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Wallace W. Atwood

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Dr Atwood

3

September 14, 1920.

Memorandum to Chiefs of Sections.

It is important that as many as possible of the Geologic Aids and recently appointed Assistant Geologists, who have demonstrated geological ability and other qualities rendering it desirable that the Survey retain their services and include them on its permanent staff, be brought to Washington at the end of the present field season.

Will you, therefore, call on the geologists of your section who have field assistants, whether they are Assistant Geologists, Geologic Aids, temporary appointees not yet under Civil Service, or geologic graduates, to account for them fully and without favor, advising you as to their scholarship, training, habits of thought, geological knowledge, personality, character, demonstrated value as field geologists, ability in mapping and interpreting structure, and writing ability? In fact, they should give full reports upon the qualifications of their assistants and the desirability of these assistants as permanent members of the staff.

If the Survey staff is to be built up and a personnel of high standard developed, the new appointees must be reviewed critically and carefully, but sympathetically, and reported on fully. Men not of the type desired on our permanent staff should be dropped at the end of the probational period.

Meanwhile, however, besides reporting upon the men, the geologists should be instructed to inform you and me promptly as to whether the new appointees are available for office employment and training during the winter or whether it will be necessary for them to resume their university work. It is known that several of the appointees have not finished their graduate studies and have been planning to return to their universities. It is important, however, to have all of these geologists' reports and definite information up to the present moment in regard to the intentions of the young men.

Please give this matter immediate attention.

Geologists having assistants to be reported on are Trowbridge, Sears, Alden, Richardson, Ransome, Calkins, Reeves, Thom, Collier, Buwalda, and Fath.

Attention of Messrs. Ransome, Campbell, Alden, Stephenson, and Heald. *Atwood*

Stephenson.

David White
Chief Geologist.

Dr. D. W.

-2-

Clark University, 6/20
Worcester, Mass.

From the scientific standpoint I feel that the work
Dr. David White, ^{read one.} I have results which I should like
U. S. Geological Survey, ^{some form before the Geological Society}
Washington, D. C. ^{the Geological Society of Washington, or}
^{before a meeting of the Survey men who are interested in what}
Dear Dr. White: ^{or, thus having the matter before a small}
^{group during the winter.}

Two ten-minute squares of the Conejos quadrangle
were completed and photographic copies of the map available late
in August. We completed our areal mapping of these areas and
finished a reconnaissance survey of the balance of the Conejos
quadrangle before leaving the field.

Everything that requires a large outfit such as we
have had in the mountain work is now finished. It would have
been necessary to wait several weeks in order to secure the
balance of the Conejos topographic map on which we could place
with accuracy the location and distribution of the formations
we have been mapping. I anticipate, therefore, that, in order
to have the same degree of accuracy in the published results
of the San Juan studies, it would be desirable for Dr. Mather or
me to spend a short period in the field.

I have left the stock with Arthur Broadhead at Creede.
He has taken care of the animals in my outfit for a number of
years. The pack saddles and saddle blankets are with him,
and the balance of my outfit is stored with George S. Liley
at Monte Vista, Colo. The balance is rather meager, for we
had a mishap of an unusual nature, though it seemed, if this
is to be my last season in the field, almost strangely appro-
priate. One evening one of the men who had been working
in the large tent where supplies were kept left a candle
burning on the table. He thought that the cook was up and
going to return to the tent. About midnight we all were
aroused, and for a few moments there much excitement in trying
to rescue what we could of our supplies from the burning outfit.
If there is a blank upon which a report of fire should be made,
I should be glad to have you forward it to me. We had to abandon
a great many articles which otherwise might have served some one
in another field season.

I have made as close an estimate as possible of the
expenses of the field season and wish to report that there is
an excess over and above what we have thus far spent of \$500.
This does not provide, however, for the care of the stock
during the winter, and of course leaves nothing for the ex-
penses of winter work on the report.

Clark University,
Worcester, Mass., Sept. 23, 1920

My dear Dr. White:

I have on hand at present some 500 views of the San Juans. I should like to put them in form so that they will be easily available for use in the writing of the report. I should be pleased, therefore, if you would send me some albums for this purpose.

