The Virginia Polytechnic Institute and State University’s Department of Dairy Science and Department of Food Science and Technology at Blacksburg, hosted the 67th annual meeting of the American Dairy Science Association in the best traditions of southern hospitality. The site for this annual meeting was well-chosen and timely.

Geographically and historically, Blacksburg and environs abound in recreational and historical tourist attractions such as the world famous Natural Bridge; Lexington and Appomattox; Abingdon and the Barter Theater; White Sulphur Springs; Hot Springs; Peaks of Otter on the Blue Ridge Parkway; Staunton, birthplace of Woodrow Wilson; and other more distant historic points are Williamsburg, Yorktown, Jamestown, and Monticello.

The Commonwealth of Virginia, known as the Old Dominion and one of the 13 original states, was the 10th state to ratify the constitution in 1788.

Virginia led in the movement for national independence early in the 17th century. It gave this country Thomas Jefferson, author of the Declaration of Independence; George Washington, leader of the Revolutionary Army; and Patrick Henry, first governor of a newly established Virginia Commonwealth in 1776.

The state flag of Virginia has a blue field in the center on which the state coat of arms is represented. The state flower is the dogwood; the state bird is the cardinal; and the state song is, Carry Me Back to Old Virginia.

The Virginia Polytechnic Institute and State University is completing its first century of service in 1972. The University originated from a small Methodist seminary, the Preston and Olin Institute. With the help of post-Civil War residents in Montgomery County and the state’s legislature, Virginia’s Land-Grant University was born.

The University has its fourth name and eleventh president. When it assumed assets of the Preston and Olin Institute there was one building and five acres of land. The citizens of Montgomery County provided a $20,000 bond issue, the first self-help educational program in Virginia.

From a humble beginning, the University has seven colleges: agriculture and life sciences, architecture, arts and sciences, business, education, engineering, and home economics. Student enrollment is about 13,000, including 3,000 women, 700 cadets, 7,300 undergraduate men, and 2,000 graduate students. The college of arts and sciences has the largest enrollment with engineering second. The college of agriculture and life sciences has about 1,200 students.

The University’s first Founder’s Day Program was observed on March 24, 1972, when a meeting of the Board of Directors was held to commemorate the first board meeting in 1872. On the same day the Board launched the University’s history, The First Hundred Years, written by Dr. D. L. Kimm. Montgomery County Day was May 23, honoring the far-sighted citizens who supported the bond issue that helped establish the Virginia Polytechnic Institute at Blacksburg.

The first half of 1972 was devoted to honoring the people and events responsible for the University’s progress. The last half year is being devoted to future plans for even greater growth and more services during the second century.

All facilities were efficiently and superbly arranged for the comfort and pleasure of members and their families and visitors, including well-equipped meeting rooms and auditoriums for scheduled and special sessions.

Dr. G. C. Graf was chairman of the planning committee.

Professors and their wives in the Department of Dairy Science and in the Department of Food Science and Technology were most gracious hosts and hostesses.

Officers and members of the American Dairy Science Association, one of the oldest learned societies in the United States, were honored for having been invited to hold their annual meeting during Virginia Polytechnic Institute and State University’s Centennial in the mountain Commonwealth of Virginia.

Opening Ceremony
Continuing an established tradition, the
opening session was in the Commonwealth Ballroom, Squires Student Center, at 7:30 PM July 26th. Professors R. G. Cragle, Department of Dairy Science and R. V. Lechowich, Department of Food Science and Technology, shared presiding duties.

Members of Virginia Tech Showmen sang the National Anthem, directed by Professor S. G. Kingma.

The invocation was by Rev. A. C. Payne, counselor for religious affairs.

Dr. T. Marshall Hahn, President, Virginia Polytechnic Institute and State University, gave the address of welcome. He appropriately reminded members and visitors that dairying began at Jamestown, Virginia, in 1606 with the arrival of 144 people and a few cows.

Dr. H. E. Calbert, President ADSA, gave the presidential address.

Again members and visitors were entertained by the musical Virginia Tech Showmen, a group of university students directed by Professor S. G. Kingma.

Mary Ann Weimer, Richmond, Virginia sang three songs: Try to Remember, Johnny, and Immigrants.

The quartet — King and Queen County, consisting of Cora Harvey, Clara Harvey, Martha Hill, and Debbie Thorne sang: Oh Happy Day and Bridge Over Troubled Waters.

John Boling with Posey Jones, accompanist, sang: I Did It My Way, Milk Is My Favorite Drink, and I Believe.

The Association’s Distinguished Service Award was presented by President Calbert to George W. Weigold, Managing Director, Dairy Society International, Washington, D.C.

The Association’s Award of Honor was presented by President Calbert to D. V. Josephson, Head, Department of Dairy Science, Pennsylvania State University, University Park.

After the opening session had adjourned, the informal reception was held in the Old Dominion Ballroom, Squires Student Center. This reception is popularly referred to as the largest “family reunion” in the United States.
President Hahn, Dean Jim Martin, faculty and staff of the Virginia Polytechnic Institute and State University, officers and members of the American Dairy Science Association, guests and friends. On behalf of the entire membership of the American Dairy Science Associations, I wish to express our sincere appreciation to our hosts here at VPI for their planning, hospitality, and hard work that they have put forth in accommodating our 67th annual meeting.

This annual meeting of our Association is unique in several ways. First, we are meeting about a month later than usual. Second, our meeting immediately precedes the annual meeting of the American Society for Animal Science on this campus. These two organizations have many members in common. On the day between our annual meetings, these two societies, along with the Poultry Science Association, are jointly sponsoring two symposia which should be of great interest to all members of these scientific organizations, as well as to our wives, friends and guests. All of you, who possibly can, are urged to attend these symposia.

Third, I am happy to announce that the newly elected vice president of the American Dairy Science Association for the coming year is VPI's Dr. Neal Boyd. So again, on behalf of our entire group, we want to thank our hosts for having us as their guests for our 67th annual meeting.

In reviewing the presidential addresses to ADSA for the past eight or ten years, I find that my predecessors have used this as an opportunity to report to the membership the activities of our Association during their tenure in office. I have attempted to do this on a monthly basis by a column in the Journal of Dairy Science. Assuming that some of our members have read these columns, a review of their contents would be redundant. However, I would like to single out a few developments that have taken place and, even though they may have been mentioned in the column, I would again like to call them to your attention.

As you registered you received a beautifully bound copy of the program of our annual meeting, including the abstracts of the papers to be presented. This has been made possible as a result of an agreement between Dairyland Food Laboratories, Inc. and our Association. Dairyland Food Laboratories has underwritten the cost of the art work, the cover, and the publication of the program. They have agreed to do this for a five-year period. Speaking for the entire membership of our Association, I wish to express our thanks and appreciation to Dairyland Food Laboratories for this fine support.

The Journal of Dairy Science is recognized as one of the outstanding scientific publications in this country. Maintaining these high standards and quality has been due in no small part to the tireless efforts of our editor-in-chief, Dr. E. O. Herreid, and our associate editor, Dr. L. D. McGilliard.

Dr. Herreid will be retiring as editor-in-chief at the end of the current year. I want to take this opportunity to express the appreciation of the entire Association to Dr. Herreid for the magnificent job that he has done.

A new procedure has been established for setting the term of office of the editor of our Journal. The editor now will have a tenure of three years. He will be assisted by an associate editor, Dr. McGilliard has served very well as associate editor, and will be assuming the duties of editor. It is with pleasure that I announce that Dr. John E. Kinsella of Cornell University will be filling the position of associate editor. At the end of three years the associate editor will succeed the editor. The editor and associate editor will alternate between a person from the Production Division and one from the Dairy Foods Division. Some of the routine duties of the editors are being assumed by our central office. We believe this will give prompter service to the authors, and will maintain the high standards of quality that the Journal has achieved.

As many of you are aware, printing costs, like other costs, have been increasing. We found that if we stayed with the former printing house the costs of our Journal would reach the point where it would be necessary to increase the dues of our Association. Through the fine efforts of our Executive Secretary, Mr. Claude Cruse, we have been able to enter into a contract with another printing firm to print the Journal.

We are very satisfied with the quality of
their work, and believe that the reader of the Journal will not be able to detect a difference. However, there certainly will be a difference in our treasurer's report. We find by making this change and with other efficiency and economies instituted by our Executive Secretary, we have been able to hold the line in our membership dues. We feel this is no mean achievement in this day and age. In fact, if you will attend the business meeting, you will find from our treasurer's report that we have had a fairly successful year, and are finishing the year in the black.

During the past year in one of my columns in the Journal I mentioned that we were undertaking a program to aid in getting journals or publications that were no longer wanted by our members into some of the libraries or schools in developing countries. Again, I must express my appreciation to our membership for their response. About a month ago Secretary Cruse informed me that at least 25 different persons had offered journals and publications. Our Association has been able to assist in the transfer of these to the proper schools and libraries. The International Relations Committee is developing a program that will facilitate this type of activity and expand it.

At last year's business meeting some discussion concerned the possibility of the formation of a federation of animal science societies. It was not the intent that any society should lose its identity or be subjugated to some overall governing board. Rather, it was believed that a federation could be formed with representation from member societies. The federation could act as spokesman for the animal science societies and keep the public informed as to the scientific information available that would relate to the solutions of new and recurring problems concerning meat and animal products in our food supply.

During the past year representatives from several of the societies have met and have drawn up a tentative constitution for such a federation. Naturally, it will have to be reviewed by each individual society. It is an open sort of federation, allowing new societies or other societies to join as they see fit. There will be more information on this in the year ahead. I feel this is a step in the right direction toward bridging the gap between the scientific community and the ultimate consumer. I urge you to watch this development. At the proper time you will have the opportunity through the ballot to express your opinion as to how it should develop, and what it should do. Please, no matter what your feelings are, review it thoroughly before making your final decision.

