of nuclear science, engineering, research or education. This award is made to recognize outstanding achievements by women who might not have the tenure or visibility to be considered for other awards of the Society.

The award is presented at the Annual Meeting of the Society. It consists of an engraved plaque, \$1,000 monetary award, and compensation for travel expenses incurred in attending the award presentation.

Background

The Standing Committee on the Role of Women in ANS established the Women's Achievement Award in 1988. It was approved by the Honors and Awards Committee and the Board of Directors in June 1990. This action was taken to fulfill a need to provide role models to students and younger members of the Society, as well as to stimulate greater interest and participation among female members.

Dr. Mary Jane Oestmann, an ANS Fellow, pledged \$25,000 in 2001 and her name was added to the title of the award.

Selection Method

The award is to be given to a woman whose work in the field of nuclear science, engineering, education or research meets the following criteria:

- Technical leadership for work performed in her subject area (i.e., she should have a key role in establishing a new curriculum, or have been instrumental in the success of a major research or design effort).
- This award may be given for lifetime achievement, or for a singular outstanding contribution to the technical community.
- The woman does not have to be a member of ANS, but she should be affiliated with the nuclear community in some manner and must be living at the time of nomination.

Nominations for candidates for the award are invited by announcement in ANS News and an open call for nominations to all ANS members.

Nominations must include the completed nomination form accompanied by the following supporting documents:

- A letter of recommendation from the nominator
- A narrative summary of about 1,000 words, including accomplishments, period of activity, and significance of achievements
- A list of publications (if applicable)
- A brief chronological resume
- Letters of support (support letters recommended but not required; no more than five)

The nominations are sent to a selection committee for evaluation and determination of the recipient. The selection committee consists of six (6) members- three (3) each from the Honors and Awards Committee and the Diversity and Inclusion in ANS Committee (formerly the Professional Women in ANS Committee). Their respective chairs will appoint these members. In addition, the Honors and Awards Committee chair will appoint a chair of the selection committee. The selection committee chair will have tie-breaking authority on all matters before the selection committee.

It is anticipated that the number of individual recipients each year should be limited to one, but special circumstances and considerations may result in no award.

The deadline for receipt of nominations is August 1.

SEE ADDENDUM FOR PREVIOUS RECIPIENTS

LANDIS PUBLIC COMMUNICATION AND EDUCATION AWARD

Description

Established in the name of John W. Landis, ANS Fellow, Past President and Founding Member, the Landis Public Communication and Education Award* was made possible by \$20,000 from his gift to the American Nuclear Society in 2004. It recognizes an individual who has rendered exceptional service to the Society's Outreach Program during a given year.

The Landis Public Communication and Education Award recognizes a person for outstanding efforts, dedication and accomplishment in furthering public education and understanding of the peaceful applications of nuclear technology. This may include outstanding communication in public venues as well as exceptional work done to inform teachers, students K-12 and other audiences in public education settings about nuclear science and technology applications and nuclear careers. This award is given to an individual who, over the course of the year, has made a significant impact in public education and communication. Both members and non-members including teachers, workshop leaders, and organizers and facilitators of other youth-oriented programs are eligible for this award which consists of a \$1,000 monetary award and an engraved plaque. The award is given during the ANS Winter Meeting.

Background

This award provides both an incentive and a reward for persons devoting their time and energy to improving the education of the public on nuclear matters. The ANS Outreach Program has served the public interest for more than 25 years. In the words of Mr. Landis, *"Outreach is one of the Society's major accomplishments, rooted in the vision, generosity, and unselfish service of thousands of members."*

Selection Method

The Landis Public Communication and Education Award is given to an individual who, over the course of the year, has made a significant impact in public education and communication. Nominations for candidates for the award are invited by announcement in *ANS News* and an open call for nominations to all ANS members. The nominee need not be an ANS member. Nominations are made with the completed ANS nomination form accompanied by narrative summary of about 1,000 words stating accomplishments, a description of the significance of these achievements, and if appropriate, an appended list of publications and a brief chronological resume.

The selection committee consists of seven (7) members – four (4) from the Honors and Awards Committee and three (3) from the Communications Committee, appointed by the respective chairs. The chair of the Honors and Awards Committee will appoint the chair of the subcommittee from one of the four members of that committee, with tie breaking authority on all matters before the selection committee. If the committee determines that there is no candidate of sufficient merit, it may recommend that the award not be made that year.

The deadline for receipt of nominations is August 1.

* This Award replaces the ANS Public Communication Award and the Public Education Program (PEP) Service Award.

SEE ADDENDUM FOR PREVIOUS RECIPIENTS

STANDARDS SERVICE AWARD

Description

Established in 1984, the ANS Standards Service Award recognizes outstanding achievement by individuals in the generation and use of ANS standards in the field of nuclear science and engineering. The purpose of the award is to identify and honor those individuals who have made significant contributions to the development of ANS nuclear standards accepted by recognized authorities as the most practical and appropriate criteria and methods to safely implement good working practices and responses to regulatory initiatives.

The award consists of an engraved plaque including the name of the recipient(s), the date the award was granted, and a formal citation of 50 words or less, serving as a basis for the award. The award may not be given more frequently than once a year, at the ANS Winter Meeting, but may be presented to more than one individual if merit warrants.

Nomination and Eligibility

Anyone can nominate worthy candidates for the ANS Standards Service Award. The nominees shall be current or past members of the ANS Standards Committee. The award need not be given in periods when qualified candidates are not submitted.

Selection Criteria

The award shall recognize significant contributions to the development, application, and management control of ANS standards. Areas to be considered in evaluating development include:

- identifiable tasks that resulted in enhanced standards,
- identifying the need for or the approach to be taken in developing a useful standard on a difficult or controversial topic,
- taking a leadership position in gaining consensus where agreement was particularly elusive, and
- setting technical criteria that reflect an unusually good balance among need, cost, and good engineering practice.

Administration and control of standards shall be judged by the timeliness of availability, the efficiency of the review and consensus process, or the typical duration between the start of a project and the publication of the standard. General acceptance shall be determined by the sales volume, the endorsement of standards by appropriate regulatory bodies, or the overall usefulness of the standard at the time it becomes available commensurate with industrial need.

The award shall recognize a sustained effort on the part of the recipient to attain the above standards of achievement as well as benefits accruing from the attainment well beyond the time when it was initially established.

The deadline for receipt of nominations is March 1.

SEE ADDENDUM FOR PREVIOUS RECIPIENTS

LOCAL SECTIONS MERITORIOUS AWARD

Description

The Local Section Meritorious Award consists of certificates, which are presented to the local sections of the ANS that have conducted the most worthwhile events; and have shown outstanding membership growth, participation, and administration during the award year. The certificates are presented at the Winter Meeting of the Society. The selected sections are required to give a presentation on their category at Local Section Workshop or LSC webinar.

Background

This award was established in 1971 by the Local Sections Committee to recognize outstanding events by the local sections. All official local sections of the Society are eligible for the award. As of 2019, the ANS Education, Training and Workforce Development Division has agreed to sponsor the monetary award (up to \$1,200 distributed amongst the recipients).

Selection Method

Local sections submit an annual report and a 1-2 page summary stating which award categories ([see Award Criteria](#)) the section wishes to be considered for. Sections may also submit supporting documentation that highlights the Section's most notable accomplishments from the past year.

These are evaluated by a subcommittee composed of individuals from the Local Sections Committee and ANS Education, Training and Workforce Development Division, which selects the awardees. The national Honors and Awards Committee may consult as appropriate.

The deadline for receipt of nominations is August 1.

SEE ADDENDUM FOR PREVIOUS RECIPIENTS

YOUNG MEMBERS ADVANCEMENT AWARD

Description

The Young Members Advancement Award recognizes an individual or group that has made a significant contribution towards integrating young members into ANS as a whole.

It is given to an individual or group that has increased membership or participation of young members, created leadership or experience opportunities for young members, trained or mentored young members, raised funding for young members, publicly supported the cause of young members, or taken other actions to get young members involved with ANS on a national level.

Special consideration is given to those whose actions have far-reaching effect, such as impacting large numbers of young members or setting a public example for young member outreach.

Nominees need not be Young Members Group members, ANS members or ANS-based organizations, but must be living at the time of selection.

The award consists of an engraved plaque and is presented at the ANS Winter Meeting.

Background

This award was established by the Young Members Group (YMG) in 2007 as a national award.

Selection Method

Nominations are submitted to the Young Members Group Honors and Awards Chair. The Honors and Awards Chair shall convene a selection committee made up of five to seven members including the Chair. The selection committee should have at least two representatives from the ANS national Honors and Awards Committee, and at least two representatives from the Young Members Group Executive Board. Members of the selection committee should be active with ANS governance at the national level, and should not have any conflict of interest with the candidates nominated for the award.

