

received cooperation from others.

At this same time, I was working on a paper in commemoration of Wilks that I am to present at the Tenth Conference on Design of Experiments in Army Research, Development and Testing at the Statler-Hilton Hotel, Washington, D. C. on November 4 - 6, 1964. It happens that due to a suggestion from Wilks, I established this series of conferences when I was Assistant Chief of Ordnance for Research and Development, and Wilks chaired all of them up to the time of his death.

It suddenly occurred to me that Rust was getting what he wanted (through the medium of Grubbs' monograph) yet no person was directly responsible. It had been effected by the willing cooperation of men of good will who worked for science sake rather than for any material reward. I thought that if Rust was financially able, he might be willing to establish an award, both to express his appreciation to those who had worked on the problem about which he had asked questions and to do a beneficial act to the scientific community. I discussed this matter with Rust by correspondence and he is delighted to do so. His one stipulation is that he wishes to remain anonymous to which, the Army Research Office, Grubbs and I all object; and will not yield unless he insists very strongly. Would you kindly express your opinion in this matter?

All persons concerned (except Grubbs, who has not been asked) agree that Grubbs should receive the initial award (not the first award but a procedure similar to that of the Shewhart medal) and an honorarium, not a part of the endowment. We propose that the award to Grubbs be made November 4, even though we have to present him with an empty box for lack of a medal.

I deeply appreciate your willingness to be of service and of achieving the end point outlined, even though some variations may be necessary. Please let me know as soon as you have any definitive information because the deadline is extremely close.

Sincerely yours,

Leslie E. Simon
Maj Gen USA(Ret'd)

OBLIGATIONS OF THE ASA
(relative to the proposed Samuel S. Wilks Award)

Except for matters pertaining to the initial award, the following responsibilities or obligations are ASA's: (The Wilks' Award will consist of a medal and an honorarium of the order of \$100.00):

- a To accept the sum of money donated to ASA for the Wilks' Award, and be custodian of the endowment.
- b See to the investment of the endowment so as to bring an annual yield sufficient to support the Award (both the medals and the honorarium).
- c See to the design of the medal and the striking of an appropriate number of medals, e.g. 4, 8, or 10, but not so many as to unduly deplete the endowment, whereas it could otherwise earn more yield.
- d After satisfying the preceding paragraph, all expenses of the continuing Award should be paid, if practicable, out of income.
- e To annually determine the amount of honorarium that can be paid prudently for that specific year. This should be of the order of \$100.00.
- f Annually, see to it that an appropriate existing committee is selected (or appointed) to select the awardee, based on the criterion that he is a person whom the committee regards as deserving of the Award, based primarily on his contributions (either recent or past) to the welfare of the Army through new scientific or technical knowledge, ingenious applications of existing knowledge, or successful activity in the fostering of cooperative scientific efforts that proved useful to the Army. The person selected may, but need not be, in the military service or a Government employee.
- g Annually, see to it that an appropriate person is selected to present the Award.
- h Require that the Award be made in connection with the Army's Annual Conference on Design of Experiments which Wilks chaired for nine years, provided that the Conferences continue to be held and seem appropriate.
- i The ASA may, if the Army's Conferences on Design of Experiments are discontinued or lapse for

more than two years, at its discretion, select some other occasion for the Award and, if necessary, some other criteria that are consistent with the bases of the Wilks Award. If occasion should arise, wherein the ASA could find no effective way for the Award to continue to commemorate Wilks and to comply with the Bases of the Award, it may terminate the Award and absorb the endowment for other philanthropic enterprises, preferably with emphasis on benefits to the Army.

BASES OR BACKGROUND OF THE WILKS' AWARD

a. The Wilks' Award was made possible through the generosity of Mr. Philip G. Rust, of Winnstead Plantation, Route 3, Thomasville, Georgia.

b. Mr. Philip G. Rust was interested in simplified statistical measures of central tendency and dispersion (having to do with small arms targets); and, accordingly made inquiries to various statisticians and persons interested in Statistics, primarily those associated with the Army.

c. As a consequence of Mr. Rust's inquiries, a number of persons (among them was Dr. Samuel S. Wilks) cooperated in getting solutions of his problems, which appeared to be an illustration of cooperation among scientists in seeking new knowledge.

d. None of the persons who received inquiries emanating from Rust, worked specifically for Rust; hence Rust concluded that he could best show his appreciation of marked cooperation among scientists by setting up an award that would stimulate future efforts in evolving new knowledge with particular emphasis on knowledge that would further ends associated with the Army.

e. Wilks was noted for his generous work for Government, his cooperation efforts, and leadership. Hence, it was very desirable to have the award honor Wilks.



