

MANUAL

HONORS AND AWARDS

RADIATION PROTECTION AND SHIELDING DIVISION

AMERICAN NUCLEAR SOCIETY

Acknowledgment

The Radiation Protection and Shielding Executive Committee on November 1978 approved the first version of the manual for the Honors and Award committee. The document was revised again in 1979, 1984, 1990, 1991. This revision of the document was approved by the Executive Committee on November 1997.

We, the Honors and Award Committee, express our gratitude to Dr. Kenneth Shultis at Kansas State University and Dr. William Urban at Los Alamos National Laboratory for their contribution to the Honors and Award Manual.

Michael H. Momeni, Ph.D.
Chair, Honors and Award Committee
June 1998.

Table of Contents

[ANS FELLOW](#)

[1.1 BACKGROUND](#)

[1.2 QUALIFICATIONS](#)

[1.3 PROCEDURES](#)

[DIVISION SERVICE AND PROFESSIONAL EXCELLENCE AWARDS](#)

[2.1 BACKGROUND](#)

[Service Recognition Award](#)

[Professional Excellence Award](#)

[2.2 PROCEDURES](#)

[2.3 SCHEDULE](#)

[BEST PAPER AWARD](#)

[3.1 BACKGROUND](#)

[3.2 PROCEDURES](#)

[3.3 SCHEDULE](#)

[RADIATION PROTECTION AND SHIELDING DIVISION](#)

PAST CHAIRPERSON AWARD

4.1 BACKGROUND

4.2 PROCEDURES AND SCHEDULE

ROCKWELL AWARD

5.2 PROCEDURES

ATTACHMENT 1: FELLOWS

ATTACHMENT 2: PAST RECIPIENTS OF DIVISION SERVICE AND PROFESSIONAL EXCELLENCE AWARDS

ATTACHMENT 3: PAST BEST PAPER AWARD RECIPIENTS

ATTACHMENT 4: PAST DIVISION CHAIRMEN

ATTACHMENT 5: ROCKWELL AWARD RECIPIENTS

ATTACHMENT 6: Everitt P. Blizard Memorial Scholarship

ANS FELLOW GRADE

1.1 BACKGROUND

The American Nuclear Society established in 1954 the honor of Fellow of the Society. The objective was to recognize members for distinguished contributions to the advancement of nuclear science and engineering or of applied arts and science. Elevation to the status of Fellow is attained through peer recognition and election by the Board of Directors. Newly elected Fellows are formally inducted into ANS Fellowship by the President of the Society. The Fellows are presented with a certificate at the Awards luncheon either at the Annual or Winter Meeting of the Society.

1.2 QUALIFICATIONS

The honor of being accorded the highest membership grade of the Society is reserved for senior members of good reputation who shall:

1. be at least thirty-five (35) years of age;
2. have served as an active voting member of the Society for five (5) or more years; and
3. Have compiled a professional record of experience marked by significant contribution to the advancement of one or more of the various technical

disciplines served by the society.

The promotion of Fellow requires a willingness and formal acceptance on the part of the candidate to be designated as an ANS Fellow. In addition, members of the Society Honors and Awards Committee, under whose purview the Fellowship program is conducted are excluded as nominators of, as well as candidates for, Fellow during their respective terms of office. Radiation Protection and Shielding Division (RPSD) members who are fellows are listed in attachment 1.

1.3 PROCEDURES

Nominations are made on a standard form "Nomination For Fellow Member," available from the Executive Office of ANS. Five sponsors of Member or Fellow grade are required, one of which must be a Fellow. One sponsor shall be designated as the principal sponsor. Sponsors of a given candidate should be broadly dispersed geographically and only one should normally be from the home institution of the candidate.