Nominations must include the completed nomination form accompanied by the following supporting documents:

- A letter of recommendation
- A narrative summary of about 1,000 words, including accomplishments, period of activity, and significance of achievements
- A list of publications (if applicable) or other relevant literature or evidence
- A brief chronological resume
- Letters of support (support letters recommended but not required, no more than five)

Guidelines for Selection

The recipient of the award best meets the following general selection criteria:

1. Promoted or increased membership of young professionals in the American Nuclear Society. This can include actively recruiting young professionals as well as encouraging student members to remain members of the Society as they transition from student to professional.

2. Increased the attendance level and participation of young members at technical meetings. This can include sponsorship or organization of technical sessions, non-technical sessions, and/or workshops geared to young members, as well as activities aimed at enlisting young members to chair sessions or submit papers.
3. Increased the participation of young members in other ANS Divisions or Technical Groups besides the Young Members Group. This can include creation of volunteer opportunities targeted to young members, an active recruitment program, or other activities.
4. Increased the participation of young members in ANS National Governance. This can include creation of governance opportunities targeted to young members, an active recruitment program, or other activities.
5. Created leadership or experience opportunities for young members, with emphasis given to opportunities within ANS.
6. Supported training or mentoring for young members, with emphasis given to opportunities within ANS.
7. Raised funding to benefit young members as they pursue ANS activities and involvement.
8. Publicly supported the cause of young members, or encouraged or supported others in the completion of activities such as those listed above.

These criteria should be given approximately equal weight when evaluating a candidate.

The deadline for receipt of nominations is August 1.

SEE ADDENDUM FOR PREVIOUS RECIPIENTS

YOUNG MEMBER EXCELLENCE AWARD

Description

The Young Member Excellence Award recognizes a young member who has demonstrated overall excellence in a variety of areas.

It is presented to a member of the Young Members Group who is involved with ANS on a national level, actively advances the goals of the ANS Young Members Group, displays outstanding non- technical skills as well as technical or managerial ability, is recognized by others in their field, demonstrates high quality and safety standards, and positively represents nuclear science and technology to the general population.

Emphasis is placed on well-rounded qualifications. Candidates with demonstrated excellence in many of the areas outlined above are preferred to candidates with outstanding qualifications in only one or two areas, who may be eligible for a different ANS award that specifically recognizes those achievements. (Note specifically that this award is different from the Landis Young Member Engineering Achievement Award, which is given to an individual who has made significant technical contributions.)

Emphasis is also placed on continuing excellence. Candidates with a demonstrated history of these qualities over several years are preferred to those with one or two discrete achievements, although these achievements will certainly be considered.

Nominee must be an ANS member and a member of the Young Members Group at the time of nomination. The nominee must further be either under the age of 36 or within five years of graduation at the time of nomination (i.e., meeting the ANS definition of “young member”).

The award consists of an engraved plaque and is presented at the ANS Winter Meeting.

Background

This award was established by the Young Members Group (YMG) in 2007 as a national award.

Selection Method

Nominations must be submitted to the Young Members Group Honors and Awards Chair. The Young Members Group Honors and Awards Chair shall convene a selection committee made up of five to seven members including the Chair. The selection committee should have at least two representatives from the ANS national Honors and Awards Committee, and at least two representatives from the Young Members Group Executive Board. Members of the selection committee should be active with ANS governance at the national level, and should not have any conflict of interest with the candidates nominated for the award. One nomination should be selected as the recipient of the award according to the guidelines detailed in the next section. If no nominee is judged to be suitable, the selection committee may opt not to give the award that year.

Nominations must include the completed nomination form accompanied by the following supporting documents:

- A letter of recommendation
- A narrative summary of about 1,000 words, including accomplishments, period of activity, and significance of achievements
- A list of publications (if applicable) or other relevant literature or evidence
- A brief chronological resume
- Letters of support (support letters recommended but not required, no more than five)

Guidelines for Choosing the Recipient:

The recipient of the award should be the nominee who best meets the following general criteria:

- Is involved with ANS on a national level. This may include serving on national committees or the boards of the divisions, participating in or organizing national meetings or topical meetings, or other activities.
- Displays outstanding technical or managerial ability, as demonstrated by various achievements or general conduct, as documented through publications, technical presentations, awards granted by other organizations, performance at the candidate's place of employment, or recognition by others in the candidate's field, and may be supported by observations from the nominator.
- Displays outstanding non-technical professional skills, as demonstrated through leadership, volunteerism, or participation, as documented through awards granted by other organizations, performance at the candidate's place of employment, or recognition by others in the candidate's field, and may be supported by observations from the nominator.
- Demonstrates high quality and safety standards in his/her work and professional activities.
- Positively represents nuclear science and technology to the general population, including outreach activities, public speaking, and spreading of grass-roots information. Should also include personal integrity, professionalism, and comportment.
- Actively advances the goals of the ANS Young Members Group; namely, integration of young members into ANS and increased participation and attendance of young members.

Emphasis is placed on continuing excellence. Candidates with a demonstrated history of these qualities over several years are preferred to those with one or two discrete achievements, although these achievements will certainly be considered.

These criteria should be given approximately equal weight when evaluating a candidate. The candidate selected must be a member of both ANS National and the Young Members Group at the time of the nomination.

The deadline for receipt of nominations is August 1.

SEE ADDENDUM FOR PREVIOUS RECIPIENTS

**AWARDS ADMINISTERED BY THE H&A COMMITTEE AND
NON-ANS GROUPS**

HENRY DEWOLF SMYTH NUCLEAR STATESMAN AWARD

Description

The Henry DeWolf Smyth Nuclear Statesman Award consists of a suitably engraved bronze medal, which incorporates a bust of Henry DeWolf Smyth. The award is a joint effort between the American Nuclear Society and the Nuclear Energy Institute (NEI). The award is presented only once per year to only one individual.

Background

ANS and NEI jointly established this award in 1972 with the initial award to Dr. Smyth for his outstanding and statesmanlike contributions to the many aspects of nuclear energy activities. Subsequent recipients of the award have been selected by ANS and NEI, and the presentations have been made at the ANS/NEI banquet at the joint ANS/NEI National Winter Meeting. In 1995, the presentation time was changed to the Nuclear Energy Assembly in May of odd-numbered years, and the ANS Annual Meeting in June of even-numbered years.

Selection Method

Nominations for candidates for the award are selected by the American Nuclear Society and the Nuclear Energy Institute.

Nominations for candidates for the award are invited by announcement in *ANS News* and an open call for nominations to all ANS members. NEI compiles a separate solicitation.

The nominations are made with a full letter of recommendation, which includes a narrative summary of about 1,000 words describing accomplishments in the field, a description of the significance of achievements and period of activity, an appended list of publications, and a brief chronological resume. The candidate must be widely recognized for his or her statesmanlike contributions to the many aspects of nuclear energy. A significant segment of the candidate's work must have been directed toward the peaceful uses of nuclear energy. Candidates need not be members of ANS or NEI, they do not have to be a United States citizen, but they must be living at the time of nomination. Self-nomination is prohibited. Nominations submitted for candidates are for that year only, and any subsequent nominations for a candidate must be resubmitted each year. The award shall be given no more than once per year and to only one individual per year.

The Chair of the ANS Honors and Awards Committee and the NEI President/CEO each appoint a selection panel consisting of three to four members each. Each organization will apprise the other of their selection. In even years, ANS chairs the joint selection panel, and in odd years, NEI is the chair.

In even years the presentation of the Smyth medal will be by the President of NEI at the ANS Annual Meeting in June, and in odd years by the President of ANS at the NEI Nuclear Energy Assembly Meeting in May. In unusual circumstances, the occasion for the presentation of the award may be changed by mutual consent of the President of ANS and the President of NEI.

Either organization may request changes (additions, corrections, deletions) to the award requirements and procedures at any time.

All expenses incurred for this award will be shared equally by the NEI and ANS.

**The deadline for receipt of nominations is March 1.
SEE ADDENDUM FOR PREVIOUS RECIPIENTS**

REACTOR TECHNOLOGY AWARD

Description

The Reactor Technology Award is an award to be made to an individual or individuals who have made original and outstanding contributions to the advancement of reactor technology. The award should emphasize recognition of advances in the areas of design and safety in reactor technology. The award consists of a plaque and a \$2,000 monetary award. It is to be made no more frequently than once per year, and it is normally conferred during the Winter Meeting of the Society.

Background

This award was established in 1993 at the request of the Atomic Energy Society of Japan with funds received from earnings from the ANP 1992 Topical Meeting.

