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Papers, June 1881

[Ca. June 6, 1881]

Dear Prof. Greene

In your letter to Prof. Rankine of May 30th which he has kindly allowed me to read you mention that either the assurance to you by the Pres. & the Trust. of a salary of $2500 per an. or the payment of a bonus of $1000 as an offset to the necessary expenses of removing &c would lead you to favorably consider a formal call to the chair of Civil Engineering in the Institute.

The salaries of all the Full Profs of the Institute are equal (viz $2500 a year) and although the Trustees would be very glad to make it larger they will certainly do so as soon as the income of the Institute allows, they feel that it would be better just now not to make any exception to the equality thus established.

When I wrote the letter which Prof. Rankin enclosed to you & in which your last letter to him may be regarded as a reply I had not taken definite action in regard to the other alternative mentioned by you, that is the payment to you of a Bonus of $1000 in the event of your appointment.

I then

have personally interested liberal friends of the Institute who are also members of Our Govt in endeavoring to induce your lordship to the change we desire, & I am now authorised by them to promise you the sum of $1000 in consideration of the expenses & losses incident to your removal.

I may add that they are persons whose pledges are many hundred times the amount specified would be accepted without hesitation.

~~I may~~

In referring formally to collateral sources of income that might be available I did not mention the Board News which by an annual agreement pays to the Dist a certain amt. for instruction,

on Scientific Subjects not
provided by the Lecturers: duly =
A large part of this goes to those of
our Profs.

_____ who lectured to
classes of the Trustees at the Institute
in this way Profs Crosby, Nichols & Dolbear & Dowing
have each added several hundred dollars to their
incomes, and the Prof of Engineering might
think do the same in the belief of all

It is the belief of all
that our Inst has entered on
a career of increased prosperity.
The class of the term just
closed was the largest but
one which we have ever had
& funding for the universal
_____ attendance at the late
Grise entertainment Esq. we may count
on a large add.n to our number
next year.

The depressed condition
of affairs _____

To Mr. Edward C Cabot.
61 Dorchester St.

My dear Mr Cabot

In the midst of preparation for our Graduating Exercises which come off tomorrow morn I cannot reply in any detail to your very acceptable letter rec'd last night

The Committee on the School will meet on an early day ~~to consider~~ to consider the subject of ~~selecting~~ a Prof. to take charge of the Dept. of Arch. in the Inst. will be considered.

The Dept. will doubtless be carried on as hitherto, but with the addition of provisions relating to practical construction.

If will I assure you be an important consideration

with us to make such choice of a successor to Prof. Ware as may secure the sympathy & co-operation of your society & of the profession at large.

I need hardly say that the Inst. has highly appreciated Prof. Ware's work in the School & parts with him with great regret.

Yours faithfully
William B. Rogers
President of Mass.
Inst. of Technology

Boston
June 2d 1881.

The undersigned, a committee of the Boston Society of Architects, have been appointed, in view of the resignation of Professor Ware from his position as the head of the architectural department of the Massachusetts Institute of Technology to express to the trustees and government of the Institute, for the Society, the cordial recognition of the

very great service rendered to the profession by this school of architecture, its deep concern for its continued prosperity, and its readiness now or at any time to discharge the natural duties of the profession with respect to its preparatory schools by advising, and, so far as is properly may, by coöperating with the Trustees now or at any future time in order to secure for the school the best practicable development. To this end, if so desired, they will be glad to confer personally with the Trustees at any convenient time.

Eliot C. Cabot
Henry Ward Putnam.
Hall A. Cummings.

Boston. June 9. 1881.

Boston June 11th. Recd & forwarded

I will be at meeting Tuesday -

E. S. P.

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Torpedo Station,
Newport, R.I.,
June 10th, 1881.

Dear Sir,

I thank you heartily for your action in my behalf. I received a letter from Prof. Carter Prest elect of Williams about the professorship at that place. He seemed to wish to annex some extraordinary conditions to the chair. When I declined this part, he was not desirous of going further.

Meantime, I received a favorable offer from a manufacturing company. This I have accepted & shall leave here finally, early in the fall.

I am very glad to see from the heading of your note that you have arrived in Newport & hope to have the pleasure of seeing you very soon.

Yours truly,
Walter N. Hill.

Prof W.B. Rogers,
Newport.

Ann Arbor, Mich.
June 10, 1881.

Dear Prof. Runkle:

Your kind letter of the 6th. inst., enclosing one from Pres. Rogers, is before me. It is hardly necessary to say that I have been turning over the matter since I first heard from you and have halted between two opinions. I cannot look upon myself as an applicant for the chair instead of one asked to go to the Institute, for the reasons that I should lose much by moving from here, and whether I should gain an equivalent by going to Boston is more or less doubtful. As I wrote before,

my residence of nine years here has made Ann Arbor seem like home; I have the entire direction and shaping of the Civil Engg. course, so that its success or failure ~~depends upon~~ is in my hands; I have good assistance, an asst. professor and an instructor; the reputation of the University is satisfactory, both here and abroad; my relations with my associates and the townspeople are cordial; the society of Ann Arbor is pleasant; I own a very nice and comfortable house within two blocks of the University; the salary is $2200 with a fair prospect of its increase to the old rate of $2500; I have abundant time for independent research; I have latterly been able to add some $1000 a year by engineering work, as chf. engr. of the T. A. A. & G. T. Ry, a ~~road~~ which may need my services for several months more. I often feel that I have good cause to be grateful that I am so well located.