The worthiness of a given candidate for advancement to Fellow grade is determined by a critical review and assessment of submitted credentials and qualifications. Thus, the nomination package should be carefully prepared. In the process of review and selection, emphasis is placed on excellence of achievement. The documentation should include:

1. Notable original research or invention;
2. Scientific or technical leadership in a nuclear enterprise of substantial scope;
3. Superior teaching or contributions to improve education which is marked by high intellectual accomplishments, effective consulting of students, and recognition by colleagues and students;
4. Outstanding leadership in engineering design, construction, and operation of major equipment or facilities; or
5. Distinguished contributions in areas of health, safety, and regulation.

Evidence of the candidate's contributions shall be submitted by a written recommendation from the sponsors and others as appropriate. The recommendation should specify the candidate's outstanding accomplishments and contributions to the nuclear science. A bibliography of major publications and documentation of participation in symposia and conferences should be included.

At least annually, the Honors and Awards Committee of the Radiation Protection and Shielding Division should screen the list of Division members and selects one or more members for nomination. A suitable individual, preferably a Fellow, is solicited to become principal sponsor and take responsibility for the nomination that includes preparing the nomination forms. The committee may provide blank forms to the sponsor. Such a procedure can also be initiated upon request for a nomination originating outside the committee if, in the judgment of the committee, the nominee is sufficiently qualified.

The chair of the RPSD Executive Committee prepares a letter of endorsement for each candidate and would be endorsed by the RPSD Honors and Awards Committee.

1.4 SCHEDULE

Nominations are screened by the ANS Honors and Awards Committee, and its favorable recommendations are forwarded to the Society's Board of Directors for election. To be eligible for consideration, approval, and subsequent recognition at the ANS Annual Meeting, complete information must be submitted to ANS Headquarters by February 1. Similarly, to be eligible for recognition at the ANS Winter Meeting, complete nominations must be received by August 1.

DIVISION SERVICE AND PROFESSIONAL EXCELLENCE AWARDS

2.1 BACKGROUND

Divisions should stimulate members to participate in Society and Division activities. They should also recognize excellence in such participation. One means

for such recognition (and stimulation) is awards to individuals. Awards can be in recognition of excellence in professional accomplishment, including submission of outstanding technical papers to meetings or to the Society's journals. Awards can also recognize outstanding support of or participation in Division or Society activities. The following awards are given annually by the Radiation Protection and Shielding Division:

Service Recognition Award

This award may be presented to one or more persons in the Division on an annual basis. The award is in recognition of outstanding past or current service to the Society and/or Division by a member of the Division. This award may be characterized as a distinguished service award or outstanding service award.

Professional Excellence Award

This award may be given to one or more individuals in the Division each year on the basis of outstanding past or current professional contribution. The basis for this award would usually be a major contribution to the state of the art, an important publication, a major technical achievement, or a sustained record of significant accomplishment and technical excellence.

The award will be a citation and either a plaque, or other appropriate memento, with a pertinent inscription such as the name of recipient, name of award, ANS logo, and Division name. Awards have been made to the individuals listed in Attachment 2.

2.2 PROCEDURES

The Honors and Awards Committee will solicit the Division membership annually for names for both of these awards. The solicitation will be announced in the Division Newsletter and members of the Honors and Awards Committee may also make direct solicitations of individual Division members. Sufficient information supporting the nomination must be provided by the nominator both to inform the Division Executive Committee of the nominee's qualifications as well as to serve as the basis for an appropriate citation.

Documentation for the nominees (at a minimum, draft citations) will be transmitted to the Honors and Awards Committee. The Executive Committee makes the final selection of a nominated individual. The awards and certificates with appropriate citations will be procured by the Honors and Awards Committee and presented by the Division Chairperson, usually at the Society's annual or winter meeting. The awards will be announced in the Division column in RPSD Newsletter and ANS News.

2.3 SCHEDULE

1. Nominees are to be obtained by the Honors and Awards Committee by first of March.
2. Nominations (including supporting documentation) are presented to the RPSD Executive Committee for approval at the Annual meeting.
3. The Chair of the RPSD then notifies the selected recipients and prepares an announcement for ANS News.
4. The Honors and Awards Committee prepares citations, certificates, and either plaques, or other suitable mementos for the recipients. Figures 2.1 and 2.2 are examples of citation certificates.
5. The awards are presented at the next appropriate meeting.