Selection Method

Nominations for candidates for the award are invited by announcement in *ANS News* and by letters to the ANS Board of Directors, various ANS Division, Committee and Local Section Chairs, and other appropriate individuals.

The nominator must be an ANS Member, but the nominee need not be a member. However, the nominee must be living at the time they are selected. A letter of justification must be submitted with a narrative summary of about 1,000 words describing accomplishments in the field, and the significance of those accomplishments. A list of publications and a brief chronological resume should also be included.

The nominee should be the author of one or more peer-reviewed original technical papers or patents contributing to the advancement of reactor technologies.

The selection committee is a seven person subcommittee of the Honors and Awards Committee with six ANS members and one Atomic Energy Society of Japan member. They review the nominations and make their recommendation to the chair of the Honors and Awards Committee. If the committee determines that there is no candidate of sufficient merit, the committee may recommend that the award not be made in that year.

The deadline for receipt of nominations is August 1.

SEE ADDENDUM FOR PREVIOUS RECIPIENTS

AWARDS ADMINISTERED BY THE ANS CORPORATE OFFICERS AND HQ

GOVERNANCE CERTIFICATE

Description

This award is a certificate given by the President of the Society to ANS Members at the termination of their service to the Society as Officers, Members of the Board of Directors, and Chairs of National Divisions and Committees. They are also given for participation in governance and other special services in management of the Society.

Background

President Melvin Feldman initiated the Certificate of Governance in 1975, and succeeding Society Presidents have continued the tradition.

Selection Method

The Honors and Awards Committee has no active role in granting of the Certificates of Governance. It is expected that each future president will continue this form of recognition for those members who have made exceptional contributions to the Society.

PRESIDENTIAL CITATION

Description

The President of the Society may present one or more presidential citations to individuals who, in their opinion, have demonstrated outstanding effort in some manner for the benefit of the American Nuclear Society and/or the nuclear community.

Background

The practice of issuing Presidential Citations was established in June 1980.

Selection Method

The President of the American Nuclear Society has sole discretion as to who will receive a Presidential Citation. The Honors and Awards Committee has no active role in selecting an awardee.

SEE ADDENDUM FOR PREVIOUS RECIPIENTS

SILVER CERTIFICATE

Description

This award to individual ANS members consists of a Silver Certificate given in appreciation of the contributions of an individual to the growth and progress of the Society. Presentation of the award commemorates a long-term commitment to accomplishing the goals and objectives for which the Society was founded. Only members with 25 years of continuous membership in the Society are eligible for the Award.

Background

The practice of recognizing 25 years of continuous and dedicated service to the Society by an individual member was initiated in 1983, the twenty-ninth year of the Society's existence. The award recognizes and commemorates the long-term commitment to the Society evidenced by 25 years of uninterrupted service as a member. It is presented at an appropriate ceremony arranged and executed by the local section to which the recipient belongs. The award presentation is scheduled in the calendar year that coincides with the silver anniversary date of the recipient.

Selection Method

Twenty-five years of continuous membership as an individual member immediately preceding the award is mandatory for the recipient. All grades of individual membership, as stated in the Bylaws, are to be combined in the determination of the length of service.

Note: These certificates are also prepared and presented to Local and Student Sections which have been in existence for 25 years.

GOLD CERTIFICATE

Description

This award to individual ANS members consists of a Gold Certificate given in appreciation of the contributions of an individual to the growth and progress of the Society. Presentation of the award marks and commemorates a long-term commitment to accomplishing the goals and objectives for which the Society was founded, as only members with 50 years of continuous service to the Society are eligible for the award.

Background

The practice of recognizing 50 years of continuous and dedicated service to the Society by an individual member was initiated in 2005, the fifty-first year of the Society's existence. The award is to recognize and commemorate the long-term commitment to the Society evidenced by 50 years of uninterrupted service as a member. It is presented at an appropriate ceremony arranged and executed by the local section to which the recipient belongs. The award presentation is scheduled in the calendar year that coincides with the golden anniversary date of the recipient. If the recipient is not a member of a local section, the certificate will be mailed directly to the individual.

Selection Method

Fifty years of continuous membership as an individual member immediately preceding the award is mandatory for the recipient. All grades of individual membership, as stated in the Bylaws, are to be combined in the determination of the length of service.

Note: These certificates are also prepared and presented to Local and Student Sections that have been in existence for 50 years.

OCTAVE J. DUTEMPLE AWARD

Description

The Octave J. Du Temple Award consists of an appropriately engraved plaque and a monetary award of \$500. It can be given no more than once every other year. The award is presented to a current employee of the ANS who has been employed on a full-time basis for a period of five or more years, in recognition of consistent efforts and significant contributions in area(s) directly linked to the Society's scientific and educational purposes. This award is presented onsite at ANS Headquarters as determined by the Executive Director.

Award payments made to employees must be paid through the payroll process, per the IRS tax code, where all applicable income and employment taxes are withheld. These types of payments are required to be reported on the employee's W-2 form.

Background

This award was established in 1983 on the occasion of twenty-five years of continuous professional exemplary service to the Society of Executive Director Octave J. Du Temple, who was the first recipient at the June 14, 1983 Annual Meeting of the Society. Subsequent awards are to recognize outstanding contributions and meritorious service by ANS staff members employed for a minimum of five years.

Selection Method

Recommendation of eligible individuals for the award are made by the current ANS employees via nomination form. The Nomination Review committee, chaired by the previous year's recipient and consisting of two department-head level and one support staff member, will review and rank the nominations in order to make a recommendation to the Executive Director. The Executive Director will forward no more than three nominee names (in order of selection priority) to the Honors and Awards Committee Chair to confirm their decision.

The deadline for receipt of nominations is August 1 in odd years.

SEE ADDENDUM FOR PREVIOUS RECIPIENTS

AWARDS ADMINISTERED BY ANS PROFESSIONAL DIVISIONS

W. BENNETT LEWIS AWARD

Description

The W. Bennett Lewis Award recognizes individuals who have made major lifetime contributions in nuclear science and engineering towards minimizing environmental footprint, attaining long-term global sustainable energy and development, and having shown great foresight in elucidating these goals as recorded in archival publications. Nominees need not be ANS members. Not awarded posthumously.

The award consists of an engraved plaque and may be accompanied by a monetary gift to be decided by the DESD Executive Committee at its discretion. It is presented at a DESD function at either the ANS Annual or Winter Meetings.

Background

This award was established by the Decommissioning & Environmental Sciences Division (formerly Environmental Sciences Division) in 2006 to honor Dr. W. Bennett Lewis, a visionary who understood the importance of providing a clean and abundant source of energy to support the world population for generations to come.

Selection Method

ANS members will be invited to nominate candidates for this award. This invitation will be made using the DESD Newsletter and/or other ANS publications. The award will not necessarily be presented on an annual basis

Nominations must include the completed nomination form accompanied by the following supporting documents:

- A letter of recommendation from the nominator
- A narrative summary of about 1,000 words, including accomplishments, period of activity, and significance of achievements
- A list of publications (if applicable)
- A brief chronological resume
- Letters of support (support letters recommended but not required; no more than five)

Nominations should include evidence of having made major life-time contributions in nuclear science and engineering towards attaining long-term global sustainable energy and development and having shown great foresight as recorded in archival publications.

Nominations are submitted to the chair of the DESD Honors and Awards Committee.

The DESD Honors and Awards Committee administers the selection process which involves an initial screening followed by an in-depth evaluation. Nominators will be informed whether their candidates have passed the initial screening process. Then, as part of the in-depth evaluation, nominators will be expected to submit letters of recommendation from their peers who are familiar with the candidate's life-time contributions.

Following the in-depth evaluation, the DESD Honors and Awards Committee submits its recommendation(s) to the DESD Executive Committee which has final decision authority. The national Honors and Awards Committee is available for consultation and review of criteria and procedures as appropriate.

The deadline for receipt of nominations is March 1.

SEE ADDENDUM FOR PREVIOUS RECIPIENTS

ARTHUR HOLLY COMPTON AWARD IN EDUCATION

Description

The Arthur Holly Compton Award in Education recognizes an individual who has made an outstanding contribution to education in the field of science and engineering germane to the interests of the Society. Nominees need not be ANS members and may be from any profession.

The award consists of an engraved plaque and a monetary award of \$2,000 to the recipient and \$2,000 to the recipient's academic institution. It is presented at the ANS Annual Meeting.

Background

This award was established by the Education and Training & Workforce Development Division in 1966 in recognition of the late Dr. Arthur Holly Compton, scientist, teacher, national leader, and Nobel Laureate. It was made possible through an endowment by Mrs. Edward Mallinckrodt and George E. Mallinckrodt.