Sincerely yours,

Geologist.

Dr. David White,
U. S. Geological Survey,
Washington, D. C.

Clark University,
Worcester, Mass.,
Sept. 30, 1920

Dr. David White,
U. S. Geological Survey,
Washington, D. C.

My dear Dr. White:

A young man named Richard Cutler (21 years old), who has been a student at Harvard, would like to have an opportunity to do some field work in geology during the coming four or five months. He did a little work with me, and I believe he is a man of at least fair ability, perhaps better than that, but most of his work was done with Professor Woodworth, who had him in the field in Montana. He spent a month in the San Juan region with Mr. James, who has been my assistant during the past season.

Cutler is willing to do anything to gain experience. Perhaps there is some chance for him in a topographic party. He has not completed his college course. He is not ready yet to pass a Civil Service examination, but perhaps you have some use for him. Possible you would like to have him come into the office. He is a good, clean, honorable fellow, coming from an excellent family, and I fully believe he is going to make good somewhere. His present address is #54 Dunster St., Cambridge, Mass.

Clark University
Worcester, Mass.
Dec. 7, 1920

Dr. David White,
U. S. Geological Survey,
Washington, D. C.

My dear Dr. White:

I should like to make arrangements to employ Preston E. James, Geologic Aid who was with me during the past summer, to compile the data from our various field maps and prepare such manuscript maps as he can to accompany our final report. Dr. Mather has usually done this work following our field season. It is absolutely out of the question for me to take this work up at once, myself, and I think it should not be delayed.

Mr. James worked on the basis of \$100 a month with a bonus of \$20. It is difficult for me to estimate how long it would take him to do the work, but it might take at least two months of his time.

I am getting hold of my administrative problems and am planning to go to work on my manuscript for the San Juan report. I should like to know what allotment you can provide for the present office season. I shall probably give the equivalent of between two and three months of time to the work, in addition to the stenographic assistance which I shall need.

Cordially yours,

Geologist.

U

Feb. 3, 1921

Dr. David White
U. S. Geological Survey
Washington, D. C.

Dear Dr. White:

I have just received the formal invitation from Mr. Heald for the Pick and Hammer Club, and I am putting down the engagement for the evening of February 26th. I hope I can arrive earlier or remain over for the first of the week so that we may have a more informal conference and visit.

Sincerely yours,

Geologist.

DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY
WASHINGTON

February 7, 1921.

Dr. Wallace W. Atwood,
Clark University,
Worcester, Mass.

Dear Doctor Atwood:

In reply to your letter of February 3:

You recall that the Survey will pay your traveling expenses to and from Washington, though I think the Comptroller will not permit paying your hotel bills while here. I am very glad to know that you will be here on February 26.

I have presented my thanks to the trustees of the University for their kind invitation to attend your inauguration, for which, of course, I am indebted to you. I am sorry not to have seen you when I was in Worcester.

I may add that the question of the oil shale testing is not yet fully ~~completed~~ ^{settled}, though I suspect that it will be done in the Geophysical Laboratory here in Washington. When the matter was brought before the Geophysical people a couple of years ago, they were not interested in organic rocks, but they are certainly interested now, and if not too full, will, I think, undertake the work.

Very truly yours,

David White
Chief Geologist.

Clark University
Worcester, Mass.
March 4, 1921

Dr. David White
U. S. Geological Survey
Washington, D. C.

My dear Dr. White:

I feel that the visit and the several conferences which I held in Washington have been very profitable indeed.

A letter has just gone to Mr. Paige regarding the base maps which can be prepared by a photographic process for use in compiling our data, and I have indicated to him that I would experiment on the San Cristobal quadrangle in the shading work.

With pleasant recollections of the trip to Washington, I am

Sincerely yours,

Geologist.

DEPARTMENT OF THE INTERIOR
 UNITED STATES GEOLOGICAL SURVEY
 WASHINGTON

June 4, 1921.

Prof. W. W. Atwood,
 Clark University,
 Worcester, Mass.