BEST PAPER AWARD

3.1 BACKGROUND

The Honors and Awards Committee is charged with the development of procedures for the selection of the Outstanding Technical Papers and the Best Technical Paper. The selection applies to any ANS Annual, or Winter, or Topical meeting in which the RPSD sponsors a full complement of sessions. Both invited and contributed papers are to be considered. The authors of the best paper are awarded \$100, to be divided equally among the authors.

3.2 PROCEDURES

It is the responsibility of the members of the Program Committee who review the papers for each of the RPSD sponsored technical sessions to select at least three outstanding paper. The Chair of the Program Committee is responsible for providing as soon as possible to the Chair of the Committee the names of the selected papers. These papers are the candidates (Outstanding Papers) for the selection of the best paper.

The Chair of the H&A Committee appoints a panel of judges and a chief judge to hear the presentation of each of the outstanding papers. Each judge must evaluate all of the presentations according to the established criteria. The H&A Committee will determine the recipient(s) of the Best Paper award based on the evaluation and recommendation of the judges. The RPSD chairperson will award the recipient(s) the monetary award when practicable. At the annual meeting, the Chairperson will also present the Best Paper Citation and the Outstanding Paper Citation to the first listed authors or to a designated representative of each of the papers. The award will be announced in the Division column in the Division Newsletter. The name of previously selected Best Paper awards is listed in Attachment 3.

3.3 SCHEDULE

1. At each Winter Meeting Paper Review and selected Topical Meeting Paper Review, the Paper Review Committee nominates at least three outstanding papers from the Division sponsored technical sessions. The Program Review Committee also recruits session chairs. After the paper-review meeting, the Chair of the RPSD Program provides to the H&A Committee chair the list of papers, the name of the session chairmen and a copy of each selected outstanding paper.
2. The Honors and Awards chair advises the lead author of each paper by letter. The Chair also advises the lead authors that the list of the papers will be published in RPSD Newsletter unless the authors would object to the announcement.
3. The Honors and Awards chair appoints at least three division personnel to serve on the judging panel and a chief judge about 6 weeks before the

meeting. The H&A Committee chair provides to each of the judges a written evaluation instruction and a copy of each Outstanding Papers. An example of the evaluation form is shown in Fig. 3.1.

The Chief Judge collects and compiles the evaluations from each of the judges. Then based on consultation with the other judges, the Chief Judge recommends to the H&A chair the name of the authors and the title of the selected best paper. The chief judge will send the documentation for the selection to the H&A Committee chair for archiving of the results.Ī

If the Chief Judge could not achieve consensus among the judges for the selection of the Best Paper, then the Chair would select the Best Paper after consultation with the Chief Judge and a careful review of the evaluations.

4. The H&A Committee chair informs the RPSD chairperson the name of the award winner. The chairperson then informs the winner by telephone. The monetary award will be mailed or presented when practicable.
5. The H&A Committee chair informs the lead authors of the outstanding papers (non-winning papers) of the name of the winner within 4 weeks following the meeting.
6. The H&A Committee chair sends thank-you letter to judges within 4 weeks of meeting.
7. The Committee chair obtains engrossed certificates from ANS headquarters and provides them to the RPSD chairperson for signature prior to the annual or winter meeting. Figure 3.2 shows as an example a copy of the certificate. Each of the authors of the Outstanding Papers, nominated for the Best Paper Award, would receive a citation and a letter of appreciation from the H&A Committee chair.