I would like to finish my presentation by commenting on some challenges and changes that we may face in future years. As I mentioned earlier, printing and publication costs are rising and we see no halt to this increase in cost. This, of course, accounts for a good share of our membership dues. Eventually, to cover this cost, it will be necessary to increase dues. Yet, there is a limit to this. What can be done? A possible solution to this dilemma might be as follows. The technology is available—it's just a question of when it will become economically feasible to put it into practice.

Authors will submit papers in the usual manner as they are doing now. They will be reviewed by an editorial board in the same manner as now. But at that point the procedure will change. These papers will have abstracts which will be published each month for our membership. A member will be able to review the abstracts, and for his membership will be allowed a set number of reprints of papers of interest to him each year. The author's papers will be placed on microfilm, and as a request comes in for the paper, a print of the microfilm will be sent out. A complete print-out from the microfilm could be made for libraries. The average member then will receive only the papers in which he has an interest. There are many shortcomings and problems with this system, but it's probably the forerunner of an even better system which will be adapted by other scientific journals in the years to come.

All of us are familiar with the trend that is occurring in the consumption of dairy products. A few dairy products have been increasing in per capita consumption, but on the whole, the per capita consumption of milk has been dropping. An increasing population has helped to offset this to some extent, but we are finding that the population in this country is beginning to stabilize. New uses for milk must be developed if we are to have a strong dairy industry.

It appears there is a tremendous opportunity for milk constituents to be used as ingredients in other foods, but to the average food processor it presents some problems. He can buy salt, sugar, and other types of ingredients of a standard chemical composition, and he knows the behavior of these products in whatever process he might be using. However, milk constituents, due to some inherent variabilities, oftentimes present problems to the food processor. He cannot always be sure that the same
type of milk constituent will behave the same way in his process at all times of the year, year in and year out.

There are many functional properties of milk constituents that we do not understand, and that have not been thoroughly studied. In fact, we are not sure of the variation in many of these constituents if they occur, and to what extent. To get a better understanding of the functional properties of milk constituents presents a tremendous challenge to our research capabilities.

Currently much concern is being raised regarding the use of certain types of growth stimulants, hormones, and other feed additives. Their use has enabled the production of high quality meats and dairy products at reasonable costs. These additives are undergoing tremendous scrutiny, some justifiably so, and some not. Eventually other methods or procedures must be found to produce the type of meat and dairy animals that our society needs. It is a difficult challenge. It starts with the reproductive studies and carries right on through to the final marketable product.

Our educational systems are being challenged. In every school and university the curriculum is undergoing change. Change is not necessarily a sign of progress, but progress involves change. I am very happy that we have active committees in our Association who are continually studying curriculum changes and improvements in methods of teaching. Our Association has awards for excellence in teaching. These awards are being expanded.

I am not an advocate of curriculum accreditation, but I do think that in these days of rising costs of education, and the fact that financial support for education is becoming increasingly difficult, we must take a hard look at what and how we teach. We must keep in mind that the learning process is not completed when the student receives his degree, but should continue the rest of his life. Our responsibility is to challenge the student while we can, and to stimulate his learning process long after he has left our classroom.

We are going to find many other challenges. Invariably membership comes up. Our membership committee has been doing an excellent job, but again we cannot rest on past laurels. This will be a continual challenge. Our interests are broadening; our divisions and sections will increase in number. We hope that many people in related scientific endeavors will find a common meeting ground and an ideal place to exchange ideas and information in the American Dairy Science Association.

I want to thank the Association officers and members for the support they have given me during the past year. I wish all of you a very profitable and stimulating 67th annual meeting.

ASSOCIATION AWARDS PROGRAM

The awards program which is the highlight of the annual meetings of the Association, was held on Friday evening, July 28, 1972, Squires Student Center, VPI and SU, Blacksburg. Dr. H. E. Calbert, ADSA President presided at the program where approximately 1,200 members, wives and guests gathered to honor the recipients of the annual awards. During the program the audience was delightfully entertained by the musical group, The New Virginians, Choral Music Organizations, VPI and SU.

The recipients of the 1972 awards brings the total presentations to 184 since the awards program originated in 1937, at which time the Borden Awards were presented for the first time.

Following the presentation of the awards Dr. Calbert expressed appreciation to Dr. J. E. Legates, North Carolina State University, Raleigh, and Dr. J. K. Loosli, currently on foreign assignment, both of whom have completed their terms as directors. Dr. E. N. Boyd completed a two year appointment to the Board and was installed as the newly elected Vice President of the Association. Dr. T. H. Blosser, Washington State University, and Dr. M. E. Gregory, North Carolina State University, Raleigh, were congratulated on their election to the Board of Directors for a three year term.

Citation for A. Dare McGilliard, Recipient of the American Feed Manufacturer's Award for 1972

The recipient of the 1972 American Feed Manufacturer's Award is an extremely able scientist who has made major contributions in the area of nutritional physiology and experimental surgery.

A native of Oklahoma, he was born in 1926 and attended Oklahoma State University where he earned his B.S. in 1951 and further received his M.S. in 1952. He continued his graduate work at Michigan State University. One of his accomplishments there was the development of a re-entrant duodenal fistula. His Ph.D. thesis was on the application of fistula
techniques to the study of digestion and passage in the ruminant.

Upon completion of his Ph.D., he joined the staff at Iowa State University where he performed the research for which he earned this award. This research has focused on the absorption and transfer of nutrients. This has involved further development of methods of cannulating blood and lymph vessels, measurement of flow and composition of fluids, the mechanisms of absorption of glucose and fatty acids, and modes of transport in the body. He has designed an implantable hydraulic needle for sampling portal blood. He has made significant contributions to our understanding of the effects of diet upon development of the digestive tract, the metabolism of nutrients by mucosa, and the energy and protein requirements of dairy cattle.

He has willingly shared his broad knowledge with others and is an excellent teacher who is able to translate highly technical information into simple language. His work has received international recognition. He has been invited to participate in international symposia and has received visitors from many parts of the world.

It is with great pleasure that I present the 1972 winner of the American Feed Manufacturer’s Award, Dr. A. Dare McGilliard.

Citation for Dr. D. V. Josephson, Recipient of the American Dairy Science Association Award of Honor for 1972

The Award of Honor of the American Dairy Science Association was established as a means of acknowledging publicly appreciation for outstanding contributions which a member has made to the affairs of the Association during a period of 25 or more years. While the awardee typically has been active in a number of other segments of the dairy industry, these other activities receive only secondary consideration by the committee charged with selection of the recipient.

Donald Victor Josephson has been chosen by the selection committee as the 1972 recipient of the Award of Honor. The awardee received his Bachelor of Science degree from the University of Minnesota and his Master of Science and Doctor of Philosophy from Pennsylvania State University. Along the way, he took time out to gain somewhat over a year of industrial experience as a Research Chemist with the Borden Company. He stayed on at Penn State as a faculty member after completing his doctorate, but Ohio State University enticed him to spend 3 years there as an Associate Professor. In 1948 Penn State brought him back as Professor and Head of their Department of Dairy Science. In addition, he now holds the title of Chairman of the Division of Food Science.

The awardee has excelled as a teacher, a research worker and an administrator. In 1954, he received the Borden Award in the Chemistry of Milk from the American Chemical Society, in recognition of his research abilities. The students whom he has helped train over a period of years have gone on to many positions of importance in the Dairy Industry.

Dr. Josephson has served our Association in a great variety of ways. He progressed through the several offices of what was then the Manufacturing Section, served on the Board of Directors and was President of the Association in 1958. He has been a member and frequently chairman of numerous committees. He has been the Association representative to the National Research Council and has served on the Dairy Remembrance Fund, being Chair-
man of the Fund for several years. He has set an admirable example for his associates by his years of service and his support of many activities of the Association.

D. V. Josephson, The Pennsylvania State University, 1972 recipient of the ADSA Award of Honor receives plaque from President H. E. Calbert.

Citation for William Hansel, Recipient of the Borden Foundation Award for 1972

Your Borden Award Selection Committee has chosen a candidate from among a large group of outstanding scientists in both manufacturing and production disciplines. He is a Marylander by birth who received his BS degree from that State University. He served as an Infantry Company Commander in France and Germany and was wounded in action in 1945. After the war he completed his education at Cornell University where he received his Ph.D. in Animal Physiology in 1949. Our candidate received special training as a Guggenheim Fellow at University of Chicago, 1957, a Lalor Fellow at Cornell, 1961 and a National Science Foundation Fellow at Brisbane Australia in 1967, all in Animal Physiology. He is an excellent teacher and counselor of undergraduate and graduate students in endocrinology and physiology and many of his students have continued in physiology or medicine. This year’s Borden Award Nominee has shown diligence, foresight and originality in his research, and is one of this country’s foremost scientists concerned with bovine reproductive physiology. He has published more than 100 research papers on estrous cycle control, hormone assays in cow blood and tissues, nutritional problems as they affect animal fertility and reproduction, and in the isolation and identification of the causative agent of bovine hyperkeratosis. He has established basic principles which have been highly significant in the development of artificial insemination and improved breeding practices in dairy cattle. He has served on important national and university committees and has held a number of research grants in animal physiology. He has served on the Editorial Boards of several journals including Journal of Dairy Science and has participated in a number of international conferences and symposia. He is Professor of Animal Physiology, Department of Animal Science, Cornell University. On behalf of the 1972 Borden Award Selection Committee it is a pleasure to present for this year’s award the internationally recognized animal physiologist Dr. William Hansel.


