

LEGATION OF SWEDEN  
WASHINGTON 8, D. C.

January 12, 1944.

CARNEGIE  
INSTITUTION  
JAN 13 1944

OF WASHINGTON

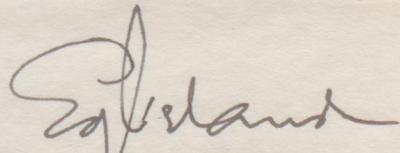
Dr. Vannevar Bush, Director,  
Carnegie Foundation,  
1530 P Street, N.W.,  
Washington, D.C.

Dear Dr. Bush:

Since I have been an associate member of the American Institute of Electrical Engineers for a period of 25 years, I should like to transfer to membership. According to the statutes I must refer to four fellows of the Institute. Would you be kind enough to let me give you as reference. <sup>2</sup>

For your convenience I am enclosing herewith a copy of the statement in regard to my activities which I have submitted with the application.

Yours very sincerely,

  
EDY VELANDER

Encl.

January 18, 1944.

Mr. Edy Velander,  
Legation of Sweden,  
Washington 8, D.C.

Dear Mr. Velander:

Replying to your letter of January twelfth, I will be very glad to have you use my name as a reference in connection with the transfer to membership in the American Institute of Electrical Engineers. I have, in fact, received a communication already from the National Secretary to which I will reply promptly.

I trust that your return to this country after a long period of absence is providing you with a great deal of interest in connection with your professional work.

Very truly yours,

V. Bush.

LEGATION OF SWEDEN  
WASHINGTON 8, D. C.

April 16, 1944.

CARNEGIE  
INSTITUTION  
APR 17 1944

OF WASHINGTON

Dr. Vannevar Bush,  
Carnegie Institution,  
16th at P Street, N.W.,  
Washington, D.C.

My dear Dr. Bush:

I am now again back in Washington since a couple of days and it was a great disappointment that I could not reach you over the telephone. I am anxious to tell you a little about my experience on the round trip to California which I have just made, and to tell you how kindly Dr. Millikan received me at Cal.Tech.

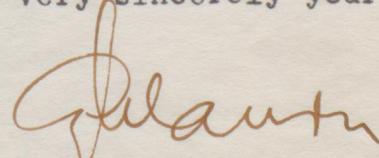
Also I should like to touch again upon the question of the mathematical machines at MIT. Do you think there will be any possibility for me to make a visit there without of course looking into any of the problems which are treated and which may not be open to inspection?

I am going to Chicago today and intend to stay there for about ten days. I expect to be back, however, on May 4th and I hope then to meet some of my American friends and also some of the leading men of the Legation, who have helped me with my studies. I am arranging a little informal dinner at the Metropolitan Club at 17th & H Streets on Thursday, May 4th, at 6.30 p.m. and I am wondering whether you would give me the very great pleasure and honour of your presence. There are so many impressions from my trip I should like to discuss.

In the meantime I could best be reached at the Swedish Consulate General, 44 East Bellevue Place, Chicago, Ill. May I hope to get a favourable reply?

With best regards,

Very sincerely yours,

  
EDY VELANDER

LEGATION OF SWEDEN.  
WASHINGTON D. C.

April 16, 1944.

April 17, 1944.

Mr. Edy Velander,  
c/o Swedish Consulate General,  
44 East Bellevue Place,  
Chicago, Illinois.

Dear Mr. Velander:

I am glad that you had an interesting visit to California and it would be pleasant to be able to join you at dinner on May fourth and learn in more detail of your experience. Unfortunately, however, this will not be possible, and I regret that I must forego what I am sure will be an interesting occasion. I am rather doubtful as to the feasibility of attempting to arrange for an inspection of the machines there at MIT in the near future. They are loaded to capacity and also with extremely confidential and important work so that a visit at the present time would mean that you would have an unsatisfactory opportunity for studying their operation.

In the meantime I could best be reached at the Swedish Consulate General, 44 East Chicago, Ill. May I hope to get a favorable reply?

With best regards,

Very sincerely yours,

V. Bush.

EDY VELANDER



EDY VELANDER

Professor, Director of the Ingenjörs-vetenskapsakademien  
(Royal Institute of Scientific Engineering Research)  
Stockholm 5073, Sweden.

Remember the nice visit I had with you  
not long ago?

I wish to thank you for our interesting  
talk, and I hope to see you soon again.

If you ever come to Sweden, don't forget  
to let me know—I'll do my best to put  
you in contact with the right people. If,  
in the meantime, I could get you litera-  
ture or information I would be very glad  
to do so.

CARNEGIE  
INSTITUTION

JUL 25 1944

OF WASHINGTON

By  
Professor Edy Velander  
Technical Adviser,  
Royal Swedish Legation  
Washington, D. C.

Wartime Organization  
of  
Scientific Engineering  
Research  
*in Sweden*

By  
Professor Edy Velander  
Technical Adviser,  
Royal Swedish Legation  
Washington, D. C.