Selection Method

The ETWDD Honors and Awards Committee administers this award. That committee establishes the detailed evaluation criteria, solicits the nominations, and determines the recipient. The national Honors and Awards Committee is available for consultation and review of criteria and procedures as appropriate.

General criteria in selecting the nominee for the award include the following:

- Scholarly research and contributions.
- Effectiveness as a teacher.
- Development of national programs.
- Contributions to national educational activities.

Nominations are valid for three years from the date of submittal, but are only resubmitted if the nominator sends an addendum updating the original nomination or sends a letter requesting that their candidate be reentered on the next ballot.

Nominations must include the completed nomination form accompanied by the following supporting documents:

- A letter of recommendation from the nominator
- A narrative summary of about 1,000 words, including accomplishments, period of activity, and significance of achievements
- A list of publications (if applicable)
- A brief chronological resume
- Letters of support (support letters recommended but not required; no more than five)

The deadline for receipt of nominations is March 1.

SEE ADDENDUM FOR PREVIOUS RECIPIENTS

SAMUEL GLASSTONE AWARD

Description

The Samuel Glasstone Award recognizes outstanding ANS Student Sections. The award consists of a certificate and a monetary award (up to \$1,200 distributed amongst the recipients). It is presented after the ANS Annual Meeting.

Background

This award was established by ANS in 1969 when Dr. Samuel Glasstone contributed funds to the Society to be used specifically for an annual award to the outstanding Student Section of ANS. Dr. Glasstone's initial bequest specified that the award be given to that student section "which accomplished the most notable achievements in public service and the advancement of nuclear engineering." The Student Sections Committee (SSC) and Education, Training and Workforce Development Division (ETWDD) have interpreted this specification to emphasize student section activities both for external persons or groups as well as the student section members themselves. For example, the first few awards were made to sections who established a working speakers bureau on nuclear subjects for local high schools, civic organizations, etc., as well as arranging a balanced program (of lectures, tours, attendance at student and national meetings, etc.) directed to advance the nuclear engineering understanding of section members.

Other contributions by the early recipients have included extensive service at ANS National meetings (which happened to be held in the school's city) and a tutoring program for minority students entering engineering study. It is hoped that future applications will not be limited to these examples, but will represent other imaginative contributions to the community.

Selection Method

Instead of a written report for the express purpose of satisfying requirements for the selection of the Samuel Glasstone Award, each student section is encouraged to submit an Annual Report of their activities. The primary purpose of such a report is to share the activities of each student section with the others, helping all the student sections to expand and improve their programs. These reports will be used to evaluate the student sections for the secondary purpose of selecting the Samuel J. Glasstone Award recipient.

To facilitate this format, each student section is encouraged to create a professional document which minimizes the repetition of information and maximizes concise and complete reporting of all ongoing section activities which indicate a novel initiative on the part of the student section and distinguish it from other sections

The administration of this award is conducted by the ETWDD Honors and Awards Committee and an evaluation subcommittee is comprised of members of both ETWDD and the SSC. This subcommittee establishes the detailed evaluation criteria, solicits the nominations, and determines the recipients. The ANS national Honors and Awards Committee is available for consultation and review of criteria and procedures as appropriate.

The deadline for receipt of nominations is May 1 (annual report deadline is May 15).

SEE ADDENDUM FOR PREVIOUS RECIPIENTS

ROBERT L. LONG TRAINING EXCELLENCE AWARD

Description

The Robert L. Long Training Excellence Award recognizes an individual or group who has demonstrated sustained excellence in nuclear training. The award is given to an individual, or group of individuals that work as a team, who currently work in the field of nuclear training and education, and is intended to recognize outstanding, innovative, unique and cost-effective contributions to the field.

The award consists of an engraved plaque for the recipient and a framed certificate for the recipient's organization. The award(s) will be presented at the ANS Winter Meeting on even years. On the odd years the award will be recognized at the ANS Winter Meeting but formally presented at the ANS Conference on Nuclear Training and Education (CONTE).

Current practitioners in International and U.S. Commercial, government/contractor, university and union nuclear training and education fields are eligible for nomination.

Nominations must be made by ANS members. Self-nomination is prohibited. Nominees need not be members of the Society but shall be individuals who are or have been active in nuclear training.

Background

This award was established by the Education, Training and Workforce Development Division in 1993 as the Training Excellence Award and renamed the Robert L. Long Training Excellence Award in 2010 to memorialize Dr. Long's legacy. Dr. Long was an ANS past president, internationally recognized nuclear scientist, utility executive and highly respected member of the global nuclear energy community. Dr. Long was regarded as an expert in nuclear training and education and a proponent of the link between training/education and safe operation of nuclear facilities.

Selection Method

Nominations of worthy candidates for the award are solicited by ANS and the Education, Training and Workforce Development Division (ETWDD). The selection of the recipient is made by the ETWDD Honors and Awards Committee who forwards the selection to the ETWDD Executive Committee for approval. The national ANS Honors and Awards Committee are available for consultation and review as appropriate.

Nominations must include the completed nomination form accompanied by the following supporting documents:

- A letter of recommendation from the nominator
- A narrative summary of about 1,000 words, including accomplishments, period of activity, and significance of achievements
- A list of publications or appropriate supporting information (if applicable)
- A brief chronological resume
- Letters of support (support letters recommended but not required; no more than five)

Nomination packages must be of sufficient detail to fully inform the selection committee of the nominee's qualification for the award. Nominations can be resubmitted up to two times after the initial submittal. Nominations are only resubmitted if the nominator sends an addendum updating the original nomination or sends a letter requesting that their candidate be reentered on the next ballot.

The award need not be given in periods when qualified candidates are not submitted. Multiple awards are allowed in a year when more than one exceptional candidate is submitted.

The deadline for receipt of nominations is August 1.

SEE ADDENDUM FOR PREVIOUS RECIPIENTS

MARK MILLS AWARD

Description

The Mark Mills Award is presented the student author who submits the best original technical paper contributing to the advancement of science and engineering related to the atomic nucleus.

The award consists of an engraved plaque and a monetary award of \$500. The award is presented at the ANS Winter Meeting.

The award is for an original piece of work, which should be of publishable quality by a graduate student. The submission for the award should be a paper with an abstract in a form and of suitable length for publication in a reputable engineering or scientific journal. A paper, which has been published or submitted for publication, is eligible if nominated by the faculty advisor of the student with the appropriate forms and data. If the student and his advisor or others jointly author the paper, it may be eligible for the award if the student was primarily responsible for the original contribution and his advisor so certifies with the submission.

To be eligible for the award, the student must have been registered in a graduate degree program in a recognized institution of higher learning for one (1) year prior to the award, and his faculty advisor must make a certification of this fact on the nomination form. Thus, this competition is open to a graduate student completing the work on which his paper is based from a minimum of 4 months prior to the award to a maximum of 16 months prior to the award. A thesis is not acceptable. Multiple nominees by a nominator, nomination of past recipients of the award, and multiple-year nominations of the same paper are prohibited.

Background

This award was established by the Society in 1958 as a memorial award to the late Mark Mills in recognition of his significant contributions to nuclear science and engineering.

Selection Method

The Honors and Awards Committee of the Education and Training and Workforce Development Division (ETWDD) administers this award. That committee establishes the detailed evaluation criteria, solicits the nominations, and determines the recipient. The national Honors and Awards Committee is available for consultation and review of criteria and procedures as appropriate.

The deadline for receipt of nominations is August 1.

SEE ADDENDUM FOR PREVIOUS RECIPIENTS

STUDENT DESIGN COMPETITION

Description

The Student Design Competition Award promotes excellence in the design aspects of nuclear engineering education at universities.

Any university is eligible to submit solutions to nuclear engineering design problems, but participants must have a university affiliation and a faculty member as an advisor. There are separate competitions for Graduate and Undergraduate students. Each university must review solutions by its students and select the best from each category for submission.

The names of the finalists and their schools are announced prior to the ANS Winter Meeting. Certificates are presented to each finalist in the undergraduate and graduate categories. Travel assistance (up to \$1,000 per school) is provided to students to attend the ANS Winter Meeting for the competition.

Background

The Education, Training, and Workforce Development Division established this competition in 1975 to promote excellence in the design aspect of nuclear engineering education at universities. A key feature of the program is industry participation in the judging of the annual design problem.

Selection Method

This award is administered by the Education, Training, and Workforce Development Division (ETWDD) who establishes the evaluation criteria and determines the recipients.

A call for submission of nuclear engineering related design problems is issued in February, the intent to participate is due in June, and the actual reports must be submitted by July. The final judging to select the top two design projects in both the Undergraduate and Graduate categories is completed in September. These four project teams are then invited to make presentations at the ANS Winter Meeting for final judging.