Citation for T. I. Hedrick, Recipient of the Dairy Research, Inc. Award for 1972

The recipient of the Dairy Research Incorporated Award for 1972 has approximately 40 years experience in the dairy industry in positions of responsibility in research and production management. His originality, creativity, and foresight in research endeavors are illustrated by the wide variety of new products which have entered the market as a result of his research activity. The recipient has developed a process which has been patented for
rapid curing of blue cheese curd which reduced the commercial production from 60-120 days to 7-10 days. He has developed two cheese confections which are fruit flavored and chocolate flavored cream-type cheeses. Under his supervision, a new cheese referred to as Dagano Cheese was developed and is now one of the popular varieties in his state.

The recipient developed a frozen whipped cream and published recommended formulations several years before some of the commercial products were introduced to the market. He has also developed and published formulations for a whipped cultured milk dessert. His work has contributed to the improvement of natural smoke flavored cheese, flavored cultured buttermilk, and stabilized fruit flavored milks.

The recipient has also contributed materially to the development of the polyethylene laminants on paperboard milk cartons. Because of his research on U.H.T. pasteurization, he has been able to contribute to improve engineering of such equipment. His work also has contributed to promulgation of state laws permitting direct steam injection in the pasteurization of liquid dairy products. The recipient is well-known internationally for his research on air-borne contamination and methods of control in dairy plants.

Ladies and gentlemen, it is my privilege to present to you, Dr. T. I. Hedrick, Professor of Food Science and Human Nutrition, Michigan State University.

Citation for A. L. Rippen, Recipient of the DeLaval Award for 1972

The career of the 1972 recipient of the American Dairy Science Association DeLaval Extension Award is distinguished by more than 30 years of service in improving dairy products. The first half of this period was devoted to commercial activity in supervision of milk processing and packaging. In 1957 he became associated with the Dairy Department of a mid-western university as Extension Specialist in Dairy and Food Engineering and Manufacturing.

He was selected by his peers as the outstanding extension specialist in his state in 1968. His co-workers and associates attest to his ability to get along with people, command the respect and good will of all, stimulate and motivate others, endow them with the spirit of service and action, and superior ability to plan, organize and develop projects.

He helped organize the extension Section of the A. D. S. A. Manufacturing Division; helped prepare the by-laws for the Industry and Business Section and served as an officer for three years.

He has conducted innumerable training conferences for industry-related executives and technicians in his own state, participated in many for other states and nations.

His versatile ability and understanding of the entire dairy industry has created a demand for governmental units, dairy and related co-ops, other academic departments and youth groups for his counsel, study and help.

Born on a Nebraska farm in 1917 he received degrees in dairy manufacturing and technology at the University of Nebraska in 1940, at the Ohio State University in 1941. His wife, Leona, was born at West Unity, Ohio. He has two married daughters and a son who
is a sophomore at the Community College of Lansing, Michigan. He lives in East Lansing and is Extension Professor of Manufacturing in the Department of Food Science and Human Nutrition at Michigan State University.

I am pleased to present, in behalf of the Selection Committee, the 1972 recipient of the American Dairy Science Association DeLaval Extension Award, Professor Alvin Leonard Rippen.

A. L. Rippen, Michigan State University, East Lansing, 1972 recipient of the DeLaval Award receives from Mr. Meagher, The DeLaval Separator Company, a plaque with C. D. McGrew, The Ohio State University, Chairman of the Selection Committee.

Citation for George W. Weigold, Recipient of the Distinguished Service Award of 1972

The Distinguished Service Award of the American Dairy Science Association is conferred upon the basis of meritorious contributions made to programs important to the broad dairy industry. The awardee need not be a member of the Association. Any Association activities in which he has played a significant role are to be considered only as these activities have been important in broad industry programs, along with the activities outside the Association in which the awardee has participated with significant success.

George Woodrow Weigold has been designated by the selection committee to receive the 1972 Distinguished Service Award. The awardee has literally spent a lifetime in the dairy industry. His father owned and operated a dairy plant which was one of the early processors of homogenized milk. The awardee graduated from Connecticut State College (now the University of Connecticut) with a major in Dairy Science in 1936. During his undergraduate days he was a member of the Dairy Products Judging Team. Following almost 20 years in the family business, he spent 2 years as General Manager of a dairy plant in Puerto Rico. In 1957 he joined the staff of Dairy Society International, an organization of which he became Managing Director in 1960. During the past 15 years the awardee has devoted his considerable talents and energies to the world-wide promotion of milk and other dairy products as important items in the human diet. He has been instrumental in involving people from industry, trade associations, governmental agencies, and educational and research institutions to serve as "dairy ambassadors," spreading the story about milk and milk products to many of the far corners of the world. Trade fairs, demonstration plants for preparation of recombined milk and other products, international meetings and discussion groups, and surveys of the contributions which dairy products can make to improvement of human nutrition under a variety of circumstances have been some of the major activities of the total program. Cooperation has been achieved with such groups as the Food and Agriculture Organization of the United Nations and the United Nations Children's Fund to increase the awareness of the need for and use of milk and milk products. The American Dairy Science Association has for many years had a

President H. E. Calbert presents plaque to George W. Weigold, Dairy Society International, 1972 recipient of the Distinguished Service Award.
liaison committee which has furnished technical information on numerous occasions and otherwise provided support for these programs of Dairy Society International.

The awardee has traveled on numerous occasions to many parts of the world in furtherance of the programs of his organization. In 1970 he was one of three U.S. dairy industry representatives appointed to attend the International Dairy Congress in Sydney, Australia.

Mr. President, in recognition of his contributions to promotion of milk and milk products on an international basis, the selection committee presents George Woodrow Weigold to receive the Distinguished Service Award for 1972.

**Citation for R. P. Niedermeier, Recipient of the Kraftco Teaching Award for 1972**

The recipient of the Kraftco Teaching Award in Dairy Production for 1972 has been described by former students as "having a unique gift for lifting the student above himself by helping him to develop a goal, and then the initiative and perseverance to reach that goal." His students "become deeply involved in the subject matter, because his lectures are so well organized and exciting." Beyond the classroom, this man "shows a personal interest in each student which follows long afterward into each professional career." Such praise cannot be ignored.

The recipient has been faculty advisor for more than 150 students at the B.S. level, and major professor for students who later completed 38 M.S., 13 Ph.D., 5 D.V.M. and 2 M.D. degrees. During his 20 years as a teacher, he has taught more than 7,300 students with diligence, enthusiasm and effectiveness. His knowledge of subject matter is amazingly broad. He has taught seven different courses in the B.S. program and three in the two-year short course. Included are Dairy Herd Management and Dairy Cattle Nutrition, along with 21 semesters of an undergraduate seminar, dairy cattle judging, and seven years as coach of the judging team.

The 1972 Award winner was born in Waukesha, Wisconsin. He received the B.S. degree in Dairy Husbandry in 1940 and the M.S. in 1942 from the University of Wisconsin. During those war years he was a Lieutenant in the United States Navy, and attended the Harvard Graduate School of Business Administration. Following World War II, he returned to Wisconsin and obtained the Ph.D. degree in 1948 in Biochemistry and Dairy Science. He joined the faculty of the Department of Dairy Science at Wisconsin as an instructor, and was promoted to full professor in 1963.

In addition to his large teaching role, the recipient has been deeply involved with administrative and committee activities. In 1963, he became Chairman of the Department of Dairy Science. In that capacity he has been instrumental in developing an outstanding departmental staff and program. His numerous committee activities in the College of Agricultural and Life Sciences include: Chairman of the Committee on Student Needs and Interests, Chairman of a task force to establish instruction goals, and advisor to student groups such as the Saddle and Sirloin Club, Alpha Zeta and Babcock House.

During 29 years in the American Dairy Science Association, he has served on several committees, including Education, The American Feed Manufacturers Awards, Program, Resolutions, and Production Division Nominating Committees. He is currently a Director of the Association. The recipient is also a member of the American Society of Animal Science, American Association for the Advancement of Science, the Dairy Shrine Club, and several honorary societies.

This remarkable man has not confined his activities to teaching and administration. He
is the author or coauthor of 24 research papers, 24 articles on "Practices in Dairying" and numerous circulars and bulletins. Obviously, we have chosen an outstanding educator.

On behalf of the Selection Committee, I am pleased and honored to present the winner of the Kraftco Teaching Award for 1972, Dr. Robert P. Niedermeier of the University of Wisconsin.

Citation for E. F. Graham, Recipient of the National Association of Animal Breeders Award for 1972

The recipient of the 1972 National Association of Animal Breeders Award was born in Mesilla, New Mexico in 1924. He received his B.S. degree in 1949 from Utah State University with a major in Dairy Husbandry. The Master of Science degree was awarded to him in 1952 by South Dakota State University where he majored in Physiology of Reproduction. He became associated with the University of Minnesota in 1952 with assignments that have ranged from research assistant to full professor. The Ph.D. degree was earned by him in 1955 at Minnesota. He has published some 52 scientific papers since 1962. He has been the author or coauthor of 30 scientific papers that have been published within the last three years.

Since the beginning of his scientific career, the recipient has had a single goal—the improvement of reproductive efficiency in cattle and other livestock through the application of research. He has taken results from the laboratory to the AI industry, and personally demonstrated the application of the results. He has done considerable work on the chemical analysis of bull and boar semen. This is providing further insights into the chemistry and make-up of the sperm cell which is resulting in improved extenders for semen. His most recent work has been in the development of frozen swine semen. The group associated with this work has repeatedly demonstrated within the past 14 months that they have indeed broken what has been a nearly insurmountable barrier.