Author: _____

Title: _____

Date: _____

SUBJECT MATTER 4 3 2 1 Rating

Current Interest very high high medium low

Relevance to RPS very high high medium low

Technical Content very high high medium low

Originality very high high medium low

(* Comprehensives)

Advance State-of-Art very high high medium low

Clarity in describing the state of the art

PRESENTATION Method

Introduction and Explanation of Significance very high high medium
low

Organization of Material: very high high medium low

Use of Visual Aids: very high high medium low

Response to Questions: very high high medium low

Alternative criteria for review papers

Overall Rating (sum of above)

Reviewer _____

Fig. 3.1 An example of the rating form used for judging the Best Paper.

PAST CHAIRPERSON AWARD

4.1 BACKGROUND

This award is given to each outgoing chairperson of the RPSD by his successor when the chairmanship changes hands.

The award is either an inscribed gavel, gavel plaque, or other suitable memento. The inscription should bear the recipient's name, the Society logo, the name of the division, and the date.

All previous RPSD chairs have received gavels or gavel plaques in recognition of their service to the division. The names of the previous chairpersons of the RPSD are listed in Attachment 4.

4.2 PROCEDURES AND SCHEDULE

The H&A Committee chair would assist the RPSD chairperson-elect to procure the award. This award is presented during the Annual Meeting at the RPSD Executive Committee Meeting.

ROCKWELL AWARD

5.1 BACKGROUND

The award for a Lifetime Achievement, or the Rockwell Award, is based on long-term contribution in research, development of technology, or education in radiation measurement, protection, shielding, and dosimetry. It is expected that most recipients will have been long-time active members of the American Nuclear Society. Moreover, most recipients will be authors of publications that made significant contributions to the science of radiation protection and shielding. The monetary reward for Lifetime Achievement Award is \$500 and it would be

accompanied by a suitable citation and plaque. The name of the past Lifetime Achievement Award recipients are listed in Attachment 5.

5.2 PROCEDURES

The Lifetime Achievement recognition is awarded no more than once and usually less each year. The award may be given posthumously. Nominations, accompanied by supporting documentation, can be made by any ANS member to the Chairperson of the RPSD. Recipients are elected by the Executive Committee of the Radiation Protection and Shielding Division by 80% ballot of the members present at a regularly scheduled meeting. After the election by the Executive Committee, then the Chairperson of the RPSD would notify the recipient. The H&A Committee chair will prepare an announcement of the award for ANS News. The Chairperson of the RPSD will present the Lifetime Achievement Award at an occasion selected by the Executive Committee.

Figure 4.1 shows as an example a citation for the Rockwell Award.

ATTACHMENT 1

RADIATION SHIELDING AND PROTECTION DIVISION The Fellows of the American Nuclear Society

Mohammed A. Abdou

Raymond E. Alcouffe

R. G. Alsmiller, Jr.

Ramon L. Ashley

Yousry Y. Azmy (2002)

John R. Beyster

Everitt P. Blizard

Charles J. Bridgman

Gordon L. Brownell

Anthony R. Buhl
Dan G. Cacucci
Max W. Carbon
Bengt G. Carlson
Leland L. Carter
Arthur B. Chilton
Eric T. Clarke
C. E. Clifford
John C. Courtney
Gail de Planque
Gerard D. Saussure
Donald J. Dudziak
Charles M. Eisenhauer
Thomas S. Elleman
Ward W. Engle Jr.
Frank Feiner
Anthony H. Foderaro
Norman C. Francis
Ely M. Gelbard
Eugene Goldberg
Herbert J. Goldstein
Glen A Graves
Gordon E. Hansen
Luisa F. Hansen
Donald R. Harris, Jr.
Robert J. Howerton
John H. Hubbell
Henry Hurwitz
Tomonori Hyodo
Dan T. Ingersoll
Francis S. Jana
W. Reed Johnson
Clyde P. Jupiter
William Kerr
William E. Kreger
Kaye D. Lathrop