AMERICAN STATISTICAL ASSOCIATION

Room 703 • 810 - 18th Street, N.W. • Washington, D.C., 20006

EXECUTIVE DIRECTOR
DONALD C. RILEY

October 8, 1964

To: Members of the Board of Directors of the
American Statistical Association

From: Donald C. Riley

Subject: Special Medal in Honor of Samuel S. Wilks

I received a rather unusual telephone call during the last week from Major General Leslie E. Simon (retired), who headed the Aberdeen Proving Ground Statistical Organization during the War and who is a Fellow of ASA. Many of you know him. He had tried to reach Al Bowker and Allen Wallis, and when he called me, I promised to check with the Board of Directors at once.

He has given the American Statistical Association a firm offer that we act as administrators of a small fund and the choosers of a committee to arrange for the selection each year of a person to receive a medal in memory of Sam Wilks for outstanding contributions, especially in the area of design of experiments. It is a rather unusual proposal but I have checked so far with two members of the Board of Directors, namely, Seymour Geisser and Frederick Mosteller, and both of them feel that it is high time that there be more medals in our field and that this sounds very appropriate.

This grows out of the work of Sam Wilks and more recently Frank Grubbs. Before Sam's death, a Georgia planter at Thomasville, Georgia, who has long had a hobby in the small arms field, got rather detailed help from Sam Wilks and later from Frank Grubbs in applying statistical analysis to the pattern of small arms fire. Colonel Kenneth Bull, Executive Secretary, Army Scientific Advisory Panel, Office of the Chief for Research and Development, Department of the Army, became very much interested in it. As you may know, the Department of the Army has, for the last nine years, had an annual Conference on Design of Experiments and for those nine years Sam Wilks was its chairman. The Georgia planter, Mr. Philip G. Rust, would like to turn over, in the form of a foundation, \$3,500 to \$5,000 for investment by ASA. From this an annual medal would be struck and an honorarium to the medalist provided. The next Conference is to be about November 3 in Washington at the Statler Hotel and approval by ASA of this arrangement before then is urgently requested. It would be too late this year to have the medal ready by that time but the award would be made during that Conference and, I presume, annually at that Conference or at the Annual Meetings of the American Statistical Association. At any rate, it is understood that ASA would appoint an administrative and selecting committee and, if you approve, I would suggest that this committee be appointed by the President of the American Statistical Association in consultation with General Simon. The medal would not be confined to analysis of small arms fire but to

Members of the Board of Directors of ASA

October 8, 1964

scientific problems in many areas not confined solely to those of primary interest to the military.

As I pointed out above, both Mr. Geisser and Mr. Mosteller believe the idea to be an excellent one and I can see no special bugs in it. In fact, I believe it is not inappropriate to quote Mosteller that he is enthusiastic and believes more of this sort of thing should be done.

A card is enclosed in which you can express your positive or negative reaction. You may also wish to write me or President Bowker further. Because of the pressure of time, I am suggesting a deadline for replies of October 20.

Encl.

cc: Leslie E. Simon
Kenneth Bull
F. Frishman

P. S. If this proposition is accepted by a majority of the Board of ASA, I am sure President Bowker will appreciate receiving suggestions from Board members for persons to serve on the selection committee.

JAGA 1964/4740

SUBJECT: Wilks' Award Endowment

TO CRD

FROM TJAG

DATE 8 OCT 1964

COMMENT NO. 2

Maj Zalonis/53315

1. There is no legal objection to the establishment of the Samuel S. Wilks award as proposed by Maj Gen Simon, USA Ret, in his letter of 3 October 1964 addressed to the Executive Secretary, Army Scientific Advisory Panel.

2. A legal question could arise in the event the Samuel S. Wilks Medal and honorarium were awarded to an Army member or civilian employee for meritorious work performed in the course of his official duties. Title 18, United States Code, section 209, generally prohibits an officer or employee of the Executive branch of the United States Government from receiving any salary or any contribution to or supplementation of salary from any source other than the Government of the United States as compensation for his services rendered to the Government. Thus, should the sole criterion used in making the award to such an individual be the recognition of the tangible or intangible value to the Army of the work he has performed in the course of his employment, the officer or employee would probably be precluded from accepting the award. However, if the criterion used is the recognition of an individual's personal, intellectual contribution to the advancement of scientific knowledge, which contribution might only coincidentally have benefited the Army, and if the award were made and accepted, not with the intent of supplementing salary but rather with the intent of recognizing intellectual accomplishment, there would probably be no violation of the criminal statute. In this regard, it is suggested that paragraph f of the inclosed paper "Obligations of the ASA" be changed to read:

"f. Annually, see to it that an appropriate existing committee is selected (or appointed) to select the awardee, based on the criterion that he is a person whom the committee regards as deserving of the award, based primarily on his contribution (either recent or past) to the advancement of scientific or technical knowledge, ingenious application of existing knowledge, or successful activity in the fostering of cooperative scientific efforts which has only coincidentally benefited the Army. The award shall be made with the intent of recognizing the personal, intellectual accomplishments of the individual and shall not be given with the intent of supplementing

JAGA 1964/4740

the individual's salary, providing him with compensation, or advancing the interests of the donor or trustee of the endowment."