My dear Professor Atwood:

On May 14 the Division of Accounts reported that you had an unexpended balance of \$377.76 in your allotment for San Juan work. Are there any charges against this allotment for which vouchers have not yet been submitted? If so will you please submit vouchers at once, and also furnish an estimate of the amount you expect to use for your own salary and expenses and those of an assistant, before June 30.

Very truly yours,

David White
 Chief Geologist.

*You did not send in vouchers for
 your last trip for conference
 here.*

DW

*1 v.
 1 v.
 1 v.
 3 v.*

June 6, 1921

Dr. David White
U. S. Geological Survey
Washington, D. C.

My dear Dr. White:

We expect to use about \$300
before June 30th. A draftsman is at work
on the maps and Mather and I are both doing
work also.

I used transportation requests on my
last trip to Washington for the conferences,
and my other expenses were not large, so I
do not expect to send in any voucher to cover
them. You remember I was entertained while in
Washington by Dr. Cross.

Sincerely yours,

Geologist

Clark University
Worcester, Mass.
August 3, 1921

Dr. David White
U. S. Geological Survey
Washington, D. C.

My dear Dr. White:

Dr. Mather is here with me for a few days. We have talked over the San Juan work in some detail, and last night we took dinner with Dr. and Mrs. Cross at North Andover, and talked shop. There is one matter upon which we are all agreed and about which I think I should write to you at once.

The photographic bases which Mr. Paige suggested might be used in compiling some of our material, and which I thought might well serve for that purpose, are not satisfactory. If you have looked at one, you will have noticed that it is difficult for the photographer to get the separate units to match. Some of the maps were made on a scale of 15 minutes, some on a scale of 30 minutes, and some on a 60-minute scale. The contour interval differs, and we find that, when it is all reduced to the universal scale of about 4 miles to the inch, the presentation of our data is really impracticable. Dr. Mather has spent considerable time in preparing one such map, choosing for this trial one of the simpler studies - "The Extent of Glaciation in the San Juan Mountains" - but even for that purpose the base is quite unsatisfactory. He feels that his time was wasted, and I cannot but believe that the right thing to do is to have prepared at the earliest possible moment the new base on the scale of 4 miles to the inch, which we all agree must ultimately be prepared for use by both Dr. Cross and myself in presenting certain of our data in the report. As soon as we can get copies of that base we can proceed with the preparation of our final manuscript maps of the region as a whole. Dr. Mather and I anticipate, with Dr. Cross, that it will be impracticable to put on that scale some of the data we have gathered, and that it will prove desirable, with our report as with his, to have the folio sheets printed separately and included in an atlas or pocket to accompany the report.

If it is possible for the work on this base to be started,

Dr. David White

-2-

8/3/21

I know it will hasten the work on our report and bring it to completion much more promptly than anything else that we have thought of.

I am swilling to report that as Dr. Mather and I have gone over our work, we feel great encouragement. We have made a very good start, and we are both determined to push hard with the hope of completing the task just as quickly as possible.

Very sincerely yours,

Geologist

DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY
WASHINGTON

January 8, 1922.

Dr. W. W. Atwood:

MEMORANDUM to Members of the Geologic Branch:

The following order has been received from the Acting Secretary of the Interior:

"In the administration of the act of May 22, 1920, entitled "An Act for the retirement of employees in the classified civil service, and for other purposes," I find it necessary to have of record in this office an affidavit from each employee, setting forth definitely and specifically the date and place of birth of such employee, and the other information called for in accompanying form, each affidavit to be sworn to before a notary public or other officer authorized by law to administer oaths.

"The original affidavit of the employee will be filed in the Appointment Division of this Department, and a copy may be retained in the files of the bureau, if desired."

Please fill out the inclosed blanks in accordance with this order, having one of the copies sworn to, and return them as soon as possible.

David White
Chief Geologist.

(2 sent)

Clark University
Worcester, Mass.
April 27, 1922.

Dr. David White
Chief Geologist United States Geological Survey
Washington, D.C.

Dear Dr. White:

I have learned from Dr. Mather somewhat of the plans which you and Mr. Paige may be able to carry out for the San Juan work during the next fiscal year. I sincerely hope that Mr. Mather can be put into the field, and the work on the Conejos Quadrangle and perhaps some reconnaissance work just to the southeast of the range down the valley of the Rio Grande can be carried out.