Kenneth E. Lewis
Fred Maienschein
Betty F. Maskewitz
Charles W. Maynard
J. E. I. McLaughlin, Jr.
Lawrence Meem, Jr.
Walter Meyer
Dade W. Moeller
Ira L. Morgan
Karl Z. Morgan
Fred R. Mynatt
L. Manning Muntzing
Lothar W. Nordheim
Keran O'Brien
Sol Pearlstein
Robert W. Peelle
John W. Poston
Norman C. Rasmussen
Martin E. remley
A. David Rossin
Robert W. Roussin
Massimo Salvatores
Robert T. Santoro
Mohamed E. Sawan
Norman M. Schaeffer
Robert L. Seale
Kalman Shure
Lewis V. Spencer
Bernard L. Spinradiiiiiii
Edward A. Straker
David K. Trubey
Nick Tsoulfanides
Edward A. Warman
Bernard W. Wehring
R. Michael Westfall
J. Ernest Wilkins, Jr.

ATTACHMENT 2

PAST RECIPIENTS OF DIVISION SERVICE

AND PROFESSIONAL EXCELLENCE AWARDS

1975	Marshall Grotenhuis and Betty F. Maskewitz
1976	Norman M. Schaeffer and Keran O'Brien
1977	Herbert Goldstein and A. Edward Proflo
1978	R. L. Ashley and David E. Bartine
1979	F. R. Mynatt and W. W. Engle, Jr.
1980	R. J. LaBauve and E J. Muckenthaler
1981	M. A. Capo and W. A. Rhoades
1982	J. C. Courtney and B. A. Engholm
1983	J. C. Courtney and B. A. Engholm
1984	W. Bunch and G. Lahti
1985	T. A. Gabriel and R. K. Disney
1986	L. Spencer and R. E. Faw
1987	Radiation Shielding Information Center (RSIC)
1988	C. Eisenhower (T) and R. Johnson (S)
1989	J. Hubbell (T) and W. Bunch (S)
1990	K. Shure (T) and R. Roussin (S)
1991	Y. Harima (T) and J. Cardito (S)
1992	L. Carter (T) and D. Ingersoll (S)
1993	R. Malenfant (T) and W. Hopkins (S)
1994	J. Greenborg (T) and E. Normand (S)
1995	D. Dudziak (T) and N. Tsoulfanidis (S)
1996	R. MacFarlane (T) and M. Emmett (S)
1997	William T. Urban (S)
1998	Not Awarded
1999	Not Awarded
2000	Not Awarded
2001	Not Awarded
2002	Not Awarded
2003	R. C. Little (T) and B. L. Kirk (S)

* (T) = Professional Excellence; (S) = Service

PAST BEST PAPER AWARD RECIPIENTS

June 1978: San Diego, California

N.E. Hertel and B. E. Wehring, University of Illinois, Photoneutron and δ Delta δ Cf Dose Comparisons of Radiotherapy Shielding.

A. Dubi, S. A. W. Gersti and D. J. Dudziak, Los Alamos Scientific Laboratory, A Monte Carlo Method for Deep-Penetration Shielding Problems Based on δ Contribution Theory.

November 1978: Washington, DC

R.C. Jotti and T. L. Yang, Ebasco Services, and W. H. Rogers, Florida Power and Light, Reactor Cavity Streaming -- The Problem and Engineered Solutions.

June 1979: Atlanta, Georgia

R.T. Santoro, R. A. Lillie, R. G. Alsmiller, and J. M. Barnes, Oak Ridge National Laboratory, Shielding Calculations for the TFTR Neutral-Beam Injectors.

November 1979: San Francisco, California

R.E. MacFarlane, Los Alamos Scientific Laboratory, Energy Balance of ENDF/B-V.

June 1980: Las Vegas, Nevada

W.R. Johnson, W. H. Rasin, G. E. Carlson, and M. Pope, University of Virginia, A Novel Wide-Range Environmental Gamma-Ray Dosimeter.

November 1980: Washington, DC

D.C. George, T. R. England, and R. J. LaBauve, Los Alamos Scientific Laboratory, and C. W. Maynard, University of Wisconsin, Delayed Photon Sources for Shielding Applications.