3. If the problem discussed in paragraph 2, above, arises in a specific case, the matter should be referred to this office for a legal opinion.

FOR THE JUDGE ADVOCATE GENERAL:

[SIGNED]

l Incl
nc

WILLIAM M. NICHOLS
Lieutenant Colonel, JAGC
Chief, General Law Branch
Military Affairs Division

Design of Exp.
Conf.

19 October 1964

Mr. Philip G. Rust
Winnstead Plantation
Route 3
Thomasville, Georgia

Dear Mr. Rust:

General Simon has informed me of your generous offer to establish an award for statisticians in memory of Professor S. S. Wilks. This offer is greatly appreciated. I understand that the American Statistical Association is considering the administration of the award.

It is my understanding that the initial award will be presented at the Army's Tenth Design of Experiments Conference to be held on 4 - 6 November 1964 at the Statler Hilton Hotel. This Conference has been dedicated to the memory of Professor Wilks in recognition of his many contributions to the Army.

You and your family are cordially invited to attend the Conference and the banquet, planned for the evening of 5 November, as guests of the Army. In addition, it would be most fitting for you to present the award.

Inclosed is a preliminary agenda of the Conference. I do hope you can participate.

Sincerely,

(signed)

Incl
as

Willis M. Hawkins
Assistant Secretary of the Army (R&D)

Comeback - Phys Sci Div
ARO



AMERICAN STATISTICAL ASSOCIATION

Room 703 • 810 - 18th Street, N.W. • Washington 6, D. C.

EXECUTIVE DIRECTOR
DONALD C. RILEY

October 22, 1964

Major General Leslie E. Simon
1761 Pine Tree Road
Winter Park, Florida

Dear Les:

Word came to me from Colonel Bull's office that you thought it might be a good idea to look over remarks you have asked me to make just before Mr. Rust makes the first Sam Wilks award. As I understand it, I would speak immediately after your speech which begins at 9:30 a.m. on Wednesday, November 4 at the Statler Hilton.

I would appreciate any pencilling up that you might want to make in this draft. If I have duplicated, unnecessarily, any of your remarks, I want you to say so. I believe you asked that I speak for about five minutes and I think this draft would fall within that compass. I may have missed certain things that should be said or said certain things that are unnecessary. Please let me know. I will certainly be at the hotel before 9:30 and will try to register for the Conference the day before.

May I repeat that it is very good to be working once more with you. I believe we first became acquainted in the early part of the Second World War.

Sincerely yours,

Donald C. Riley

Encl.

cc: K. Bull
V. R. Herschner, Jr.

DRAFT
10/22/64

Brief Remarks by Donald C. Riley, Executive Director,
American Statistical Association, Thursday Morning, November 4
Tenth Annual Design of Experiments Conference

Many other members of the American Statistical Association, as well as myself, are glad to be present at this, the Tenth Annual Design of Experiments Conference. This is a very special occasion and the American Statistical Association is glad to participate during a uniquely auspicious time in its long history. This year is the 125th Anniversary of the establishment of the American Statistical Association which has been discovered, in recent research at Stanford, to be the second oldest national professional society in the United States.

The American Statistical Association has always worked closely, although usually quite informally, with agencies of the Federal Government. For example, during the year it was founded, 1839, it began to press for the improvement of decennial censuses and its representatives played a major part in the design for four of the six census schedules in 1850. As statistics and statistical methodology have proliferated vastly since that time, almost all areas of research have felt the impact and certainly the whole area of design of experiments has had the closest association. The annual Design of Experiments Conference has become an institution. General Simon has reminded you of the very close association of Professor Samuel S. Wilks with this Conference. Most of you know that close association by heart, I am sure. Sam lent his aid readily and unstintingly in many areas. This was part of the genius of the man.

I should note also that Wilks was President of the American Statistical Association in 1950 and that he had always done much for the Association. He also helped to carry on in another area the close relation between the Association and the Federal Government. Just the day before he died he participated as a member of the Advisory Committee on Statistical Policy to the Office of Statistical Standards in the Bureau of the Budget which requires consultation at a very high level in its work as the central statistical coordinating body of the Federal Government. This Committee consists largely of former ASA Presidents and Wilks was one of its "founding fathers".