The accomplishments of our recipient extend beyond those of his research. He has served as thesis advisor for some 10 Master students and 19 Doctoral candidates; several of these former students are active in research in colleges, industry, and the U.S.D.A. In the past two years, he has trained people from Ceylon, Latin America, Scandinavia, and Eastern Europe on informal type programs.

On behalf of this year’s selection committee, I am happy to present Dr. Edmund Fay Graham as the 1972 recipient of the National Association of Animal Breeders Award.

H. A. Herman, National Association of Animal Breeders, presents award to E. F. Graham, University of Minnesota, St. Paul, 1972 recipient of the National Association of Animal Breeders Award for 1972 with H. E. Calbert who read the citation.

Citation for H. C. Olson, Recipient of the Pfizer, Inc., Award for 1972

The 1972 recipient of the Pfizer Award for Cheese Research was born in 1905 in Brookings, South Dakota. He received his Bachelor of Science degree in 1928 from South Dakota State College, his Master of Science degree in 1930 from West Virginia University and his Ph.D. in Dairy Microbiology from Iowa State College in 1932. In the same year he was appointed Assistant Professor of Dairy Microbiology at Iowa State College where he served until 1940 when he moved to Oklahoma State University as Professor of Dairy Science. He served as President of the Southern Division of the American Dairy Science Association in 1957, and has been a member of the American Dairy Science Association for 42 years. He is a member of the International Association of Milk and Food Sanitarians, Phi Sigma, and Sigma Xi. He helped organize the
Oklahoma Dairy Technology Society and served as an officer of that organization. He has been a member of the Payne County Creamery Board of Directors, a member of the Stillwater Chamber of Commerce and President of the Stillwater Lions Club. His main contributions to cheese research have been in Dairy Microbiology, and in studies related to the performance of lactic cultures. He has authored or co-authored over 47 scientific papers pertaining to lactic cultures and their use by the cheese industry, 18 of these appearing during the past 10 years.

He has demonstrated an ability to identify problems of significance to the dairy industry and to obtain solutions that have won wide acclaim. He developed a starter culture activity test which approximates the manufacture of Cottage cheese by the short-set method, and has made noteworthy contributions to bacteriophage control, compatibility of multiple-strain starter cultures, symbiosis among starter culture bacteria, storage ability of starters and the effect of various factors on the activity of starter cultures. He developed improved methods for the analysis of Cottage cheese which include the use of aureomycin for preventing bacterial growth on potato dextrose agar used for enumerating yeasts and molds in Cottage cheese, and developed a modified Babcock test for fat in Cottage cheese. The agglutination problem in Cottage cheese making attracted his attention and he developed a test for detecting the agglutinating tendency of cultures. His research on the effect of certain manufacturing variables on consumer preferences helped establish quality standards for Cottage cheese. He helped establish and continues to participate in an annual training school sponsored by the American Cultured Dairy Products Institute, and is editor of the Cultured Dairy Products Journal.

He developed the CVT test for detecting post pasteurization contamination of milk, and conducted research which led to the general acceptance of welded milk lines for processing grade A milk.

It is with great pleasure that we announce the winner of this year's Pfizer Award for Cheese Research, Dr. Harold Cecil Olson, Oklahoma State University.

Citation for L. E. Wierzbicki, Recipient of the Richard M. Hoyt Memorial Award for 1972

The Richard M. Hoyt Memorial Award is made to a graduate student in recognition of research efforts which have direct application to the solution of problems which face the dairy industry. The award was initiated in 1971. This year's recipient was born in Olkowicze, Poland in 1931. He received the M.S. degree from the Technical University of Lodz, Poland. His interests are in the area of fermentation technology, and his background in Chemical Engineering has served him well in his research leading to the Ph.D. degree. His research deals with microbial lactases and their applications to the development of new foods from milk and milk products. The recipient has established that cells of Lactobacillus bulgaricus and Lactobacillus helveticus gave strong lactase activity at pH 5.0-7.0, without abnormal flavor development. He has developed systems of applying these enzyme preparations to manufacturing processes and has developed unique basic food components from dairy products.

This research has significance for the large number of people who have an intolerance to lactose. Results from this research could provide a number of low lactose dairy foods which would increase the consumption of dairy products by individuals who cannot now utilize lactose in their diets. Through low-lactose products the nutritional quality of diets could be improved for many individuals.

The recipient of this award is currently pursuing the Ph.D. degree at Cornell under the guidance of Dr. F. V. Kosikowski. He is highly
respected by his fellow students and members of the faculty.

On behalf of the selection committee, I am pleased to present to you Mr. Leopold Edmund Wierzbicki as the recipient of the 1972 Richard M. Hoyt Memorial Award.

Leopold E. Wierzbicki receives the 1972 Richard M. Hoyt Memorial Award Sponsored by the National Milk Producers Federation, Washington, D.C., from John Adams, National Milk Producers Federation with E. N. Boyd, VPI and SU, Blacksburg, Chairman of the Selection Committee.

Student Awards Program

The Student Awards Program and luncheon were held July 28, 1972, in Dietrick Dining Hall, Virginia Polytechnic Institute and State University, during the 67th Annual Meeting of the American Dairy Science Association. The affair was organized and sponsored by the Student Affiliate Division of ADSA and attended by a large number of students and members of the Association. Presiding was E. N. Garnett, Past President of the VPI and SU Dairy Science Club, who introduced Mr. Henry Shriver, Grafton, Ohio, keynote speaker at the luncheon.

Mr. M. E. Ellertson, Carnation Company, Van Nuys, California recognized three outstanding undergraduate students for their participation in the Undergraduate Student Paper Presentation. Mr. Ellertson presented the first place award to Julie Easterly, Louisiana State University for her presentation, Complete Feed Ration as Compared to Conventional Ration for Lactating Cows. Second place award for the paper, Methionine Supplementation for Dairy Cows was awarded to Dale Grabill, Michigan State University. The paper, Maintaining High Quality Labor by Daniel Payne, Virginia Polytechnic Institute and State University was presented the third place award.

The National Milk Producers Federation, represented by Mr. John Adams presented awards in the Graduate Student Scientific Paper Presentation Contest for dairy production and manufacturing. First place award in dairy production for the paper, Evaluation Chitinous Materials as a Feed for Ruminants, was made to R. S. Patton, Virginia Polytechnic Institute and State University. Barbara C. Raphael, Pennsylvania State University, was awarded second place for her paper, Characterization of Bovine Lipo-proteins During Gestation and Lactation. R. L. Powell, Iowa State University, received third place for his presentation, Estimators of Genetic Trend.

Mr. Adams also presented awards in the Graduate Student Scientific Papers Presentation Contest for dairy manufacturing. First place award for, Presence of Cell Membrane Market Enzymes in a Membrane Fraction Isolated from Skimmilk, was made to P. E. Plantz, Pennsylvania State University. Second place award was made to W. E. Eigil, Texas A&M University for the presentation, Effect on Temperature and pH on Whole γ Casein. A. Booren, University of Wyoming, was awarded third place for the presentation, Isolation and Identification of Carbonyl Compounds from Reduced Fat Cheddar Cheese.

Appreciation was expressed to both Mr. Ellertson and Mr. Adams for presentation of the awards and the continued support of the Carnation Company and the National Milk Producers Federation in sponsoring these awards.

Dr. H. E. Calbert, President of the ADSA presented the first place award for the Student Affiliate Chapter Award consisting of a plaque and check for $100 to the Virginia Tech Dairy Club.

Henry Shriver during his presentation, Cows, kids and citizenship.
Pictorial review of the presentation of the annual awards to outstanding students at the 67th Annual Meeting of the ADSA during the Student Affiliate Division Awards Program, July 28, 1972.

M. E. Ellertson of the Carnation Company presenting first place award in the Undergraduate Student Paper Contest to Julie Easterly, Louisiana State University.

Carnation Company representative, M. E. Ellertson, presenting second place award in the Undergraduate Student Paper Contest to Dale Grabill, Michigan State University.

The National Milk Producers Federation recognized top three places in the Graduate Student Scientific Paper Presentation in Dairy Production. Recipients are Barbara C. Raphael, The Pennsylvania State University, second place, Richard Patton, Virginia Polytechnic Institute and State University received first place, and R. L. Powell, Iowa State University was the third place winner. Mr. John Adams made the presentations as representative of the National Milk Producers Federation.

Danny Payne, Virginia Polytechnic Institute and State University, receives third place award in the Undergraduate Student Paper Contest from M. E. Ellertson.

Recipients of the Graduate Student Paper Presentation Contest in Dairy Manufacturing were honored by the National Milk Producers Federation. P. E. Plantz, The Pennsylvania State University was awarded first place, W. E. Eigel, Texas A&M University second place and A. Booren, University of Wyoming third place.
The Miles Traveled Award presented at the 1972 annual meeting received by the Louisiana State University Dairy Club. Pictured above is Dr. A. S. Achacoso, Department of Dairy Science and delegates from Louisiana State University.

Dr. H. E. Calbert presenting the Outstanding Chapter Award to Mary Sowbery, Virginia Tech Dairy Science Club with other members of the Chapter, John Inskeep, Danny Payne, Wayne Wertz, Richard Wilkes, E. N. Garnett, and Wayne Dudley.
Newly elected officers of the Student Affiliate Division are: Paula McGrew, Secretary-Treasurer, Robin Paxson, President, Mark Ground, First Vice President, David Jones, Second Vice President, and Earl Fisher, Third Vice President.

Installation of Officers

The Association membership elected by mail ballot two directors and a vice president who had served on the board of directors.

President H. E. Calbert welcomed, installed, and congratulated these newly elected officers: N. L. Jacobson, Iowa State University, automatically advanced to President. E. N. Boyd, Virginia Polytechnic Institute and State University, Blacksburg, Vice President. M. E. Gregory, North Carolina State University, Raleigh, and T. H. Blosser, Washington University, Pullman, Directors.