June 1981: Miami, Florida

M.E. Sawan, G. A. Moses, and G. L. Kulcinski, University of Wisconsin, Time-Dependent Radiation Damage to the First Wall of a Heavy Ion Beam Fusion Reactor with Porous Tube Protection.

December 1982: San Francisco, California

A.T. Luksic and W. L. Bunch, Hanford Engineering Development Laboratory, Lessons Learned from FFTF Hot Cell Shield Measurements.

iiiiiii June 1982: Los Angeles, California

L.J. Perkins, University of Wisconsin, Generation of DT and DD Neutrons from High-Power Neutral Beam Dumps.

November 1982: Washington, DC

G.P. Estes, R. C. Little, R. E. Seaman and P. D. Soran, Los Alamos National Laboratory, Air Transport in Connection With the Hiroshima-Nagasaki Dose Reevaluation Effort.

June 1983: Detroit, Michigan

D. Ingersoll, Oak Ridge National Laboratory, Survey of Shielding Data and Methods for Fuel Reprocessing Applications.

November 1983: San Francisco, California

L.L. Carter, Westinghouse Hanford Engineering Development Laboratory, and J. S. Hendricks, Los Alamos National Laboratory, Biasing Anisotropic Scattering Kernels for Deep-Penetration Monte Carlo Calculations.

B.H. Weren, Westinghouse Electric Corp., and J. E. Faulkner, Advanced Energy Systems, (,n) Neutron Source in Commercial High Level Waste.

Note: If you would know the correct sequences of the names for this paper, please inform the RPSD H&A Committee Chair.

June 1984: New Orleans, Louisiana

R.L. Childs and W. A. Rhoades, Oak Ridge National Laboratory, The Linear Nodal Method for Shielding Applications.

November 1984: Washington, DC

J.M. Rich, J. L. Westbrook, and G. P. Lahti, Sargent & Lundy Engineers, Radiological Aspects of Hydrogen-Addition Water Chemistry at BWRS.

June 1985: Boston, Massachusetts

NOTE: After this meeting, RPSD selected the best paper at the fall meeting and at selected topical meetings.

November 1985: San Francisco, California

R.E. Maerker and B. L. Broadhead, Oak Ridge National Laboratory, Correlations Between Calculated Surveillance Dosimeter Activities and Pressure Vessel Fluxes in the Arkansas Nuclear One-Unit Reactor.

November 1986: Washington, DC

A.H. Fero, Neutron and Gamma-Ray Flux Calculations for the VENUS PWR Engineering Mockup.

November 1987: Los Angeles, California

J.K. Shultis and R. E. Faw, Kansas State University, Use of Skyshine Response Functions for Collimated and Shielded Gamma-Ray Sources.

November 1988: Washington, DC

S.K. Bhatnagar, Stone and Webster, Simplified Determination of Radiation Environment Outside BSW Penetrations. ⁱⁱ *Note: If you would know the correct sequences of the names for this paper, please inform the RPSD H&A Committee Chair.*

November 1989: San Francisco, California

ⁱⁱ (RPSD did not select the best paper at this meeting.)

November 1990: Washington, DC

C. Eisenhauer, National Institute of Standards & Technology, Slab Transmission and Reflection for Point Source and Point Detector.

November 1991: San Francisco, California

N.J. Morley and M. S. ElGenk, University of New Mexico, Radiation Shield Analysis for a Manned Mars Rover.

November 1992: Chicago, Illinois

Note: If you would know the author and the title of the paper, please inform the Chair of the RPSD H&A Committee.

November 1993: San Francisco, California

K.J. Heider and K. J. Morrissey, Yankee Atomic Electric Company, Determining Yankee Nuclear Power Station Neutron Activation.

November 1994: Washington DC

Walter A. Roberts, Wayne State University, The MCNP Design of Patient Shielding in Total Skin Electron Beam Radiotherapy.