The national Honors and Awards Committee is available for consultation and review of criteria and procedures as appropriate.

The deadline for receipt of Intent to Participate form is in June.

SEE ADDENDUM FOR PREVIOUS RECIPIENTS

EDWARD TELLER AWARD

Description

The Edward Teller Award recognizes pioneering research and leadership in the use of laser and ion-particle beams to produce unique high-temperature and high-density matter for scientific research and for controlled thermonuclear fusion. The award consists of an engraved silver medal and a \$2,000 monetary award. No more than two awards can be given in any two-year period. The award is normally presented at the International Conference on Inertial Fusion Science Applications (IFSA) during odd-numbered years, beginning with the year 1999. The award may be presented at an alternate location determined by the Fusion Energy Division in consultation with the ANS Honors and Awards Committee.

Background

This award was established by the Fusion Energy Division in June 1999 to be presented as an ANS Division award. The Teller Award was established previously by the conference series formerly called Laser Interaction and Related Plasma Phenomenon (LIRPP). It is presently fully-funded by the Fusion Energy Division of ANS.

Selection Method

Nominations for candidates for the award are invited by bi-annual announcement in ANS publications and independent efforts of the Fusion Energy Division and through the channels of the IFSA conference.

Nominations must include the completed nomination form accompanied by the following supporting documents:

- A letter of recommendation (from a different institution than the home institution of the nominee)
- A narrative summary of about 1,000 words, including accomplishments, period of activity, and significance of achievements
- A list of publications
- Five relevant publications
- A brief chronological resume
- Letters of support (1 support letter required, no more than five). One of which from a different institution than the home institution of the nominee

Nominees may be from any nation, need not be an ANS member and must be living at the time of award selection. The nominations should be sent to the selection committee for evaluation and determination of the recipients. The selection committee consists of nine (9) members composed of two representatives from each of the three IFSA regions (America, Europe, and Asia), the previous two Teller winners, and a chair selected and approved by the Fusion Energy Division of ANS. The national Honors and Awards Committee is available for consultation and review of criteria and procedures as appropriate.

A maximum of two awards per cycle will be made. If a qualified candidate is not identified during a ballot period, the selection committee may recommend that the award not be made in that year.

The deadline for receipt of nominations is March 1 (odd years only).

SEE ADDENDUM FOR PREVIOUS RECIPIENTS

FUEL CYCLE AND WASTE MANAGEMENT LIFETIME ACHIEVEMENT AWARD

Description

The Fuel Cycle and Waste Management Lifetime Achievement recognize individuals who have made major lifetime contributions that significantly advanced the scientific, engineering, societal, or regulatory aspects of the nuclear fuel cycle and/or the nuclear waste management mission.

Nominees need to be longstanding ANS members at the time of nomination with a minimum of 25 years working in the field. It is normally presented to a member of the FCWMD, however any ANS member is eligible. Not awarded posthumously.

The award consists of a plaque which is presented at the ANS Annual Meeting. An article detailing the achievement will be published in RadWaste Solutions, and a blog post commemorating the achievement will be submitted to the ANS Nuclear Cafe. The highlights of the award ceremony including the picture with ANS president will be advertised in Nuclear News.

Background

This award was established by the Fuel Cycle and Waste Management Division (FCWMD) in 2014.

Selection Method

Nominations must include the completed nomination form accompanied by the following supporting documents:

- A letter of recommendation
- A narrative summary of about 1,000 words, including accomplishments, period of activity, and significance of achievements
- A list of publications (if applicable)
- A brief chronological resume
- Letters of support (support letters recommended but not required, no more than five)

Worthy candidates will be selected by a subcommittee headed by the FCWMD chair, and composed of the vice chair, treasury/secretary, and ex-officio chair. The final decisions on candidates will be decided by vote of the FCWMD executive committee. Nomination forms and supporting documents (in Word or Adobe Acrobat) should be emailed to the FCWMD Chair.

For more information, please visit the Fuel Cycle and Waste Management Division website <http://fcwmd.ans.org/>.

The deadline for receipt of nominations is March 1.

SEE ADDENDUM FOR PREVIOUS RECIPIENTS

FUEL CYCLE AND WASTE MANAGEMENT SIGNIFICANT CONTRIBUTIONS AWARD

Description

The Fuel Cycle and Waste Management Significant Contributions Award recognizes individuals or teams for a successful accomplishment that significantly advanced the scientific, engineering, societal, or regulatory aspects of the nuclear fuel cycle and/or the nuclear waste management.

The award may be given to an individual or collectively to a team for success on a single project, activity, contribution, or sustained initiative related to the nuclear fuel cycle and/or nuclear waste management. Nominees need to be ANS members at the time of nomination. It is normally presented to a member of the FCWMD, however any ANS member is eligible. Not awarded posthumously.

The award consists of a plaque given at the ANS Annual Meeting. An article detailing the achievement will be published in RadWaste Solutions, and a blog post commemorating the achievement will be submitted to the ANS Nuclear Cafe. The highlights of the award ceremony including the picture with ANS president will be advertised in Nuclear News.

Background

This award was established by the Fuel Cycle and Waste Management Division (FCWMD) in 2014.

Selection Method

Nominations must include the completed nomination form accompanied by the following supporting documents:

- A letter of recommendation
- A narrative summary of about 1,000 words, including accomplishments, period of activity, and significance of achievements
- A list of publications or other supporting evidence of accomplishments
- A brief chronological resume
- Letters of support (support letters recommended but not required, no more than five)

Worthy candidates will be selected by a subcommittee headed by the FCWMD chair, and composed of the vice chair, treasury/secretary, and ex-officio chair. The final decisions on candidates will be decided by vote of the FCWMD executive committee.

Nomination forms and supporting documents (in Word or Adobe Acrobat) should be emailed to the FCWMD Chair.

For more information, please visit the Fuel Cycle and Waste Management Division website <http://fcwmd.ans.org/>.

The deadline for receipt of nominations is March 1.

SEE ADDENDUM FOR PREVIOUS RECIPIENTS

H. M. HASHIEMIAN MID-CAREER AWARD

Description

The H.M. Hashemian Mid-Career Award recognizes an individual for sustained outstanding contributions to nuclear instrumentation and control, human factors engineering, or human machine interface over the first 15-25 years of his or her career. This award highlights the importance of the continued contributions of the upcoming generation of nuclear scientists and engineers in the future developments of nuclear instrumentation and controls and human factors research, development, and deployment.

The award consists of an engraved plaque and a monetary award of \$500 cash award presented at the ANS Nuclear Plant Instrumentation and Controls – Human Machine Interface Technology (NPIC-HMIT) Topical Meeting or at the ANS Annual Meeting, in years that NPIC-HMIT is not held.

Background

This award was established by the ANS Human Factors, Instrumentation & Control Division (HFICD) in 2018. It is named after Dr. H.M. Hashemian, President and CEO of Analysis and Measurement Services Corporation, recognized leader in I&C, and Fellow of ANS and IEEE. The award honors Dr. Hashemian who is an internationally recognized expert in nuclear instrumentation and controls and avid proponent of the future generation of nuclear scientists and engineers. This award is fully-funded by a \$15,000 contribution by Dr. Hashemian.

Selection Method

The award is given to an individual who has made a sustained significant contribution during the first 15-25 years of his or her career in one or more of the fields of nuclear instrumentation and control, human factors engineering, or human machine interface. This can be exemplified by either one significant achievement or a sustained effort in several engineering projects.

Nominees must meet the following criteria:

- The candidate must demonstrate sustained contribution of at least 15 years to one of the award's areas of specialization;
- The candidate must be no older than 55 years of age at the time of nomination; and
- The candidate must have been a registered HFICD member in good standing for at least the previous three (3) years.

Nominations are made with the ANS nomination form accompanied by:

1. A narrative summary of about 1,000 words that outlines the nominee's relevant accomplishments and a description of the significance of these accomplishments.
2. A list of ANS-supporting activities (including but not limited to presentations at ANS national and topical meetings, service on division committees, and dates of HFICD membership),
3. A resume or CV, and
4. Three to five letters of support from persons familiar with the nominee's accomplishments and their impact. Two letters of support are sufficient if the letters are from individuals other than the sponsor submitting the nomination package.

The Honors and Awards Committee of the Human Factors, Instrumentation & Control Division (HFICD) administers this award. It is awarded once per year, if an eligible candidate is nominated and selected. The national Honors and Awards Committee is available for consultation and review of criteria and procedures as appropriate.

The deadline for receipt of nominations is March 1.