You may think that I have lost my interest in the San Juan work, but that is far from true. I am now directing the preparation of some block drawings, with relief showing, that I think are going to prove to be wonderfully good contributions to our report. I worked them up first in pencil by myself, and now I have engaged Mr. Oliver - an artist who has worked under my direction for the last five years - to prepare the drawings for publication. They are based on an accurate reproduction of the topography in certain of the quadrangles where we have very significant data to present. The expense of these drawings will, I anticipate, come to four or five hundred dollars, and that will, I expect, exhaust the funds in our allotment for this fiscal year. I shall try to have the work completed early in June, so that we will see just where we stand a little before the close of the fiscal year.

While Dr. Mather is quite willing to do the remaining field work, I know it is his wish, as well as mine, that I take a good part of the responsibility in the interpretation of the data and the topographic relations at the eastern margin of the range; and I wonder if you would have any objection to my joining him in the field for a few weeks at my own expense, or would you provide for my actual traveling and camp expenses, if I could give about a month to such field work this coming summer season?

Cordially yours,

Herzog

DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY
WASHINGTON

May 2, 1922.

Pres. W. W. Atwood,
Clark University,
Worcester, Mass.

My dear Professor Atwood:

In reply to your letter of April 27:

As you are probably aware, reduced appropriations for the coming year will necessitate curtailment both in pay rolls and in field expenditures. The most necessary work will be carried out this spring with balances of this year's appropriation, made available by rigid economies.

After July 1 only the most pressing field projects will be carried. Your proposal to visit Mather at your own expense is appreciated, but there will be no field work on the San Juan project.

It is desirable from every point of view that you confer with Mather and arrange for such systematic office work as will bring the San Juan work to a conclusion without further field studies.

Very truly yours,

David White
Chief Geologist.

Clark University
Worcester, Mass.
August 15, 1922.

Dr. David White
United States Geological Survey
Washington, D.C.

Dear Dr. White:

I have just learned from Mather that the little Ford and light camping outfit which he used is stored with the Bagby-Mulnix Garage in Allamosa, Colorado, and that there are additional cooking utensils and camp equipment at the Jones Storage and Transfer Company in Allamosa. This latter material, I believe, is a residue of the Cross Outfit and some that belonged to the topographers, mostly dishes.

I have made my plans to leave on Saturday for Colorado and I hope the trains will be running. I shall plan to have a conference with Mather on my way West. Will you kindly have an official letter, I believe it must be signed by the Director, addressed to me, in the postoffice at Allamosa, Colorado, authorizing me to take the Ford and camp outfit which Dr. Mather left, and to select such articles as I may need from the outfit in the Jones Storage Warehouse?

My plan is to go on the basis which you and I talked about, namely, that I shall pay all of my traveling and camp expenses, making use of the Survey outfit which has been secured for this San Juan work. I hope I can complete all of the work which Dr. Mather has not been able to do in his short field season. His report and accompanying maps indicate that I must get well back into the mountains, and reach some of the more inaccessible places by the use of saddle horses. I am looking forward with pleasure to the work. Possibly, duplicate copies of those letters might be forwarded here so as to reach me by Friday night, or be addressed, care of Mather, at Granville, Ohio.

Cordially yours,

NIBROC

BOND

MADE
IN
U.S.A.

Clark University
Worcester Massachusetts
October 4, 1922

Dr. David White
United States Geological Survey
Washington, D.C.

My dear Dr. White:

I think you will recall dropping the suggestion that we might possibly arrange to have Mr. Renshawe make a few relief drawings for our San Juan Report.

There is one special drawing which, after our last season's work in the field, we are very certain that we want. Dr. Mather is planning to present a paper at Ann Arbor, setting forth some of the results of our field investigations, and this drawing would prove to be of very great help, or a lantern slide of it if the drawing is made on too small a scale to be used at the meeting.