The increased salary given at the Institute cannot cover the increased cost of living, which cost here is quite moderate. The principal inducements for going to Boston, besides the connection with the school in which I studied my profession and for which I entertain high esteem, are that I may be with my own family and that my wife may be nearer her friends, and that I may see more of professional brethren with a possibly better opening for professional

work.

Weighing these points in my mind, I cannot bring myself to believe that it would be prudent to signify my willingness to take this chair upon the terms mentioned, or to take any risk in regard to compensation for the removal.

It would give me much pleasure to be associated with you and with my other acquaintances in the Institute faculty, and for that reason I could wish that the tenor of my letter might be different.

Hoping that the Institute will secure a successor to Prof. Heuck who will enhance its already high reputation, I am

Very sincerely yours,

Chas. E. Greene.

Office of Edwd. S. Philbrick, Civil Engineer,
12 West Street,
Boston June 9th 1881

Prof Wm B. Rogers.

My dear Sir

I wrote you yesterday a hurried message by card.

I dont think the Architects have anything definite to say to us Except to Express their interest in having the artistic Element in our course of instruction retained without loss of prestige. They feel that it is to this development, given to the School by Prof. Ware, that its popularity & its usefulness has been largely due, & they fear lest we should make the district merely a School of building.

You know I have often said we already have sufficient teachers of the art of building, in its mechanical relations, ~~already~~, & if the pupils dont study that part of their course it is their own fault & not ours. Nevertheless I think some

more full appreciation of the importance of teaching the details of construction, on the part of our professors of architecture than Prof. Ware has shown — would be advantageous by way of leading pupils in that direction & making that branch of the study more attractive than Prof. Ware or Prof. Hunt have made it. The one has confined himself to aesthetic culture, & the other to algebra — without developing any middle ground on which the architectural pupil should use the one branch to make the other perfect. In short, we want a sort of Michael Angelo, who can appreciate both art & algebra too, & at the same time know how to interest young men & communicate his ideas to them. Rather a rare bird — I fear — Attention & I are both free ~~after~~ on Saty. of this week & after Monday next. So far as we can now tell. Please notify us if you want to meet us. Yrs. truly E. Sid Hellrich

Boston. June 9. 1881.

Dear President Rogers.

The results of the examinations are a great disappointment. There were in all 85 applicants, and the Faculty divided of them this morning as follows:

	Regular School.	N. A.	Total
Clear.	18.		18
Conditioned	40.	4	44
Rejected.	22.	1	23
	80.	5	85

In other words more than one applicant in four was rejected. Last year the figures at June & September Examinations were as follows.

Regular School -

	June.	Sept.
Clear.	24 -	27 -
Conditioned	31 -	33 -
Rejected	11 -	14 -
	66 -	73 -

We shall frighten the teachers and pupils if we absolutely reject in this large proportion. Our Mechanic Arts boys who applied for the Regular School were all rejected although some of them received certificates last Friday. The Mechanic Arts made the same bad exhibit last year on testing its school side. The boys rejected represented some of our best High Schools - of course not exclusively. Now there is undoubtedly an inspiration in numbers which affects schools, and the public. The more students we have, the more we are likely to have in the future, and the greater the inducement to our friends to provide no will means to instruct them. You, I know, feel all this, and will regret the method which works so as to exclude from even an attempt at learning one of our alumni 27 do of those who present themselves at our doors. Of the 55 do conditioned men, some are so heavily burdened that they can not but be discouraged. Our course of studies for 1st year is of such a nature that it must be a good test of the fitness of a student to enter upon the special studies of the later years.

Your telegram arrived duly, and the notices have been mailed.

With regards to Mrs Rogers, I am

Yours sincerely

Louis W. Tattock Jr.

Dear Pastor:

My friends Mr. Rudd & Sullivan
& Rev. D. Gardner

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New-York 6 Juin 1881

Monsieur,

Venu de Paris à New-York, il y a dix huit mois parceque j'avais lu dans les journaux qu'une exposition universelle devait avoir lieu à New-York en 1881, je viens d'éprouver un grand désappointement en apprenant que ce World's fair annoncé dernièrement pour 1883, n'aura pas lieu. Cette situation, Monsieur, après les dépenses considérables que j'ai faites me met dans un grand embarras en paralysant absolument le but que je me proposais.

Dans cette situation pénible sans appui et sans amis je suis déterminé à vendre ma collection de Singing Stones que vous m'avez fait l'honneur de venir voir et entendre à Newport ~~et~~ chez moi et à Red Wood Library.