# INGENIÖRS VETENSKAPS AKADEMIEN

BOX 5073 STOCKHOLM 5

Grevturegatan 14

Telefon: 67 09 10

Telegramadress: IVACADEMI

Postgiro: 59 905

18 March, 1949

EV/MK

The Carnegie Foundation  
Assistant Director  
16th and P Street  
NW Washington D.C.

CARNEGIE  
INSTITUTION  
MAR 22 1949  
OF WASHINGTON

Dear Sir,

To my great regret I heard the other day that Dr. Vannevar Bush is ill and is taking repose in Central America.

I had the privilege of meeting Dr. Bush at the MIT more than 30 years ago and when I visited the US 5 years ago he was so kind as to receive me and we had very interesting conversations.

I am now intending to visit America again and hope to arrive in Washington somewhere around 15 April. I had the intention then of looking up Dr. Bush and I should be very much obliged to you to inform me of his whereabouts at that time and if you think that his health would allow him to receive me as a visitor.

Very sincerely yours

A handwritten signature in cursive ink, appearing to read "Edy Velander".

Edy Velander  
Professor, Director of  
the Royal Swedish Academy  
of Engineering Sciences

INGENJÖRS  
VETENSKAPS  
AKADEMIEN

March 23, 1949.

BOX 5073 STOCKHOLM 5  
Grev Turegatan 14

Telefon: 67 09.10

Telegmed Dr. Edy Velander,  
Postgiro 59 905 Box 5073,  
Stockholm 5, Sweden.

18 March, 1949

EV/MK Dear Dr. Velander:

I am replying to your letter of March 18, for I have now returned to the office and, in fact, am now in excellent physical condition. My stay in Central America was very helpful indeed and such physical difficulties as I had are now things of the past.

I am very glad indeed to hear that you are going to be in Washington shortly and I will look forward to seeing you. I judge that the Swedish Embassy will look after your affairs and make such contacts as you may wish to have, but if there is any way in which I can add to this I will be happy to do so. In any case, I hope you will drop in and see me while you are here.

Very truly yours,

V. Bush.

Edvard  
Velander  
Secretary, Director of  
the Royal Swedish Academy  
of Engineering Sciences



# INGENIÖRS VETENSKAPS AKADEMIEN

BOX 5073 STOCKHOLM 5

Grevturegatan 14

Telefon: 67 09 10

Telegramadress: IVACADEMI

Postgiro: 59 905

28 March, 1949

EV/MK

CARNEGIE  
INSTITUTION  
MAR 31 1949

OF WASHINGTON

Dr Vannevar Bush  
Carnegie Foundation  
1530 P Street  
Washington 5 D C

Dear Dr Bush,

Few letters have given me such a keen pleasure as yours of 23 March, by which you tell me that you are o'kay again after your Central-American trip.

I am so glad to hear that you are in Washington and I will try to get in contact with you as soon as I arrive, probably on 14 April, for I am very anxious to meet you again.

Last time it was impossible for me to visit the Bureau of Standards. I do hope it will be possible now and I have asked the Embassy to recommend me. Also, I have written to Harvey Davies, asking him for the favour of a recommendation to guest membership in the Cosmos Club for two months. If my letter does not reach him perhaps you could be so very kind as to help me. (I have just got words that the matter is arranged.)

I am looking forward very much to this visit to America and I hope to have some interesting days in London, where I have appointments with Sir Charles Darwin, Sir Edward Appleton, Sir Harold Hartley, Dr Alexander King and last but not least with Dean Woolrich of Texas.

My primary interest this time is international cooperation between the few people in each country who deal with the allocation of grants for research but in a more specific line I am going to study mathematical machines (I am a member of the new Swedish State Board of Mathematical Machines), operational research, innovations in instruments and measurements and, finally, a still more specific problem: the gasification of peat and the Fischer-Tropsch synthesis. I have been in communication with Dr A C Fieldner of the Bureau of Mines and he has kindly invited me to take part in the inauguration in Louisiana, Miss. on 7 May. Also, I have a long standing invitation to visit the RCA Laboratories in Princeton - so you see I will have a good start.

Let me tell you once more how happy I am to know that you are back again in Washington and that I may look you up.

With cordial regards

very truly yours

Ely Velander



# INGENIÖRS VETENSKAPS AKADEMIEN

BOX 5073 STOCKHOLM 5

Grevtorgatan 14

Telpon: 67 09 10

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Postgiro: 59 905

Room 863-

630 Fifth Ave

New York 20, N.Y.

position to make.  
There are CARNEGIE's 135 active Dead-  
or 65 years INSTITUTIONS of foreign  
ian countries and American-Canadian,  
SEP 12 1949 of the highly  
developed countries scientific and  
and scientific and applied research OF WASHINGTON at the  
of the Academy, we elected some foreign members mainly from  
Sweden and Finland. I may name Dr. Vanavar Bush  
from Ottawa are foreign members. On September 14, 1949, we celebrated  
anniversary and we have chosen to elect four or five  
members. It is at least a few hours. Dr. R. B. Storerberg from the  
Carnegie Foundation  
16 & P Streets  
Washington, D.C.