SEE ADDENDUM FOR PREVIOUS RECIPIENTS

DON MILLER AWARD

Description

The Don Miller Award recognizes outstanding engineering, research and development, licensing or project achievements in the fields of nuclear instrumentation, control and human-machine interface technology from around the world, as exemplified by Don Miller.

The award is given to an individual or team who has made recognized contributions to the advancement of one or both of the fields of nuclear instrumentation and control or human-machine interface through individual or combined activities.

The award consists of an engraved plaque to be presented at the ANS Annual Meeting.

Background

This award was established by the ANS Human Factors, Instrumentation & Control Division (HFICD) in 2009. It is named after Dr. Don Miller, Professor and Distinguished Program Chair at the Ohio State University Nuclear Engineering Program, a prior member of the Advisory Committee on Reactor Safeguards, and past ANS President.

There is no monetary award. Plaque is to be paid for by the ANS HFICD. No funding for travel reimbursement or meeting attendance is anticipated.

Selection Method

The award recipients are selected by consensus of the HFICD executive committee from the pool of proposed and eligible candidates.

Nominations must include the completed nomination form accompanied by the following supporting documents:

- A letter of recommendation
- A narrative summary of about 1,000 words, including accomplishments, period of activity, and significance of achievements
- A list of publications or other supporting evidence of accomplishments
- A brief chronological resume
- Letters of support (support letters recommended but not required, no more than five)

The deadline for receipt of nominations is March 1.

SEE ADDENDUM FOR PREVIOUS RECIPIENTS

TED QUINN EARLY CAREER AWARD

Description

The Ted Quinn Early Career Award recognizes an individual for outstanding early career contribution to nuclear instrumentation and control or human machine interface technologies.

The award is given to an individual who has made a significant contribution early in his or her career in one or both of the fields of nuclear instrumentation and control or human machine interface. This can be exemplified by either one significant achievement or a sustained effort in several engineering projects. Nominees must meet the following criteria:

- The candidate must be not older than 40 years of age at the time of nomination
- The candidate must have made a demonstrable contribution to one of both or the fields of nuclear instrumentation and controls or human factors.
- The candidate must have been a registered HFICD member in good standing for at least the previous three (3) years.

The award consists of a plaque and monetary award of \$500 presented annually at the ANS Nuclear Plant Instrumentation and Controls – Human Machine Interface Technology (NPIC-HMIT) Topical Meeting or at the ANS Annual Meeting, in the years that NPIC-HMIT is not held.

Background

This award was established by the ANS Human Factors, Instrumentation & Control Division (HFICD) in 2017. It is named after Mr. Ted Quinn, President of Technology Resources, recognized leader in nuclear instrumentation and controls, and past ANS President. This award highlights the importance of young members in the future developments of nuclear instrumentation and controls and human factors research, development, and deployment. This award is fully-funded by a \$15,000 contribution by Mr. Quinn.

No funding for travel reimbursement of meetings attendance is anticipated.

Selection Method

Nominations must include the completed nomination form accompanied by the following supporting documents:

- A letter of recommendation
- A narrative summary of about 1,000 words, including accomplishments, period of activity, and significance of achievements
- A list of publications or other supporting evidence of accomplishments
- A brief chronological resume
- Letters of support (support letters recommended but not required, no more than five)

The award recipient is selected by the Honors and Awards Subcommittee of the HFICD. It is awarded once per year, if an eligible candidate is nominated and selected.

The deadline for receipt of nominations is March 1.

SEE ADDENDUM FOR PREVIOUS RECIPIENTS

RADIATION SCIENCE & TECHNOLOGY AWARD

Description

The Radiation Science and Technology Award recognizes meritorious research or basic development from which there is particularly significant industrial application. The work may have been performed at any time in the past; it must have been fully published in an established scientific journal, and the results of the efforts must have been practically established although not necessarily in widespread use at the time the award is given. The award will be presented to an individual who is determined to have made the most outstanding creative application of radiation sciences and engineering principles.

Nominees need not be ANS members, and any ANS member can nominate a worthy candidate.

This award consists of a plaque and a monetary award of \$2,000. The award is presented during the ANS Winter Meeting.

Background

This award was established by the Isotope and Radiation Division (IRD) in 1967.

Selection Method

Nominations must include the completed nomination form accompanied by the following supporting documents:

- A letter of recommendation
- A narrative summary of about 1,000 words, including accomplishments, period of activity, and significance of achievements
- A list of publications or other supporting evidence of accomplishments
- A brief chronological resume
- Letters of support (support letters recommended but not required, no more than five)

The Honors and Awards Committee of the Isotope and Radiation Division (IRD) administers this award. That committee establishes the selection criteria and selects the recipient. It is anticipated that the number of individual recipients each year should be one, but special circumstances and considerations may result in no award or more than one. The national Honors and Awards Committee is available for consultation and support as appropriate.

The deadline for receipt of nominations is August 1.

SEE ADDENDUM FOR PREVIOUS RECIPIENTS

GERALD C. POMRANING AWARD

Description

The Gerald C. Pomraning Memorial Award recognizes individuals who have made outstanding contributions toward the advancement of the fields of mathematics and computation in support of advancing the understanding of these topics of interest to the ANS membership.

When possible, one such award will be made every other year, coinciding with the year the Mathematics and Computation Division (MCD) Topical Meeting is held, following procedures established by the MCD.

The award consists of an engraved plaque and monetary award of \$1,000 which is presented at the MCD Topical Meeting, held in the spring of odd-numbered years, in addition to complementary registration at the MCD meeting.

Nominees need not be ANS members, and any ANS member can nominate a worthy candidate.

Background

The award was established by the MCD in 2002. It is named after Dr. Gerald C. Pomraning, who contributed greatly to the advancement of the fields of mathematics and computation in support of advancing understanding of topics of interest to the ANS membership. This award is made possible by a gift from SAIC, a company that Dr. Pomraning co-founded.

Selection Method

Nominations for candidates for the award are invited by announcement in *ANS News* and by mail to the ANS Board of Directors, various ANS Division and Committee Chairs, and other appropriate individuals.

Nominations are made on a standard form. Three sponsors are required, one of which must be an ANS Fellow. One sponsor shall be designated as the principal sponsor. The principal sponsor has the responsibility of (a) securing the required letters of recommendations from the other two co-sponsors, (b) assembling the nomination package, and (c) submitting it to ANS Headquarters along with his or her own recommendation of the nominee by the deadline indicated in the call for nominations announcement. Sponsors of a given candidate should be dispersed geographically, and only one may be from the home institute of the candidate.

Evidence of the candidate's contribution shall be submitted in the form of written recommendations from the sponsors and others as appropriate. Written recommendations should specify the candidate's outstanding accomplishments and contributions that have benefited the fields of mathematics and/or computation in support of advancing the understanding of topics of interest to the ANS, to the degree meriting consideration for the Gerald C. Pomraning Memorial Award.

The nominee must be living at the time of submittal, but in certain exceptional cases a posthumous award could be made. A curriculum vita along with a bibliography of major publications, including documentation of participation in symposia and conferences may be attached.

The selection of the Gerald C. Pomraning Memorial Award recipient is determined by critical review and assessment of submitted credentials and qualifications; hence, due care should be exercised in preparation of the nomination package. In the process of review and selection, emphasis is placed on excellence of achievement in the fields of mathematics and/or computation in support of advancing understanding of topics of interest to the ANS

membership as evidenced by (a) outstanding original research, documented in refereed scientific journals or major publications and by (b) outstanding technical leadership.

Consideration for the Gerald C. Pomraning Memorial Award requires a willingness and formal acceptance on the part of the candidate to attend the MCD Topical Meeting at which the award will be presented at, unless unusual circumstances prevent attendance. Members of the MCD Executive Committee and Honors and Awards Committee are excluded as nominators of, as well as candidates for the award during their respective terms of office.

The deadline for receipt of nominations is January 15 (odd years only).

SEE ADDENDUM FOR PREVIOUS RECIPIENTS

GEORGE C. LAURENCE PIONEERING AWARD

Description

The George C. Laurence Pioneering Award recognizes individuals who have made outstanding pioneering contributions to the field of nuclear reactor safety philosophy.

This award consists of an engraved plaque and a monetary award of \$1,000.

Nominees need not be ANS members.

Background

The award was established by the Nuclear Installations Safety Division (NISD) in 1988 to honor Dr. George C. Laurence who was one of the pioneers in the Canadian nuclear program and who showed remarkable insight by early introducing the risk-informed concept and establishing it, in his capacity of President of the Atomic Energy Control Board, as an integral part of the Canadian nuclear safety regulatory system.

Selection Method

The NISD Honors and Awards Committee administers this award. That committee establishes the evaluation criteria, solicits the nominations, and determines the recipient. The award shall not be given on an annual basis, but when the NISD H&A Committee deems such recognition to be appropriate. The National Honors and Awards Committee is available for consultation and review as appropriate.