The region which we want shown should center on the San Luis Valley. We want to have the Sangre de Cristo Range appear at one margin, and the foot-hills (or eastern portion of the San Juan Mountains) at the other margin. The drawing should extend northward to latitude 38, and south to 35 30'. We want to include Poncha Pass at the north, and Santa Fe at the south. It is important for us to bring out the San Luis Hills, the Canyon of the Rio Grande, and the bad lands north of Santa Fe. The map accompanying Water Supply Paper 240 will serve as a very good general base for the northern portion of the San Luis Valley; but it would be quite desirable that the new topographic sheets at the west margin, namely, the Del Norte and Canejos Quadrangles, should be used for furnishing certain details. Perhaps Mr. Renshawe can find some topographic data for the southern portion; but, as far as I know, the maps in that region are quite general; however, we are not so particular about small details. We want to bring out the great, striking features such as the bold west face of the Sangre de Cristo along the fault escarp, the flat valley lands, the San Luis Hills in the midst of the valley-dividing the northern from the southern portions-, the Canyon of the Rio Grande from the San Luis Hills southward to the region of the Santa Fe, the gently declining spurs of the San Juan Mountains advancing into the great sea of alluvium and giving the outline of a drowned, mountainous coast.

MADE
IN
U.S.A.

BOND

2. Dr. David White.

If Mr. Renshawe can not undertake this drawing so that it will be available for Dr. Mather to use at the Ann Arbor meeting, I hope he will undertake it so that we shall have it for the final report, and if I can be of greater service in helping him to lay out the drawing, I shall be pleased to have that opportunity.

I think I have not written to you since my return from the field. I had a most successful season, and completed the areal mapping which Dr. Mather had failed to do. I visited the critical areas where he had done the work, and gave special attention to the relation of the mountain history to that of the San Luis Valley and the Rio Grande Canyon. We have a perfectly wonderful story now, which comes at the close of the series of field seasons in the San Juan region, that will be a notable addition to our contribution. While the western ~~course~~ *portion* of the range has been rising and the great cycles of erosion have been so clearly recorded, the eastern margin (after the great peneplain had been developed) has been sinking. The story at that margin is, therefore, in a sense a reverse story, - while erosion was taking place at the west, deposition was occurring at the east. The summit peneplain is deeply buried, and the boulder mesa deposits occur well above the peneplain gravels. They are supported by great lava flows which were poured out over some peneplain gravels. Mather will say something about it at Ann Arbor. We will get it all worked up nicely for the report. I have prepared a series of drawings which I think will bring the story out so that everyone will appreciate it.

With kindest regards, I am

Very truly yours,

DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY
WASHINGTON

October 18, 1922.

Prof. W. W. Atwood,
Clark University,
Worcester, Mass.

Dear Professor Atwood:

Mr. Renshaw is proceeding with plans for preparing the shaded relief map you requested. It will extend from Santa Fe north to the half degree mark which falls south of Pikes Peak and near the Tennessee Pass, and will include the eastern flank of the Sangre^{de} Cristo region, according to your request. However, there is doubt in the minds, both of Renshaw and myself, after reading your letter, as to where you wish the west boundary to be located. Do you wish the center of the San Juan region included, or is the boundary to lie farther down the west slope of the range?

Please define the location of the west boundary to be mapped.

I would suggest that you may wish to carry the mapping a little farther north in Colorado.

Early reply will be appreciated.

Very truly yours,

David White

Chief Geologist.

October twentieth
1 9 2 2

Dr. David White, Chief Geologist
United States Geological Survey
Washington D.C.

Dear Dr. White:

I am delighted that Mr. Renshawe is proceeding with the plans for the shaded relief map. When I made the request, I intended that just the eastern margin of the San Juan mountains would be included in the shaded relief map. Longitude 107 would have served quite satisfactorily for the western boundary, according to my original plan.

However, you and Mr. Renshawe are, I appreciate, planning a much better map for us than I had ventured to ask for. We have often hoped that we might have a relief map of the San Juan region shaded by Mr. Renshawe for the report. If now he can extend the map so as to include Pike's Peak, perhaps going north to latitude 39, and west to 109 longitude, including all of southwestern Colorado and the northwestern corner of New Mexico, the map would serve in a very valuable way in giving the setting of the San Juan mountain region. I wish in the report to make reference to these surrounding areas, and it seems to me that such a map would be very appropriate. I believe Dr. Cross would find it valuable to him also.