Retiring members were J. K. Locsli, Cornell University, J. E. Legates, North Carolina State University, and E. N. Boyd, Virginia Polytechnic Institute and State University.

Dr. M. E. Gregory, North Carolina State University and Dr. T. H. Blosser, Washington State University, installed as Directors for a period of three years by Dr. H. E. Calbert, ADSA President.
Gratitude expressed to Dr. J. E. Legates, North Carolina State University, by Dr. H. E. Calbert upon completion of term as Director representing the Production Division.

Dr. N. L. Jacobson presents Dr. H. E. Calbert with the traditional past president's ribbon and expressed appreciation for the strong leadership during his term of office.

Dr. H. E. Calbert pins president's ribbon on incoming President Dr. N. L. Jacobson, Iowa State University.

ADSA gavel presented to President Jacobson by Past President Calbert.

Dr. E. N. Boyd receives the Vice President's ribbon from Dr. Calbert during the installation of newly elected officers and directors.

The Past President plaque presented for many years to outgoing presidents presented to Dr. H. E. Calbert, University of Wisconsin, by Dr. N. L. Jacobson, Iowa State University.
The symposium Diet, Blood Lipids and Cardiovascular Disease, attracted a large audience in the auditorium of the Donaldson Brown Center for Continuing Education, VPI and SU on Saturday morning, July 29. Three distinguished speakers, who have devoted much of their professional careers to studies related to the topic of the symposium, presented candid appraisals of the current status of knowledge of the subject.

The first speaker was Dr. G. C. McMillan, Chief, Arteriosclerotic Disease Branch, Extramural Research and Training, National Heart and Lung Institute, National Institutes of Health, Bethesda, Maryland, who discussed the nature of arteriosclerosis and its relationship to diet.

The second, Dr. Campbell Moses who is Medical Director of the American Heart Association, commented on his Association's recommendations regarding the American diet.

The third speaker, Dr. David Kritchevsky of the Wistar Institute, Philadelphia, discussed the many factors, including dietary interrelationships, which have a bearing on cardiovascular disease.

All speakers emphasized the complex nature of cardiovascular disease and agreed that the extremely high incidence in the United States likely is the result of numerous contributing factors. The formal presentations were followed by a lively discussion in response to many questions submitted from the audience.


Titles of papers presented during the symposium were as follows: Nature of arteriosclerosis and its relationship to diet, Dr. G. C. McMillan, Arteriosclerotic Disease Branch, National Institutes of Health, Bethesda, Maryland; American Heart Association's recommendations on diet: Facts and fancy, Dr. Campbell Moses, American Heart Association, New York, New York; and Dietary interrelationships, David Kritchevsky, The Wistar Institute, Philadelphia, Pennsylvania.

BOARD OF DIRECTORS MEETING AT THE SIXTY-SEVENTH ANNUAL MEETING OF THE AMERICAN DAIRY SCIENCE ASSOCIATION

Officers and Directors: H. E. Calbert, President; N. L. Jacobson, Vice-President; Claude Cruse, Executive Secretary. Directors: E. N. Boyd, R. P. Niedermeier; B. Heinemann, W. L. Dunkley, J. E. Legates, N. L. Vandemark. Richard Wilkes, President Student Affiliate Division. E. O. Herreid, Editor-in-Chief, L. D. McGilliard, Associate Editor, J. E. Kinsella, Associate Editor Elect. M. E. Gregory and T. H. Blosser, Directors Elect.

The Board of Directors' Meeting was called to order by President Calbert, July 25, 1972, at 8 AM. The motion to approve the minutes of the 1971 meeting as published in the Journal of Dairy Science, Volume 54, Number 9, September 1971, was made and seconded. Motion carried.

President Calbert reported the results of the election of Vice President and Directors. E. N. Boyd, Virginia Polytechnic Institute and State University, Blacksburg, was elected Vice President for 1972-73. M. E. Gregory, North Carolina State University and T. H. Blosser, University of Washington, were elected Directors for three years.

Executive Committee. The ADSA Executive Committee met at the Arlington Park Towers, Arlington Heights, Illinois, on September 27, 1971, following the ADSA Program Committee Meeting to conduct interim affairs of the Association. In attendance were H. E. Calbert, N. L. Jacobson, J. E. Legates, and Claude Cruse. Others in attendance for a portion or all of this meeting were R. P. Niedermeier, M. E. Gregory and E. E. Starkey.

N. L. Jacobson reported on the progress of the proposed Council for Agricultural Science and Technology (CAST). On August 31, 1971, 6 societies had approved support of CAST financially. A spring meeting of the organizing committee of CAST was being planned and ADSA had received an invitation to attend. Dr. C. A. Black, Iowa State University, who heads the organizing committee for CAST had revealed plans were underway for soliciting support from industry in the formation of the proposed council. At previous Executive Committee meetings and at the annual Board meeting in 1971 the general consensus was not to support financially the organizing of the council but referred the matter to the Internal Affairs Committee for further study. The Executive Committee was not
unanimously agreed on forming a recommendation for the Board of Directors to join the council and financially support the organization at a cost of $2,250 annually, therefore, the Internal Affairs Committee was charged with further study of the council and to submit a final recommendation for action of the Board of Directors.

Discussed were the guidelines for the annual awards. The Internal Affairs Committee presented revision of guidelines for clarification on the Dairy Research Inc. Award and the Richard M. Hoyt Memorial Award. The Executive Committee agreed on the revisions of the guidelines for these two awards and instructed the Internal Affairs Committee to seek approval from the sponsors and advise the Executive Committee members on or before January 1, 1972, in order that the revisions could be put into effect when sending material to nominators of candidates to be considered for the 1972 awards.

The next item was a discussion on the employment service offered the past several years during the ADSA annual meeting. Cruse reported little or no input in positions available by prospective employers and very few resumés of individuals seeking employment. At the 1971 meeting there was only one position listed which was not appropriate for the ADSA annual meeting. The Internal Affairs Committee recommended limited employment services during the annual meeting and this be in the form of a bulletin board being made available for the posting of positions available and another board for the posting of resumés of individuals seeking employment.

The Executive Committee reviewed the annual meeting budget and in view of the anticipated expense of the joint symposium planned for Saturday, July 29, 1972, the following schedule of registration fees were approved. Professional members, $15, Student Affiliate members, $2, non-members, $24, women, $3, children, $1. For members attending both the ADSA and ASAS meetings, a combined registration fee of $25 was approved with $12.50 to be credited to ADSA and the same amount to ASAS on each combined registrant.

The Committee discussed future meeting dates of annual meetings for ADSA in view of the withdrawal of the 1975 invitation from the West Virginia State University. The Committee felt it would be advantageous to the members of the Society if an invitation could be received from an institution in the same geographical area as the Animal Science meeting. The Committee agreed to defer any action on seeking a host for 1975 until the spring meeting of the Executive Committee.

New awards was a subject considered by the Committee prompted by correspondence received by the Internal Affairs Committee with regard to an Animal Breeding Genetics Award as well as a teaching award administered annually in both the areas of production and manufacturing. The possibility of a teaching award being sponsored by the Ralston Purina Company was to be pursued. Dr. Calbert reported interest on the part of Dairyland Food Laboratories becoming involved in some way, either in the awards program or other means. Dr. Calbert was to report to the Committee and Directors after further discussion with the representatives of Dairyland Food Laboratories.

The 1971 budget for the Association was reviewed. Income and expenses appeared to be in line with the budget approved by the Board of Directors and no recommendation was made for changes to the existing budget.

The next meeting of the Executive Committee was set for early in April 1972 with actual dates to be determined.

Meeting adjourned 5:20 p.m.

The Executive Committee of ADSA met in Champaign on April 12-13, 1972 to receive, review and form recommendations on annual committee and representative reports. Present were H. E. Calbert, N. L. Jacobson, J. E. Legates, J. S. Taylor, and Claude Cruse. Mr. Donald Fisher of Dairyland Food Laboratories was also present.

President Calbert introduced Mr. Fisher who outlined Dairyland Food Laboratories proposal for underwriting the cost of the annual meeting program and publish in the booklet abstracts of papers to be presented at the annual meeting. A color comprehensive of the cover was presented. The back cover carried a very appropriate message from Dairyland Food Laboratories which was approved. Mr. Fisher stated the proposal to underwrite the cost was in terms of five years. Dairyland Food Laboratories' artist designed an ADSA logo which was offered to the Association. President Calbert expressed appreciation to Mr. Fisher for their generous offer and the Committee unanimously approved the proposal and cover design for the 1972 annual meeting.

The annual committee and representative reports were next on the agenda and President Calbert led the discussion with regard to disposition of the reports.

Dairy Foods Division. Recommended acceptance of the report. Cruse pointed out the
annual election of Chairman of the Division is by the entire membership by mail ballot while the Production Division Chairman moves up from Vice-Chairman. Dr. Calbert, in acknowledging the report, would suggest an amendment to the Constitution to allow for election of officers at the annual meeting.

**Production Division.** Recommended acceptance of the report.

**Eastern Division of ADSA.** Submitted resolution to be referred to ADSA Resolution Committee. Approved transfer of funds of Eastern Division to be administered from the National Office. Recorded on the records of the ADSA change in name from Eastern Division to Northeast Division of ADSA. Denied request for additional funds to support activities of the Division but will continue the $50 annual appropriation. Recommended acceptance of the report except as noted above.

**Southern Division of ADSA.** Resolution submitted to be referred to ADSA Resolution Committee. Continue annual appropriation of $50. Recommended acceptance of the report.