Nominations must include the completed nomination form accompanied by the following supporting documents:

- A letter of recommendation from the nominator
- A narrative summary of about 1,000 words, including accomplishments, period of activity, and significance of achievements
- A list of publications (if applicable)
- A brief chronological resume
- Letters of support (support letters recommended but not required; no more than five)

The deadline for receipt of nominations is December 1.

SEE ADDENDUM FOR PREVIOUS RECIPIENTS

DAVID OKRENT AWARD FOR NUCLEAR SAFETY

Description

The David Okrent Award for Nuclear Safety was established by the Nuclear Installations Safety Division in 2019 to recognize recent contributions and accomplishments of significant value to nuclear safety. The award is open to ANS members active in the field of nuclear safety. Particular attention shall be given to identifying and recognizing valuable contributions by young professionals and students (*age requirement under 40 at time of nomination*) to the safety community and to NISD sponsored activities. Recipient qualifications shall be documented in recommendation letters to the NISD H&AC as part of the nomination process.

This award is not intended to be given on an annual basis, but rather when the NISD H&AC deems such recognition to be appropriate.

The award consists of an engraved plaque that will be presented by the chair of the NISD-EC at the 1st NISD session of the ANS Annual Meeting. It may be accompanied by a monetary gift if the NISD-EC so decides. Whether to present a monetary gift and, if so, its amount, will be determined on a yearly basis by the NISD-EC unless a perpetual financial plan is enacted.

Background

This award is named in honor of Professor David Okrent to commemorate his many valuable contributions to nuclear technology and nuclear safety made during a life-time career in research and teaching. Among his many contributions, Dr. Okrent served for many years as member/chairman of the Nuclear Regulatory Commission's Advisory Committee on Reactor Safeguards (ACRS) during the formative years for the development and evolution of nuclear reactor safety. His remarkable insight resulted in many valuable contributions covering numerous areas, including (a) probabilistic considerations in nuclear reactor safety (PSA), (b) anticipated transients without scram (ATWS), and (c) safety goals (e.g., answering the question, "how safe is safe enough?"). Many of these contributions are reflected in the current regulatory approach in the U.S. and worldwide. Dr. Okrent was the founding father of the ANS Nuclear Reactor Safety Division (now called Nuclear Installations Safety Division) and was a very active member of ANS during his entire career. He was an outstanding mentor and teacher who always encouraged and assisted his colleagues and students in their professional pursuits. In view of the above, it is only fitting that ANS should honor Dr. Okrent for his many contributions by establishing in his name a national award that emphasizes the importance of recognizing contributions by young professionals and students.

Selection Method

The NISD Honors and Awards Committee (NISD-H&AC) shall administer the selection process. The National Honors and Awards Committee is available for consultation and review as appropriate. The NISD-H&AC shall periodically advertise widely concerning the existence of this award and also concerning how a name can be placed in nomination for it. The NISD-H&AC shall report their activity regarding this award to the NISD Executive Committee (NISD-EC).

Nominations must include the completed nomination form accompanied by the following supporting documents:

- A letter of recommendation from the nominator
- A narrative summary of about 1,000 words, including accomplishments, period of activity, and significance of achievements
- A list of publications (if applicable)
- A brief chronological resume
- Letters of support (support letters recommended but not required; no more than five)

The deadline for receipt of nominations is March 1.

SEE ADDENDUM FOR PREVIOUS RECIPIENTS

THEOS J. (TOMMY) THOMPSON AWARD FOR REACTOR SAFETY

Description

The Theos J. (Tommy) Thompson Award to recognize outstanding lifetime contributions to the field of nuclear reactor safety. The award consists of a plaque and a \$1,000 monetary award which is presented by the chair of NISD during the ANS Winter Meeting each year. Nominees need not be ANS members.

Background

This award was established by the Nuclear Installations Safety Division (formerly the Nuclear Reactor Safety Division) in 1980 as a memorial award to the late Professor Theos J. (Tommy) Thompson of MIT, who made outstanding contributions to nuclear reactor safety, including being the principal author of a pioneering textbook on the subject.

Selection Method

The NISD Honors and Awards Committee administers this award. That committee establishes the evaluation criteria, solicits the nominations, and determines the recipient. The award is made to individuals selected by the NISD Honors and Awards Committee in recognition of outstanding contributions in the field of nuclear reactor safety. The National Honors and Awards Committee is available for consultation and review as appropriate.

Nominations must include the completed nomination form accompanied by the following supporting documents:

- A letter of recommendation from the nominator
- A narrative summary of about 1,000 words, including accomplishments, period of activity, and significance of achievements
- A list of publications (if applicable)
- A brief chronological resume
- Letters of support (support letters recommended but not required; no more than five)

The deadline for receipt of nominations is August 1.

SEE ADDENDUM FOR PREVIOUS RECIPIENTS

MERITORIOUS PERFORMANCE IN OPERATIONS AWARD

Description

The ANS Award for Meritorious Performance in Operations Award recognizes outstanding performance in the operation of nuclear facilities. The outstanding performance may be activities of the following type:

- 1) Consistent, superior performance in the discharge of normal operations.
- 2) New or novel effective solutions to problems pertaining to operations.
- 3) Outstanding and/or innovative applications of reactor facilities to contribute to enhanced education, research, development, or training programs.

The award consists of an engraved plaque to be presented to the recipient(s) at an OPD function at the ANS Annual Meeting.

Background

This award was established in 1984 on the recommendation of the Reactor Operations Division Honors and Awards Committee, now known as the Operations and Power Division. It is to recognize outstanding performances by both licensed and unlicensed personnel in the operation of nuclear facilities. It can be awarded to a single individual or a group who work as a team, and the awardees need not be members of ANS. A major objective is to encourage exemplary performance in nuclear operations and to recognize truly meritorious contributions irrespective of organizational affiliation.

Selection Method

Nominations of worthy candidates for the award are solicited by the chair of the OPD Honors and Awards Committee and can be submitted by any member of the Society. The nominees need not be members of the Society but shall be individuals of good character who are, or who have been, active in nuclear operations. The recipients may be a group of individuals who work as a team or a single individual. The award need not be given in periods when qualified candidates are not submitted. Multiple awards are allowed in a year when more than one exceptionally qualified candidate is submitted.

The award is intended for both licensed and unlicensed personnel who comprise an active part in the operation of a nuclear facility and who have performed in an exemplary manner.

Indications of such performance may be the following:

- 1) Long-term, safe operation with a high availability factor.
- 2) Development and implementation of novel operating, maintenance, or surveillance techniques and procedures.
- 3) Development of a new or novel application of the nuclear facility or its byproducts.
- 4) Any significant action worthy of national attention.

A panel constituted and chaired by the chair of the OPD Honors and Awards Committee makes selection of the recipient. The national ANS Honors and Awards Committee is available for consultation and review as appropriate.

Deadline for receipt of nominations is March 1.

SEE ADDENDUM FOR PREVIOUS RECIPIENTS

UTILITY ACHIEVEMENT AWARD

Description

To recognize the commercial nuclear power plant(s) that demonstrate outstanding achievements in performance.

Background

This award was established in 1994 by the Operations and Power Division. In 2005 it officially became an ANS award.

Selection Method

The criteria are non-specific but the achievement may be either sustained outstanding performance or outstanding improvement in performance. Therefore the nomination must provide supporting details and enough facts for the selection committee to make an informed decision.

The award consists of an engraved plaque that is presented in August each year in conjunction with the ANS Utility Working Conference (UWC).

Nominations may be submitted at any time during the year, but should be submitted by March 1 to be considered for the current year.

SEE ADDENDUM FOR PREVIOUS RECIPIENTS

UTILITY LEADERSHIP AWARD

Description

To recognize an individual who has demonstrated outstanding leadership and has contributed greatly to the success of the nuclear power industry.

Background

This Award was established in 1994 by the Operations and Power Division. In 2005 it officially became an ANS award.

Selection Method

The criteria are non-specific. Therefore, the nomination must provide supporting details and enough facts for the selection committee to make an informed decision.

The award consists of an engraved plaque that is presented in August each year in conjunction with the ANS Utility Working Conference (UWC).

Nominations may be submitted at any time during the year, but should be submitted by March 1 to be considered for the current year.

SEE ADDENDUM FOR PREVIOUS RECIPIENTS

EARLY CAREER REACTOR PHYSICIST AWARD

Description

The Reactor Physics Division Early Career Reactor Physicist Award recognizes early career members of the RPD who have made significant contributions in the field of reactor physics.