November 1995: San Francisco, California

M.D. DeHart, O. W. Herman, and Cecil V. Parks. Oak Ridge National Laboratory, Validation of SCALE Depletion Methods for PWR Spent Fuel Isotopic Characterization.

November 1996: Washington, DC

N.E. Hertel, M. Evans, J. A. Mulholland, H. M. Coward, Georgia Tech., D. A. Burge, Westinghouse SRC, Radiological Assessment of a Mixed-Waste Incinerator.

November 1997: Albuquerque, New Mexico

D.G. Napolitano, N.J. Romano at NAC International, N.E. Hertel at Georgia Institute of Technology and Y.J. Yu at Yankee Atomic Electric Company, Shielding Analysis of the NAC-MPC Storage System.

-

April 1998 Topical Meeting: Nashville, Tennessee

iiiiiii T.M. Evans and J.S. Hendricks, Los Alamos National Laboratory,

An Enhanced Geometry-Independent Mesh Weight Window Generator for MCNP.

iiiiiii November 1998: Washington, D.C.

Michael P. Valenzano, Kenneth G. Veinot, and Nolan Hertel,iiii

Neutron Measurements in the Vicinity of a Self-Shielded PET Cyclotron

-

K. M. Richardson, L. W. Townsend, E. N. Zapp,

Annual Doses to Interplanetary Astronauts From Large Solar Particle Events:
1987-1993

November 1999: Los Angeles, California

iiiiiii G.Patrick, Roberson, Harry E. Martz and David T. Nisius

iiiiiii Assay of Contained Waste Using Active and Passive Computed Tomography.

ii

ATTACHMENT 4

PAST DIVISION CHAIRMEN

1962	Marshall Grotenhuis
1963	H. Goldstein
1964	R. L. Ashley
1965	W. E. Kreger
1966	F. Ashwbrenner
1967	E.T.Clarke
1968	P. S. Mittelman
1969	A. B. Chilton
1970	A. H. Foderaro
1971	H. E. Hungerford
1972	J. R. Beyster
1973	D. J. Dudziak
1974	W. R. Johnson
1975	D. K. Trubey
1976	E.A.Straker
1977	F. R. Mynatt
1978	W. L. Bunch
1979	S. A. W. Gerstl
1980	W. B. Kreger
1981	G. P. Lahti
1982	M. J. Kolar
1983	D. E. Bartine
1984	E. T. Boulette
1985	S. E. Binney

1986 R. K. Disney
1987 R. W. Roussin
1988 N. Tsoulfanidis
1989 W.J.Johnson
1990 J. M. Cardito
1991 D. T. Ingersoll
1992 W. C. Hopkins
1993 M. B. Emmett
1994 W. T.Urban
1995 L. L. Carter
1996 N. E. Hertel
1997 J. W. Poston
1998 J. Greenborg
1999 B. L. Kirk
2000 R. Little
2001 L. S. Waters
2002 L. F. Miller
2003 J. O. Johnson
2004 J. D. Court

ATTACHMENT 5

ROCKWELL AWARD RECIPIENTS

1986 Theodore Rockwell II
1987 Arthur B. Chilton
1989 Herbert Goldstein
1991 David K. Trubey
1995 Norman Schaeffer (presented in 1996)
1997 Wilbur L. Bunch
2003 Robert W. Roussin

ATTACHMENT 6

Everitt P. Blizzard Memorial Scholarship AWARD RECIPIENTS

1995 Michael G. Cantaloub, Oregon State University
1996 Michael G. Cantaloub, Oregon State University

1997 Brian C. Franke, University of Michigan
1998 Brian P. Hanson, University of Michigan
1999 Roland R. Benke, University of Michigan
2000 Christopher S. Melhus, Massachusetts Institute of Technology
2001 Jennifer L. Hoff, University of Tennessee
2002 Not Awarded
2003 Kevin Patrick Lynn, University of Michigan