**Student Affiliate Division.** Recommended acceptance of the report. Acknowledgement of report to set forth previous action of the Board. The Student Affiliate Division President will annually be invited to participate in the annual Board of Directors meeting with travel expenses being available upon request.

**Student Affiliate Division Council.** Recommended acceptance of the report. Cruse reported in 1971 there were 487 students paying $8 per year. The reduced rate without the Journal resulted in 387 at $8 and 62 at $4.

**Internal Affairs Committee.** Approved change of guidelines for the Dairy Research Inc., and the Richard M. Hoyt Memorial Awards. Accepted recommendation that guidelines for the NAAB Award remain unchanged. Accepted proposal of pursuing annual teaching award in both production and manufacturing. Refer for discussion to full Board report of the Council of Agricultural Science and Technology. Approved limited employment service at annual meeting as recommended. Recommended acceptance of the report as noted above.

**Education Committee.** Recommended acceptance of report.

**International Relations Committee and Dairy Society International.** Recommended acceptance of the report. The Executive Committee further recommends the 1973 ADSA President be designated official representative by the Association to attend the Third World Conference on Animal Production, Melbourne, Australia, May 1973.

**Journal Management Committee.** Recommended acceptance of report. Dr. John E. Kinsella's appointment as Associate Editor effective July 1, 1972 approved by mail ballot. Dr. Kinsella's appointment would be July 1, 1972 to December 31, 1972 for training and transition period and three years as Associate Editor. Executive Committee concurs with recommendation to appoint L. D. McGilliard Editor-in-Chief effective January 1, 1973, and Editorial Board Members D. R. Waldo, K. C. Lamb, S. P. Marshall, C. E. Polan, G. H. Schmidt, R. W. Gardner, H. D. Johnson, and D. J. Krett for term of three years.

**Membership Committee.** Recommended acceptance of the report. D. G. Braund to be commended for his efforts. Committee concurs with recommendation of recognizing three committee members with membership in ADSA for 1973.

**Program Committee.** Recommended acceptance of the report.

**Nominating Committee (Production Division).** Recommended acceptance of the report.

**Nominating Committee (Dairy Foods Division).** Recommended acceptance of the report.

**Historian.** Recommended acceptance of the report. Committee further recommends approval of funds as requested by the Historian.

**Liaison with FAO and AOAC and FAO Interagency Sub-Committee.** No report.

**Public Health Committee.** No report.

**Milk Composition and Payment Committee.** Recommended acceptance of report. Committee to be commended for efforts in presenting symposium during 1972 annual meeting.

**Intersociety Committee on Drugs and Chemicals.** Recommended acceptance of report.

**Certification of Nutritionists.** No report. Executive Committee recommends ADSA representative on Certification of Nutritionists Committee be discontinued.

**American Association for the Advancement of Science.** Recommended acceptance of the report. Executive Committee concurs with recommendation to continue affiliation.

**American Forage and Grassland Council.** Recommended acceptance of the report. Executive Committee recommends continued affiliation and payment of annual dues of $25.

**Dairy Remembrance Fund.** Report received after Executive Committee meeting, to be considered at Board meeting.

**National Association of Animal Breeders.** Recommend acceptance of report.

**National Mastitis Council.** Recommend acceptance of the report. Committee to draft a
letter for incoming President of ADSA to forward to National Mastitis Council supporting actions recommended by the Council.

Ralston Purina Fellowship Award. Report received after meeting of the Executive Committee, to be considered at Board meeting.

3-A Sanitary Standards Committee. Recommended acceptance of report.

National Research Council. Recommend acceptance of report. Approved budget of $150 for coming year. Call to the attention of ADSA members through President's column in the Journal of Dairy Science the National Research Council welcomes topics for study and should be submitted to ADSA Directors for approval and transmitted to ADSA representative to the National Research Council.

World Association on Animal Production. Recommend acceptance of report. Executive Committee further recommends the President of ADSA attend the Conference, May 22-30, 1973, as official representative of ADSA.

International Biological Program. Recommend acceptance of report and the representative to the International Biological Program be discontinued.

Policy Committee for Scientific Agricultural Societies. Recommend acceptance of report and approval of $75 contribution to Scientific Manpower Commission.

Classification of Particle Size in Feedstuffs. Recommend acceptance of the report and this committee become a committee of the Production Division of ADSA.

Intersociety Committee on Animal Waste. Recommend acceptance of the report.

U. S. Animal Health Association. Received report after Executive Committee meeting, to be considered at Board meeting.


Other items for Committee action. Taylor moved salary schedule submitted be approved effective January 1, 1973. Seconded by Legates. Motion carried.

The agreement for services with ASAS which became effective June 1, 1970, was reviewed. The service charge is currently $2 per member or subscriber based on actual members and subscribers count in December of each year. In view of increased costs the past two years Taylor moved the fee be increased from $2 to $3 effective January 1, 1973, and the Executive Committee of ASAS be notified by the Executive Secretary of this intent. Seconded by Jacobson. Motion carried.

The last increase in subscription rates for the Journal of Dairy Science (from $15 to $20) became effective January 1, 1962. Taylor moved an increase in subscription rates from $20 to $24 effective January 1, 1973. Further recommended the annual membership dues of $16 ($15 if paid by Dec. 31 of preceding year) and $20 page charge remain unchanged. Seconded by Jacobson. Motion carried.

Taylor moved the 1973 revised budget with income of $212,300 and expenses of $202,550 for a projected gain of $9,750 be approved. Seconded by Legates. Motion carried.

Cruse reported on a proposal submitted for the Journal Management Committee's consideration for editing of manuscripts for the Journal of Dairy Science effective with the January 1973 issue, whereby a person outside the ADSA, would edit and proofread manuscripts to be published. On the basis of previous action of the Board the proposal was referred back to the Journal Management Committee.

Jacobson reported on the interest of Ralston Purina Company sponsoring an annual Teaching Award in the area of production. Currently the teaching award alternates between manufacturing and production sponsored by Milk Industry Foundation and Kraftco Corporation respectively. Calbert agreed to contact Kraftco with regard to sponsoring a manufacturing award alternating with Milk Industry Foundation which would allow Ralston Purina Company to sponsor a production award making possible a teaching award in production and manufacturing each year.

The Committee approved a separate mailing each year for the call for candidates for annual awards and at an earlier date. This action was taken to allow nominators maximum time to prepare dossiers. August of each year was the suggested date.

West Virginia's withdrawal to host the 1975 meeting led the discussion of possible meetings of ASAS and ADSA following format of 1972. Calbert agreed to contact universities who might host the 1975 meeting. It was further suggested the dates for meetings from 1973 on be changed to just preceding the ASAS meetings with one or two days travel time between.

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<td>1977 July 26-29 Iowa</td>
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Cruse agreed to write to host institutions for 1973 and 1974 on the possibility of date change and have information available for annual meeting of the Board.

The combined award selection committee concerned with the Distinguished Service Award and the Award of Honor was reviewed. Some areas need additional work and suggestions were received from the Chairman and Historian. The Chairman is requested to be present for reading citation for recipients and the Executive Committee recommends travel expenses for the Chairman to attend the session in which the awards are presented be paid by the ADSA if requested.

Cruse presented the petition from University of Minnesota Food Science Club to be recognized as a Student Affiliate Chapter of ADSA. Petition was signed by the members and recommended by two professional members of ADSA as required. Legates moved approval of petition. Seconded by Jacobsen. Motion carried.

The Executive Committee considered the feasibility of ownership of quarters to house the National Office of ADSA. The Committee suggests that at a time when rental costs approach the earnings from invested reserves the Executive Secretary in consultation with the Executive Committee consider ownership. The Committee suggests facilities of approximately 2500 square feet, located convenient to transportation, communications, and ample labor market, preferably near an academic community and one that would appreciate in values.

President Calbert presented correspondence received from M. J. Framberger, American Dairy Association, concerning the role and responsibility of the ADSA in relation to the Collegiate Dairy Products Judging Contests. The Committee expressed agreement to ADSA being involved in the responsibilities to insure continuation of the contests. To what extent this involvement would be have to be cleared with the judges and others involved.

The Executive Committee recommends the following resolution be adopted by the Board of Directors at the annual meeting to be held July 25, 1972.

The American Dairy Science Association employ Claude Cruse as Executive Secretary on a continuing basis at a salary to be determined annually by the Board of Directors. This employment policy shall continue in force until terminated: 1) by mutual consent between ADSA Board of Directors and Claude Cruse; 2) by either ADSA Board of Directors or Claude Cruse giving written notice to the other party one year in advance of a specific date of termination.

Discussion. The Board recognized the need for revision of the forms used in support of nominees for awards administered by the ADSA and instructed the secretary to forward to all members of the Board copies of the forms for their comments and suggestions for revising and forward to the Chairman of the Internal Affairs Committee on or before September 1, 1972.

Director VanDemark spoke in support of the ADSA President attending the Third World Conference on Animal Production to be held in Melbourne, Australia, May 1973, in view of the possibility of association with the International Dairy Federation. This view was also supported by Director Legates.

Discussed was the possibility of relationship between the representative to the Council of WAAP and the Committee on Liaison with FAO. Suggested was a charge to the Internal Affairs Committee to consider cooperation between the two.

President Calbert suggested the incoming President bring to the attention of members the request of the National Research Council ADSA Representative for topics to be submitted for study by the Council.

The report from the ADSA Representative to the US Animal Health Association was reviewed by the Board. A motion was made and seconded to accept the report. Motion carried.

President Calbert reviewed recent correspondence between representatives of ADA, DIFSA, and ADSA regarding the Intercollegiate Dairy Products Judging Contest and responsibilities to be assumed by the sponsoring organizations. Dunkley moved the President appoint a committee to work with the representatives to delineate the mechanics and responsibilities of the sponsoring organizations. Seconded by Legates. Motion carried.