Very truly yours,

Geologist

K

November sixth
1 9 2 2

Dr. David White
United States Geological Survey
Washington D.C.

Dear Dr. White:

May I extend to you my most sincere congratulations? I know you have been a great success in administrative work, and you have been one of the pleasantest men to deal with that I have ever known. Further, I have always felt that you appreciated the value of scientific research, even if it did not appear at once to have an immediately practical value. You have been exceedingly kind to enter so sympathetically into the plans which Dr. Mather and I have had for completing the San Juan work and for preparing just as good a report as possible.

We will all look forward with pleasure to your association in research work, and wish you every success in completing the many projects which you have undoubtedly in hand, or those which you have been forced to set aside during the last few years.

With kindest personal regards, I am

Very truly yours,

Geologist

K

DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY
WASHINGTON

November 14, 1922.

Prof. Wallace W. Atwood,
Clark University,
Worcester, Mass.

Dear Professor Atwood:

In reply to your letter of November 6:

The pleasant things you say about my work as Chief Geologist are appreciated, but you must know that it is the work of the geologist who actually does the work, and his personality, zeal and constructive contributions to human thought that make the job of Chief Geologist, which is mainly administrative, tolerable.

You are certain to find Mr. Mendenhall a splendid chief, interested in the work of every member of the Branch, anxious to assist us in every way, and always promoting the scientific side of the Survey's activities.

With best regards, I am,

Very truly yours,



Chief Geologist.

NATIONAL RESEARCH COUNCIL

Established in 1916 by the National Academy of Sciences
under its Congressional Charter and organized with the cooperation of the
National Scientific and Technical Societies of the United States

B & 21st STREETS, WASHINGTON, D. C.

March 19, 1925.

Dr. Wallace W. Atwood,
Clark University,
Worcester, Mass.

Dear Doctor Atwood:

I read with great interest the announcement of the establishment of Economic Geography and of your plans for its upbuilding. This clearly is in evidence of the gradual unfolding of your ideals for the development of Clark University as a geographical center. Certainly you are starting off splendidly and the project must appeal to the geologic as well as the geographic profession.

As for your suggestion that I prepare an article for you, I must reply that I am not a writer, as you well know. I am worse even than an apology as a geographer; therefore, while you have my very best wishes and such support as I can give you, I feel helpless to give you assistance as a scientific contributor.

Very truly yours,

David White

David White,
Chairman, Division of
Geology and Geography.

September
Eighth
1925

Doctor David White
National Research Council
Washington, D.C.

Dear Doctor White

I have had a note from Professor Herbert E. Gregory from Honolulu following up a conversation which we held last Christmas in Washington relative to the Pacific Science Congress which is to meet at Tokyo, October 30 to November 10 approximately, in 1926. I understand that the National Research Council will select the American delegates for that Congress. Gregory has led me to believe it would be an excellent occasion for me to take part in, and I should be very much interested in getting fuller information relative to the Congress, and I will quietly pass the word on to you that I should like to be appointed as delegate. I now think I could arrange to attend the meetings. If I am not eligible, do not hesitate to tell me so quite frankly.

Cordially yours

NATIONAL RESEARCH COUNCIL

Established in 1916 by the National Academy of Sciences
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National Scientific and Technical Societies of the United States

B & 21ST STREETS, WASHINGTON, D. C.

September 21, 1925

Dr. Wallace W. Atwood,
President, Clark University,
Worcester, Massachusetts

Dear Doctor Atwood:

In reply to your letter of September 8:

I have received no intimation that delegates to the Pan-Pacific Science Congress will be named by the National Research Council, but if such a plan is pursued, I will be very glad conscientiously to urge the name of Doctor Atwood.

Meanwhile, with the hope that everything is proceeding splendidly with you, I am

Very truly yours,



David White,
Chairman, Division of
Geology and Geography

DW:J

September
Twenty-fourth
1 9 2 5

Doctor David White
National Research Council
Washington, D.C.