This award consists of a plaque and a letter signed by the chair of RPD recognizing the candidate's achievement of distinction. The winner will receive a free registration, for either the national ANS Annual meeting or for a Reactor Physics Topical Meeting (PHYSOR) at which he/she receives the award. The meeting registration will be paid by the Reactor Physics Division.

Background

This award was established by the Reactor Physics Division (RPD) in 2013.

Selection Method

The winner will be selected by RPD Honors and Awards Committee. The committee will review, judge, rank the nominations, and pick the winner. In the event a nominee does not win the award, the nomination may be re-submitted one more time before the nominee's 39th birthday.

One award may be given per year, conditional upon receipt, approval, and selection of a successful nomination package. One person receives the award, and may receive the award only once.

Selection Criteria:

- Must be under 39 years of age, or younger, at the time the nomination is submitted.
- Must have been an RPD member in good standing for at least three years
- The nominee must have published in a peer-reviewed journal at least four full papers of high technical quality covering new and significant work in the area of reactor physics in which the candidate must have been the lead author.
- Publications may include, for example, peer-reviewed journal or conference publications, such as *Nuclear Science and Engineering*, *Nuclear Technology*, *PHYSOR*, etc.
- The candidate must demonstrate that he/she has done technical work in the area of reactor physics that is new and significant.

Nominations must include the completed nomination form accompanied by the following supporting documents:

- A letter of recommendation (lead sponsor)
- A list of publications
- A brief chronological resume
- Letters of support (2 additional are required, no more than five)

The deadline for receipt of nominations is August 1.

SEE ADDENDUM FOR PREVIOUS RECIPIENTS

EUGENE P. WIGNER REACTOR PHYSICIST AWARD

Description

The Eugene P. Wigner Award recognizes an individual that has made outstanding contributions toward the advancement in the field of nuclear reactor physics.

Nominations can be made by any member of ANS. Nominees need not be ANS members.

The award consists of an engraved plaque and is presented at a division function at the ANS Winter Meeting of the Society.

Background

The award was established by the Reactor Physics Division (RPD) in 1990. The award is named after the late Eugene P. Wigner, a pioneer who helped nurture the nuclear age to technical maturity.

Selection Method

Nominations are made on a standard form. Three sponsors are required, one of which must be an ANS Fellow. One sponsor shall be designated as the principal sponsor. The principal sponsor has the responsibility of (a) securing the required letters of recommendation from the other two co-sponsors, (b) assembling the nomination package and (c) submitting it to ANS headquarters along with his or her own recommendation of the nominee by the deadline indicated in the call for nominations announcement. Sponsors of a given candidate should be dispersed geographically, and only one may be from the home institution of the candidate.

The nomination should include evidence of the candidate's contribution in the form of written recommendations from the sponsors and others as appropriate, specifying the candidate's outstanding accomplishments and contributions that have benefited the field of nuclear reactor physics to the degree meriting consideration for the Eugene P. Wigner Reactor Physicist Award. A curriculum vita along with a bibliography of major publications including documentation of participation in symposia and conferences should be attached.

The selection of the Eugene P. Wigner Reactor Physicist Award is determined by critical review and assessment of submitted credentials and qualifications; hence, due care should be exercised in preparation of the nomination package. In the process of review and selection, emphasis is placed on excellence of achievement in the field of nuclear reactor physics as evidenced by (a) outstanding original research, documented in referenced scientific journals or major publications and by (b) outstanding leadership in reactor physics. The national Honors and Awards Committee is available for consultation and review as appropriate.

The deadline for receipt of nominations is April 1.

SEE ADDENDUM FOR PREVIOUS RECIPIENTS

ROCKWELL LIFETIME ACHIEVEMENT AWARD

Description

The Rockwell Lifetime Achievement Award (also known as the Rockwell Award) is based on long-term or lifetime achievement in research, technology development, or education in the fields of radiation protection, shielding, or dosimetry. It is expected that most recipients will have been long-time active members of the Society. Moreover, most recipients will be authors of publications, who made significant contributions to the state of the art in the Radiation Protection and Shielding (RP&S) area.

This award will be awarded to an individual or group of individuals when working closely together and contribute equally to accomplishments no more than once a year and need not be made in all years. The award may be given posthumously.

This award consists of an engraved plaque and monetary award of \$500.

Background

This award was established by the Radiation Protection and Shielding Division (RPSD) in November 1986 by presentation of the initial award to its namesake, Theodore Rockwell, III, on the 30th anniversary of the publication of his contribution titled *The Radiation Shielding Design Manual*.

Selection Method

Nominations should be sent to the Chair of the Honors and Awards Committee of the RPSD. The Executive Committee of the Division elects recipients by 80% positive vote of the members present at a regularly scheduled meeting.

Nominations must include the completed nomination form accompanied by the following supporting documents:

- A letter of recommendation
- A narrative summary of about 1,000 words, including accomplishments, period of activity, and significance of achievements
- A list of publications
- A brief chronological resume
- Letters of support (support letters recommended but not required, no more than five)

The Chair of the RPSD then notifies the recipient after their election by the Executive Committee. The Chair will have an announcement of the award prepared for ANS News. The award is presented by the Division Chair at a suitable occasion selected by the Executive Committee. The national Honors and Awards Committee is available for consultation and support as appropriate.

Nominations can be made to the Chair of RPSD at any time.

SEE ADDENDUM FOR PREVIOUS RECIPIENTS

RAY GOERTZ AWARD

Description

The Ray Goertz Award recognizes and honors outstanding contributions to the field of remote technology in hazardous environments.

Nominees are judged by their contributions to the advancement and/or application of remote technology in hazardous environments. It is preferred that the nominator and nominee are members of RRSD but will be considered from non-ANS/non-RRSD individuals who have directly contributed to RRSD (e.g., papers, topical presentations).

The award consists of an engraved plaque and a monetary award of \$2,500 presented at the RRSD Topical when held.

Background

This award was established by the Robotics & Remote Systems Division in 1985, to honor the late Raymond C. Goertz for his lifetime contribution to the advancement of remote handling systems and for his development of the master-slave manipulator.

Selection Method

This award is administered by RRSD. The division establishes the detailed evaluation criteria, solicits the nominations, and determines the recipients. Division officers and committee members are not eligible during their terms in office. The national Honors and Awards Committee is available for consultation and review of criteria and procedures as appropriate.

Nominations should be submitted to the RRSD Honors & Awards Chair.

Nominations must include the completed nomination form accompanied by the following supporting documents:

- A letter of recommendation from the nominator
- A narrative summary of about 500 words, including accomplishments, period of activity, and significance of achievements
- A list of publications (if applicable)
- A brief chronological resume
- Letters of support (support letters recommended but not required; no more than five)

The deadline for receipt of nominations is March 1.

For more information, Nomination Form and list of former recipients, please visit the [Robotics and Remote Systems Division website](#).

SEE ADDENDUM FOR PREVIOUS RECIPIENTS

THD TECHNICAL ACHIEVEMENT AWARD

Description

The THD Technical Achievement Award recognizes outstanding past or current technical achievement. The Technical Achievement Award is the highest award given by the Thermal Hydraulics Division. It is normally presented to a member of THD; however nominees need not be members of THD. Any ANS member is eligible for the Technical Achievement Award.

The THD governing documents do not preclude an officer of the THD from receiving the award. The THD Technical Achievement Award is based on a major contribution to the state of the art, an important publication, a major technical achievement, or a sustained record of accomplishment and technical excellence in the art or science of Thermal Hydraulics.

The award consists of an engraved plaque and a monetary award of \$1,000. The award is presented at the ANS Winter Meeting or a Topical Meeting supported by the Thermal Hydraulics Division.

Background

This award was established by the Thermal Hydraulics Division in 1984 and became a division-administered national award in 2006.

Selection Method

Nominations for this award are made directly by the THD membership or others in the technical community. Anyone in the technical community may submit a nomination package for the award.

Nominations must include the completed nomination form accompanied by the following supporting documents:

- A letter of recommendation from the nominator
- A narrative summary of about 500-1000 words, including accomplishments, period of activity, and significance of achievements
- A list of publications (if applicable)
- A brief chronological resume
- Letters of support (3 support letters required; no more than five)

The THD Honors & Awards Committee, rather than the THD officers or Executive Committee, is responsible for reviewing the nomination packages and selecting an appropriate winner. If members of the THD Honors & Awards Committee are considered for the THD award, they recuse themselves from the selection process.

Nominations are valid for three years from the date of submittal, but are only re-entered by the nominator sending an addendum, updating the original nomination, or sending a letter requesting that their candidate be re-entered on the next ballot.

The deadline for receipt of nominations is August 1.

SEE ADDENDUM FOR PREVIOUS RECIPIENTS