A motion was made and seconded to approve the Executive Committee report. Motion carried.

Council for Agricultural Science & Technology. Vice President Jacobsen reviewed for the full Board the formation and progress of CAST giving the organizations committed to support to date. Discussed was the purpose of the organization and plans of operation. The Internal Affairs Committee had considered the matter of affiliation but referred the matter to the full Board for action.

A motion was made and seconded that the American Dairy Science Association affiliate
with the Council for Agricultural Science & Technology and financially support the organization annually in keeping with the dues structure of CAST. Motion defeated.

Treasurer's Report. The financial status of the ADSA at the close of the 1971 fiscal year is again one of improvement over the previous year. This is gratifying considering assessments to members and subscribers were the same in 1971 as 1970. Total income for 1971 was $209,000 and expenses were $201,000 with a recorded gain for the year of $8,000.

The 1971 balance sheet reflects a net worth of $108,636 compared to $101,522 one year ago. Current liabilities including deferred income brings total liabilities and net worth to $152,762. Income is placed in interest bearing accounts as received with only a minimum balance to cover operating expenses carried in the checking account.

In spite of the ever increasing costs in all areas of operations during the period of 1966 through 1971 only two years of the six have we had deficit spending. Deficit spending for a two year period totaled $20,500 and net gain during the other four years totaled $47,000.

Beginning in March 1971 an agreement for limited services with the Society for the Study of Reproduction was put into effect. In September 1971 these services were expanded and a service agreement with the American Society of Animal Science, in effect since June 1970, has been opened and a proposal for expanded services has been submitted effective January 1973. These arrangements appear to have been financially beneficial to all concerned.

Our largest expense item in the budget is that of the Journal of Dairy Science. Since January 1967 we have received price increases annually at a level never experienced by the association prior to that time. A search has been conducted over a long period of time to contract with a printer at a more economical price. Earlier this year the printer of the Journal was notified of our intent to cancel effective with the June issue.

A new contract was negotiated with the Wayside Press, Mendota, Illinois, to produce the Journal beginning with the July 1972 issue.

The Executive Committee reviewed the 1973 budget and recommended an increase effective January 1973 in rates for subscriptions to the Journal of Dairy Science. The increase will be from $20 to $24 per year which is the first increase in 11 years. Recommendations were not made to increase the charges to members in the areas of annual dues or reprint charges.

Legates moved the Treasurer's Report be approved, seconded by VanDemark. Motion carried.

Niedermeier moved to express appreciation and commend J. S. Taylor for his services to the Association in the capacity of Treasurer. Seconded by Boyd. Motion carried.

Executive Secretary Report

Budget. Secretary Cruse presented the budget for the fiscal year of 1973. Based on the last fiscal year financial report and known facts at this time income has been projected at $212,300 and expenses at $202,550 which includes income and expenses for the 1973 annual meeting. Also presented were the salary adjustments for employees of ADSA effective January 1, 1973, and the proposed increase to ASAS for services effective January 1, 1973. Cruse moved acceptance of the report. Seconded by VanDemark. Motion carried.

Deceased Members: There were 16 deaths of ADSA members reported during the past 12 months. They were:

- P. W. Bonewitz, Iowa
- P. A. Campbell, Florida
- W. H. Cloninger, Washington, DC
- R. H. Hartigan, Illinois
- S. G. Hoover, Canada
- C. A. Hutton, Tennessee
- A. K. Karbari, East Pakistan
- C. J. Little, Michigan
- A. E. Peck, New York
- A. M. Meek, New York
- A. W. Rudnick, Iowa
- E. C. Scheidenhelm, Illinois
- A. H. Rishoi, California
- R. C. Foley, Massachusetts

Life Members: Applications for life membership were received from seven members. They were:

- N. F. Colovos
- S. T. Coulter
- H. B. Howell
- J. M. Jensen
- D. L. Murray
- G. A. Richardson
- E. Wallenfeldt

Awards: Nomination forms were again mailed with renewal notices for annual dues. Results were as follows:

- American Feed Manufacturing Association, 1972 recipient – A. Dare McGilliard, Iowa.


ADSA Membership: Circulation of the Journal continues to decline each year. In July, 1970, total circulation was 5,038; July, 1971, 4,910; and July, 1972, 4,742. Professional members are at the same level (2,235) in 1972 as 1970. Subscriptions are down 50, and students down from 621 to 427. An additional 63 students elected membership without the Journal.

Dues in other organizations: The ADSA currently pays annual dues for membership in the following organizations and unless previous action of the board is rescinded will continue.

National Mastitis $200
World Assn. of Animal Production 200
Scientific Manpower Commission 75
American Forage and Grassland 25

Annual Meeting Pre-registration: Pre-registration was handled for the annual meetings of SSR, ASAS, and ADSA. Pre-registration for the SSR meeting was 474, ASAS — 846, and ADSA — 781. These figures do not include women and children. There were 181 registered as attending both ASAS and ADSA meetings of which 20 are from the host institution. The services for handling pre-registration for both SSR and ASAS annual meetings can be continued if agreeable with the organizations and host institutions. This service is financially beneficial to all concerned. Preparation of budgets for each meeting and working with the host institutions deficit spending on annual meetings is avoided.

Second World Conference on Animal Production: At the annual meeting in 1966 the Board of Directors approved support of the conference in the amount of $10,000. The ASAS approved an equal amount. At the end of the conference the publishing of the proceedings was proposed as a joint project for ASAS and ADSA. This proposal was accepted and money advanced in support of the conference ($5,000) was returned. The proceedings were published (2,500 copies) and distributed within one year of the conference and as of June 30, each organization has realized $3,190 net gain from the project.

The staff of ADSA, Emma Weber, Barbara Meyer, Sara Stevenson, and Mary Hickle join me in expressing our appreciation to the Officers, Directors, Editors, and Members for their support, guidance and continued employment. We have all greatly enjoyed the work and association of those who share our enthusiasm in the future of the American Dairy Science Association.

Status of the ADSA Membership

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<tr>
<th>Year Ending</th>
<th>Members</th>
<th>Students</th>
<th>Subscribers</th>
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<td>1862</td>
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<td>1966</td>
<td>2444</td>
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<td>2523</td>
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<td>2175</td>
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<tr>
<td>1971</td>
<td>2380</td>
<td>547</td>
<td>2046</td>
</tr>
<tr>
<td>1972</td>
<td>2340</td>
<td>491</td>
<td>2005</td>
</tr>
</tbody>
</table>

The 1972 figures includes Life Members who elected membership without the receipt of the Journal of Dairy Science and Student Affiliate Members who elected membership at the reduced rate without the Journal.

Registration for the 67th Annual Meeting

<table>
<thead>
<tr>
<th></th>
<th>Pre-registered</th>
<th>Registered at VPI SU</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Members</td>
<td>399</td>
<td>131</td>
<td>530</td>
</tr>
<tr>
<td>Members ADSA &amp; ASAS</td>
<td>181</td>
<td>38</td>
<td>219</td>
</tr>
<tr>
<td>Non-members</td>
<td>42</td>
<td>50</td>
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<tr>
<td>Women</td>
<td>310</td>
<td>44</td>
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<tr>
<td>Children</td>
<td>226</td>
<td>37</td>
<td>263</td>
</tr>
<tr>
<td>Students</td>
<td>159</td>
<td>49</td>
<td>208</td>
</tr>
<tr>
<td>Totals</td>
<td>1317</td>
<td>349</td>
<td>1666</td>
</tr>
</tbody>
</table>

Future Meetings

1973 Washington State University, Pullman, June 24-27
1974 University of Guelph, Ontario, Canada, June 23-26
Reorganization of the Board. The Board reconvened at 8:30 AM July 26, 1972, for the purpose of reorganization of the Board.

President Calbert expressed appreciation to the retiring Directors for their devoted services, expertise, and time in handling the affairs of the Association during their term in office. Welcomed to the Board were the new Directors, T. H. Blosser, Washington State University, M. E. Gregory, North Carolina State University, and retiring Director E. N. Boyd, Virginia Polytechnic Institute and State University, continuing on the Board as the newly elected Vice President.

Dr. Calbert turned the meeting over to N. L. Jacobson who announced the appointment of J. S. Taylor as Treasurer of ADSA for the coming year and moved approval of this appointment. Seconded by Legates. Motion carried. Burdett Heinemann was appointed to the Executive Committee of the Board to serve with the president and vice president. Other appointments to be announced at the business meeting.

Dr. Jacobson expressed appreciation to Dr. Calbert for his fine leadership during his term as President of ADSA.

Motion was made and seconded to adjourn. Motion carried.

ADSA Business Meeting. The business meeting was called to order at 11:15 AM, July 29, 1972 by Dr. H. E. Calbert.

Report of the Vice President of the annual meeting of the Board of Directors. During the past year the Executive Committee of the Board held meetings in September and April. Details of committee reports and other matters were processed at the April meeting, thus reducing the time required for the annual meeting of the Board.

The American Dairy Science Association is in a good financial position. There will be no increase in annual dues nor in page charge for publication in the Journal of Dairy Science. An increase in subscription rates from the present $20 annually to $24 was authorized. The last increase, from $15 to $20, was on January 1, 1962. Income for 1973 is estimated to exceed expenses by about $10,000.

In the past our Executive Secretary has been employed on a yearly basis. The Board appreciates Mr. Cruse's fine services and has made a change in employment policy which will provide more security both to Mr. Cruse and to the Association. Henceforth, Mr. Cruse's employment will be on a continuing basis with salary to be determined annually. This arrangement can be terminated at any time by mutual agreement or with a 12 month advance notice by either party.