(cont.)

The American Statistical Association has been asked to select a committee to administer the special award which, I believe, will be made when I finish these brief remarks. It has been asked to invest the funds so generously turned over to it for this purpose and I am sure that its Board of Directors, which has given its whole-hearted approval, feels honored in being asked to join in honoring Sam Wilks. ASA will need to consult very closely with those of you who have helped to develop the annual Design of Experiments Conferences in the selection of an Annual Sam Wilks Award Committee. I hope that Dr. Albert H. Bowker, the President of the American Statistical Association this year, will be able to announce this Committee shortly.

Incidentally, I will be unable to attend the banquet here tomorrow evening because I long ago agreed to attend the inauguration ceremonies in New York of Dr. Bowker as Chancellor of the combined Universities of the City of New York which was organized a few years ago.

ASA will want to continue to advise closely with the Conference and will be glad to ask its auditor to render a brief auditing report each year if this seems satisfactory to those who have been so close to Sam Wilks, General Simon and especially Mr. Philip G. Rust, who has been so generous and public spirited in making the award possible. I should like to join in thanking him most profoundly.



AMERICAN STATISTICAL ASSOCIATION

Room 703 • 810 - 18th Street, N.W. • Washington 6, D.C.

EXECUTIVE DIRECTOR
DONALD C. RILEY

October 23, 1964

Mr. Philip G. Rust
Winnstead Plantation
Thomasville, Georgia

Dear Mr. Rust:

This will acknowledge, with great appreciation, your check in the amount of \$5,000.00 to establish the Wilks Memorial Award, to be administered by the American Statistical Association in accordance with the instructions and limitations listed by General Simon in his correspondence with us.

I understand that you will be at the presentation ceremony on the first day of the Design of Experiments Conference, to be held here in Washington in the Statler Hilton Hotel on November 4. I shall also be there and shall look forward to meeting you and expressing in person our appreciation. Your action has been in the best scientific tradition.

And now to more immediate things. It occurs to me to remind you that your remittance is deductible on your income tax return, as a contribution to the American Statistical Association, which is a nonprofit, professional, scientific society and exempt under the Internal Revenue Code 501 (c) (3).

We would like to consult with you from time to time as this project gets under way. I am sure that the President of the Association will want to appoint a committee that has full representation in the field in which you, General Simon and Wilks have expressed such great interest. As you may know, we have already had a number of suggestions for the committee from General Simon and other members of the American Statistical Association with whom we have consulted.

I shall look forward to seeing you on November 4.

Sincerely yours,

Donald C. Riley
Executive Director

cc: Leslie E. Simon
Albert H. Bowker
W. Allen Wallis
J. R. Herschner, Jr.

1761 Pine Tree Road
Winter Park, Florida
October 27, 1964

Mr. Donald C. Riley
Secretary - Treasurer and Executive Director
American Statistical Association
810 18th Street, N.W.
Washington, D. C. 20006

Dear Don:

It is most kind of you to invite me to comment on the draft of your address. I think your remarks are excellent, especially in view of the fact that the audience should be made more aware of the ASA and the fine work it is doing. However, I cannot pass up an opportunity to make suggestions. I think you should say three more things, and offer the following:

Delete the first sentence on your page two, and in lieu thereof substitute: "As mentioned in General Simon's address, the ASA has recently had the opportunity to be of further services. By joint agreement between representatives of the Army, Mr. Philip G. Rust and the ASA, the Samuel S. Wilks Award has been established. The Award will consist of a medal and an honorarium. The ASA has accepted the obligation of administering the Award in accordance with guidance and criteria which are consonant with law and with the wishes of Army representatives, Mr. Rust and the ASA." These are substantially summarized in a single paragraph that I quote,

"f. Annually, see to it that an appropriate existing committee is selected (or appointed) to select the awardee, based on the criterion that he is a person whom the committee regards as deserving of the award, based primarily on his contribution (either recent or past) to the advancement of scientific or technical knowledge, ingenious application of existing knowledge, or successful activity in the fostering of cooperative scientific efforts which has only coincidentally benefited the Army. The award shall be made with the intent of recognizing the personal, intellectual & accomplishments of the individual and shall not be given with the intent of supplementing the individual's salary, providing him with compensation, or advancing the interests of the donor or trustee of the endowment."

Then, delete the first word of the second sentence; and in lieu thereof substitute, "the ASA" --- and continue to the end of the first paragraph of page two.