Dear Doctor White

I am pleased with your enthusiastic letter. Probably I anticipated plans a little bit, based upon my correspondence with Professor Gregory. He will be back here in this country within a few weeks, and we have already arranged for a conference which I expect is preliminary to the plans which are to be made for the Pan-Pacific Science Congress.

Cordially yours

NATIONAL RESEARCH COUNCIL

Established in 1916 by the National Academy of Sciences
under its Congressional Charter and organized with the cooperation of the
National Scientific and Technical Societies of the United States

B & 21ST STREETS, WASHINGTON, D. C.

January 20, 1926

President W. W. Atwood,
Director, Graduate School of Geology,
Clark University,
Worcester, Massachusetts

Dear Doctor Atwood:

I enclose a questionnaire, formulated by one of the Committees on Research, to integrate the student with special mental strength, resourcefulness and aptitude for research.

Will you cooperate with the National Research Council, through this Division, by differentiating and reporting on the three most promising students in your Department?

The inquiry applies to every branch of geology and geography in the broadest sense. Please name the branch for which the student seems best fitted.

An instructor may be included in place of, or in addition to the three students.

A Research Fellowship Board for the Division is in process of selection, though in some cases the field is likely to be looked over by the Committee covering that field in this Division if there is such a committee.

→ The fellowships will probably be on a modern broad basis with adequate stipends. Preference will lie with "pure" research, but economic problems calling for fundamental investigations will also be included. Possibly traveling fellowships will be set up. Both men and women, native and foreign, up to 45 years may be reported on.

Use extra sheets if needed, and do not be surprised if you receive follow-up inquiries before the end of the year,-- to get more facts or later news as the man develops during the course of the year. The main object is to hand-pick the superior man, watch, nurse, and stimulate his development, and, if he has the right qualities, help carry him on into a research career. The responses and assurances of cooperation received from the Geologists and Geographers approached on the subject in advance are splendid,-- all that can be desired.

Very truly yours,

David White

David White,
Chairman, Division of
Geology and Geography.

Enclosures

September 22, 1926

Dr. David White
U. S. Geological Survey
Washington, D. C.

Dear Dr. White:

In conference with Dr. Mather yesterday he referred to a work which you did in cooperation with the Census Bureau in plotting the population of Pennsylvania, or a section of that state, in accordance with the outline of the physiographic provinces. I had just been telling Dr. Mather of a plan which I have evolved for a distinctly geographical survey, in which such work must be done, as well as the plotting of crop lands, forests, irrigated areas, and other land utilization statistics.

In one of the papers which I have prepared for the Tokyo meeting I intend to bring this matter before the conference, and I should be very much interested in seeing a copy of the work which you have directed. If that is not available, could you give me a more definite statement than Dr. Mather could as to just what has been done and just what plans have been made?

With kindest personal regards, I am

Very truly yours

February 17, 1930

Dr. David White
U. S. Geological Survey
Washington, D. C.

My dear Dr. White:

Robert I. Dickey, who has applied for one of the Storrow Fellowships, has probably given you his full academic record, and his standing as a student here at Clark. He is an honor man, and but two in his class rank above him.

My contacts with Mr. Dickey have been in connection with student activities, and I know him to be a man of good character, but Dean Little has had most to do with him in his undergraduate training. He is a large, strong fellow, with a good personality and with high ideals. I believe he has the personal and intellectual qualities which will make him successful, and I believe he is worthy of encouragement.

Respectfully yours

NEW YORK OFFICE
THE ENGINEERING FOUNDATION
29 WEST THIRTY-NINTH STREET

CABLE ADDRESS
NARECO
WASHINGTON, D. C.

NATIONAL RESEARCH COUNCIL

Established in 1916 by the National Academy of Sciences
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National Scientific and Technical Societies of the United States

B & 21st STREETS, WASHINGTON, D. C.

February 20, 1930.

Dr. Wallace W. Atwood,
President, Clark University,
Worcester, Mass.

Dear Dr. Atwood:

Please accept my thanks for your letter of February 17 commenting on the qualifications of Mr. Robert I. Dickey for a Storrow fellowship. Your remarks will be very helpful to the Committee when it is considering the relative merits of the various applicants.

Cordially yours,



Chairman, Committee on Fellowships.

DW:C