The Board is grateful for the long and faithful service of Dr. E. O. Herreid who will retire as Editor-in-Chief of the Journal of Dairy Science on December 31, 1972. Dr. Lon D. McGilliard, will become Editor-in-Chief on January 1, 1973, for a three-year period. Dr. John Kinsella will become Associate Editor on January 1, 1973, for a three-year term.

The American Dairy Science is a member of the World Association for Animal Produc-
tion and has a vital interest in the affairs of this organization. Therefore, the Board recommended that the President of the American Dairy Science Association officially represent the Association at the Third World Conference on Animal Production in Melbourne, Australia in May 1973.

Specifications for some of the awards presented at the annual meeting were modified during the past year to bring them into accord with both donors and the Association.

The Ralston Purina Company has offered to sponsor an annual award in recognition of outstanding teaching in dairy production. Therefore, specifications for this award are being developed, and specifications for the present teaching award are being modified to provide an annual award in the dairy foods area.


On April 11, 1972, representatives of the American Dairy Science Association, American Society of Animal Science and Poultry Science Association met at the offices of the ADSA in Champaign, Illinois to consider the merits of some type of federation of societies concerned with the production and processing of animal products. The purpose of the federation will be to provide a means of coordinating activities of mutual interest to member societies and to serve in other capacities in which member societies can function more effectively as a group. Societies with interest similar to the three listed above will be contacted to determine interest in such a federation. This type of organization deserves, we believe, serious consideration. Dr. R. P. Niedermeier, a member of our Board, has agreed to represent our association in future negotiations.

We cannot give credit individually to all who have contributed through service on committees and otherwise during the past year but we insure you that your help has been vital and most sincerely appreciated.—N. L. Jacobson.

Report of Dairy Foods Division. Presented within the Dairy Foods Division were:

Manufacturing Section — 1) 11 technical sessions with 92 technical papers; 2) symposium with Production Division of milk synthesis; and 3) symposium with Industry and Business Section on Environmental Concerns in the Dairy Industry.

Industry and Business Section — 1) seven invitational papers and 2) joint symposium with Manufacturing Section on Environmental Concerns in the Dairy Industry.

Dairy Foods Division — 1) joint symposium with Production Division on Milk Composition Variability and Its Relation to Milk Marketing and 2) joint symposium with Production Division and ASAS on Diet, Blood Lipids and Cardiovascular Disease.

The officers elected for 1973 were as follows:

Dairy Foods Division —
Chairman, T. Kristoffersen, Ohio
Vice-Chairman, Norm Olson, Wisconsin
Secretary, Grant Hartman, Jr., Indiana

Manufacturing Section —
Chairman, John Nelson, Wisconsin
Vice-Chairman, Joe Tobias, Illinois
Secretary, Robert Sellers, Wisconsin

Industry & Business Section —
Chairman, Bob Marshall, Missouri
Vice-Chairman, Grant Hartman, Jr., Indiana
Secretary, Jim Martin, South Dakota

Business for the Dairy Foods Division included the following:

(1) Consideration of American Association of Candy Technologists with Dairy Foods Division. Present status is no progress is indicated; however informal contact will be maintained.

(2) A revision of the divisional by-laws was considered. Some inconvenience and confusion has resulted from present procedures and a committee will be appointed to take appropriate measures in clarifying these problems.

(3) The following motion was passed by the Manufacturing Section; “The Manufacturing Section recommends that the Executive Board of ADSA appoint a secretary to the committee of evaluation of dairy products to assist with correspondence and arrangements in connection with the annual collegiate dairy products evaluation contest.” The Dairy Foods Council discussed the recommendation. The Council concluded that there was presently insufficient information available concerning the implications of the proposal for one to render a valid judgment.

Further, the Council wished to emphasize
that a secretarial commitment should be only
an interim measure and that a thorough study
of the matter should be made by a knowledgeable
group representing the Association and other interested groups. Perhaps the appointed
committee could prepare its report at the 1972 judging contest.

There were no resolutions from either section. M. E. Gregory, Chairman.

Production Division Report. This has been a busy year for the Production Division. In the
selection of committee members, several qualified industry people were invited and agreed to serve. It is the hope of the Council that committees will consider outlining some of the current problems of the industry and the opportunities that our organization has to assist in solving these problems.

The Chairman-Designate of the Production Division was encouraged to select new committee members prior to the Annual Meeting of ADSA. This made it possible for these new members to meet with the current committee during the ADSA meetings and become oriented on their new responsibilities. Since program planning begins in the early fall, it is desirable for these committees to become active and get their ideas to the Program Committee soon after the completion of the Annual Meeting.

For the 1972 ADSA Meetings, Production Division Committees were not encouraged to develop additional symposia since the third day was reserved for joint symposia with ASAS and PSA. Other symposia scheduled were Milk Composition Variability and Its Relation to Milk Marketing, Animal Waste Management, and Milk Synthesis.

The activities of the Association committee on Classification of Particle Size in Feedstuffs are in the production area and the Production Division Council recommends that the Feeding and Management Committee accept this area of responsibility.

For the Production Division, 169 scientific papers were accepted plus the 11 papers on Milk Synthesis (joint) listed in the Manufacturing Section this year.

The Ad Hoc Committee on Milk Synthesis requested status as a standing committee.

The following officers were elected for 1972-73: Chairman — G. H. Stott, Arizona, Vice Chairman — J. L. Albright, Purdue, Secretary — R. D. Appleman, Nebraska. E. E. Starkey, Chairman, 1971-72.

Report of the Student Affiliate Division. The following officers were elected by the Student Affiliate Division for the year 1972-73: President, R. Paxson, University of Georgia; First Vice President, Mark Ground, Texas A&M University; Second Vice President, Dave Jones, Virginia Polytechnic Institute and State University; Third Vice President, Earl Fisher, The Ohio State University; Secretary-Treasurer, Paula McGrew, Louisiana State University; Student-at-Large, Mike Pierce, Louisiana State University.

During the business meeting the delegates passed the following motions: 1) Outstanding Student and Outstanding Advisor awards to be added to the Division's activities. 2) Recommend Dr. William Etgen of VPI and SU be appointed to the Student Affiliate Division Council. 3) Encourage the Student Affiliate Division Council to initiate the following changes in the Division contests.

a. Changes in the scoring of the Outstanding Chapter Contest.
b. Student Affiliate Division's Undergraduate Paper Contest participants who have received first place awards in the competition be ineligible for future participation in the Undergraduate Paper Contest. Richard Wilkes, President, Student Affiliate Division 1971-72.

Report of the Resolutions Committee.

Whereas many members of the American Dairy Science Association are members of the American Society of Animal Science, and

Whereas opportunity exists for mutual cooperation, strengthening, and expansion of programs with increased participation in meetings and activities of mutual interests, be it

Resolved that effort be encouraged to provide further joint meetings of these two societies, and further be it

Resolved that the American Dairy Science Association seek stronger relationship with the American Society of Animal Science and possibly related societies to form an organization such as a Federation of Animal Societies.

Whereas members of the American Dairy Science Association have vital interest in new automated milk testing devices and methods, and

Whereas the American Dairy Science Association is not normally the group to which regulatory agencies look for official methods, and

Whereas use of instrumentation in analysis of milk is increasing, and

Whereas the Association of Official Analytical Chemists is the appropriate organization for approval of official methods, it is

Resolved that the American Dairy Science Association, through the Secretary, recommend to the Association of Official Analytical Chemists that it include in official approvals of such
devices a specific procedure of machine calibration (i.e., initial, daily, long-term) and subsequent checks to assure accuracy.

Whereas members of the American Dairy Science Association who have attended the 67th annual meeting have been recipients of most cordial and gracious hospitality, and

Whereas members and their families wish to express their appreciation to the Department of Dairy Science and the Department of Food Science and Technology of Virginia Polytechnic Institute and State University and all other sponsors for helping to make this annual meeting a success, be it

Resolved that the American Dairy Science Association, through its President, convey this gratitude to the President of Virginia Polytechnic Institute and State University and appropriate departmental chairmen.

Whereas honoring dairy scientists for outstanding accomplishments in teaching, extension, and research has been facilitated for a number of years by generous support of many sponsoring organization, be it

Resolved that the American Dairy Science Association request its President to convey by letter its appreciation to American Feed Manufacturers Association, Borden Co., Inc., Dairy Research, Inc., The DeLaval Separator Company, Kraftco Corporation, Milk Industry Foundation, National Association of Animal Breeders, National Milk Producers Federation, and Pfizer, Inc.

Whereas Ralston Purina Company has encouraged graduate research and education through its sponsorship of Research Fellowship Awards in Dairy Science, be it

Resolved that this Association express its appreciation, through its President, for support of these awards and its hope for their continuation.

Whereas the printed program for the 1972 meeting of the American Dairy Science Association was provided by Dairyland Food Laboratories, Inc., Waukesha, Wisconsin, and

Whereas by agreement with the Association, Dairyland Food Laboratories, Inc., has offered to provide similar programs for annual meetings for five years, be it

Resolved that the American Dairy Science Association express appreciation, through its President, to the Dairyland Food Laboratories, Inc., for generous support of the Association and publication of programs for the annual meetings.

Whereas improvement of the consumer image of milk and milk products is widely sought and

Whereas constant vigilance is needed to maintain the high stature of healthful, nutritious dairy food products, and

Whereas continuing and aggressive presentation of a positive and factual program about the dairy industry is imperative, be it

Resolved that the American Dairy Science Association commend the American Dairy Association, National Dairy Council, and other organizations for publicizing information of nutritive values of dairy foods.
Officers, Committees, and Representatives of the American Dairy Science Association July 1972 - June 1973

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