September 10, 1949

Dear Dr. Bush:

I was very sorry yesterday to have to give up the chance of seeing you. I have been here for a month as government delegate to the United Nations' Scientific Conference on Resources and I have been tied up at Lake Success every day. Then I went down to Washington to see the Embassy and because of certain conferences there I could not dispose of my own time until the last minute. With this explanation as a background I beg you to forgive me for my seeming impoliteness to call you up so late. I had to go on the one o'clock train to New York because people were meeting me at the train at Trenton.

I should have liked so much to have told you about the extremely interesting tour I had in the US in April and May after I saw you on my first day in Washington and also it might perhaps have interested you to hear how we are proceeding with the computing machinery in Sweden. A binary digit relay computer is now being assembled and early next year we hope to have this working as a reasonably quick instrument of moderate capacity. In the meantime preparations are going on for the planning of an electric computor, various memories and other details being studied.

On September 21 we open the international conference on instruments and measurements which I may have mentioned to you. We have received about 50 papers for discussion and some of them seem to be quite good. Mr. W.A. Wildhack of the Bureau of Standards will take part in the conference as our guest and representing the Bureau and will give the opening speech on "Instruments - Common Denominator of Science". In connection with the conference there will be an international exhibition and there is a quite surprisingly large participation from many countries. As I expected, the US firms are not interested but we are getting, through courtesy of the Bureau of Standards and RCA, some non-commercial brand new and highly interesting things which the Adademy exhibits free of charge in a part of the exhibition which is otherwise devoted to results from research programs endowed by the State Council of Technical Research.

Apart from this gossip I have a more serious proposition to make.

In the Royal Academy of Engineering Sciences there are, apart from 135 active Swedish members and about 100 honorary members (over 65 years), a group of foreign members including colleagues from the Scandinavian countries and Swedish-Americans, and a group of corresponding members, one or possibly two from each of the highly developed countries selected among persons having a responsible and central position in organized scientific and applied research. Five years ago at the 25th anniversary of the Academy, we elected some foreign members mainly from Norway, Denmark and Finland. I may mention that Richard Soderberg from MIT and Dr. Lundberg of Ottawa are foreign members. On October 24, 1949, we are celebrating our 30th anniversary and we have been hoping then to elect four or five corresponding members. It is at least ten years since any were elected and therefore we have very few now.

Since I have the privilege of knowing you personally I have been requested by the election committee to ask you quite informally if you would care to accept corresponding membership. It is mainly an honorary matter and the members of course receive free of charge any publications they care to order from the Academy. On the other hand it would be a great pleasure and a great honor for us to have you among our corresponding members, and I am sure you would not mind if now and then we asked you for some advice.

I should like to ask you even now if Dr. King of the Nutrition Foundation and Dr. Zwemer of the National Research Council would be suitable candidates beside you, if we decide to elect more than one from the US.

Also I should like to mention that we hope to elect as foreign members Dean Ruben Gustafson of Nebraska, Dr. Glenn Seaborg, and Mr. Gunnar Nicholson, President Union Bag and Paper Co.

We know that you are receiving honorary degrees and memberships from many parts of the world, but still I hope that you will consider very seriously accepting our proposal. Personally I should consider it to be a very great pleasure and honor to read before the Academy at our anniversary meeting the proposal about your election as corresponding member.

I fly back to Stockholm today and should appreciate very much a few lines from you in the near future under the above address.

With cordial personal regards,

Yours very sincerely,

  
Edy Velander

# INGENIÖRS VETENSKAPS AKADEMIEN

CARNEGIE  
INSTITUTION

September 12, 1949.

BOX 5073 STOCKHOLM 5

Gravtorgatan 14

Telefon: 67 09 10

Telegrammed: Dr. Edy Velander,  
Postgiro: 59 905 Box 5073,  
Room 863. Stockholm 5, Sweden.

430 Fifth Ave

New York Dear Dr. Velander:

Dr. Vannevar Bush  
Carnegie Foundation  
16 & P Streets  
Washington, D.C.

September 10, 1949

Much as I would appreciate the honor, I believe that you should not suggest to the Royal Academy of Engineering Sciences that they make me a corresponding member. I have so many commitments these days that I hesitate to take on more, even although the responsibility involved may be almost nominal, for I certainly would not wish to allow such a significant election and then be found too busy to respond. I regret very much that I did not see you just before you left. I fully expected to have time free, but a very important matter came up which I could hardly interrupt as it involved some immediate action on an important subject. I hope the next time you are in this country I will see more of you and that something will bring me to Stockholm before long, for I have always hoped to visit the Scandinavian countries. Cordially yours,

On September 21 we open the international conference on instruments and measurements which I may have mentioned to you. We V. Bush received about 50 papers for discussion and some of them seem to be quite good. Mr. W.A. Wildhack of the Bureau of Standards will take part in the conference as our guest and representing the Bureau and will give the opening speech on "Instruments - Common Denominator of Science". In connection with the conference there will be an international exhibition and there is a quite surprisingly large participation from many countries. As I expected the US firms are not interested but we are getting, through courtesy of the Bureau of Standards and RCA, some non-commercial brand new and highly interesting things which the Academy exhibits free of charge in a part of the exhibition which is otherwise devoted to results from research programs endowed by the State Council of Technical Research.