Je fais appel, Monsieur, à votre

bon Cœur et à Votre amour de la Science en vous priant de Vouloir bien près de Vos nombreux amis, patronner la vente de Cette Collection, assurément unique au Monde – Probablement quelques Musées avec lesquels Vous êtes en relation, seraient heureux de posséder cette Collection laquelle, vu la délicatesse de Ma Situation, je l'laisserai pour un prix certainement inférieur à celui que je Me étais proposé d'adopter pour le World's fair –

Je Vous serais fort reconnaissant Monsieur, de Vouloir bien Me honorer de quelques mots de réponse et, le cas échéant, Me gratifier de quelques Conseils bienveillants dont j'ai le plus grand besoin – Recevez Monsieur, l'expression de Mon profond respect,

H. Dandre

125 – E. 13th St. – New-York – ring 4 times

Richmond Va. June 4 1881.

Hon. Wm. B. Rogers, Boston Mass.,

Dear Sir:-

I have worked several years at the trade of Machinist, having served a regular apprenticeship in a general machine shop in Richmond. I am 24 years old, and wish to acquire a mechanical education, so as to be a master of ~~the~~ theoretical, as well as applyed mechanics. I wish particularly to learn mechanical drawing, with such a knowledge of Mathematics as ~~will~~ is needed by a first class draughtsman. I have an ordinary school education, such as is possessed by the average mechanic, but little knowledge of Algebra, geometry &c. Will you please send me a catalogue of your institution. I have but little

money, (say $850.00) which I have saved, and I would be glad if you would write to me, giving information as to whether special cheap arrangements are made for poor men; and if not how long would the stated amount of money last? In Virginia we have a Mechanical College, in which special provisions are made for students who obtain a state appointment; but I am sorry to say this institution does not bear a good reputation. It is in its infancy, and I think not as well equipped as it will become; and beside this deficiency there has been some disagreement among the officers, which has operated against its success. I can furnish the best of reference as to moral char-

X

acter &c. I fear it is too much to expect a letter, other than the catalogue, but have ventured to beg this favor.

Your Advertisement was seen in the Richmond Dispatch.

Awaiting your reply, I am Sir, Very truly yours,

Wm. S. Leonard.

505 Louisiana Street,

Care Dr. Crane, Richmond Va.

Meeting of Com on Instruction June 4. 1881

1. Recom to Prof. Richards application to be relieved of part of duties of Inst. in order to continue as head for the work of Sect of Fac. Prof Crosby would willingly for a small addition to his salary — add the branch of determinative Min. to his Course in Petrology —

2. Mention Prof. Lanza's appln. for an assistant in his Dept. on acc. of the great amt of work now devolved upon him, part of which he can but imperfectly attend to —

3 — Question of filling the Chair of Building & Architecture Mr. Cabot's recent letter — & May Lefly. May be interviewed with him this morning.

4 Question of filling Chair of Eng.g. Chief Prof Hauck strongly recommends Prof. Green. Prof. Rankine the same — Smallness of salary would cause hesitation — but it is thought he would accept.

5. Prof Atkinson's letter to Com.;

6. Letter from Lieut. Horner — asking to be appd Mil. Inst. Col. Chadwick has nothing to present his continuing with next year — should he not afford him new — with intimation that a similar addition will be made to his salary,

Brookline, June 3rd 1877

Dear Prest. Rogers

I awoke this morning with a severe headache, the result I suppose of a disturbance in the stomach which has been coming on for three or four days. At ten o'clock I dressed and went down to the train but as my stomach began to turn over with no abatement of the headache I was glad to get back home. I regret this very much as I was anxious to see an Institute Graduation and to

pray my respects to Mrs. Rogers with the faculty and graduating class. I hope to be able to attend the faculty meeting tomorrow.

I want to say a word about Prof. Green. My impression is that he will come for the usual salary paid at the Institute. While I have no personal interest beyond the good of the Institute in the choice of Prof. Henck's successor, I must say that I think Green much the best man we are likely to get. First, his broad general culture which is in strong contrast with Smith's early course. You will remember that I had them both in the higher Mathematics & Mechanics. In general capacity and particularly in mental exactness Green was decidedly superior. In the next place, Green's practice has been much more varied since he graduated and what I also consider of importance he will come to us from an Institution where he must have had a much wider experience because he has been obliged to teach a much larger number of pupils. There can be no question about the present relative standing of the

two men. Green is a stronger character and while entirely conscious of his own power, never manifests it by any appearance of self assertion. Both Green & Smith are warm personal friends of mine but under the circumstances I feel it my duty to give the reasons for my choice with positiveness. This note is solely for your personal perusal because I do not wish to be a partisan in the matter, yet if Green is your choice I shall support you with no uncertain decision

Very truly yours

J. D. Runkle

Boston June 15th 1881.

Prest. Rogers,

Dear Sir:

At the close of the term I had an interview with Prof. Ordway regarding my continuing in charge of the drawing in the School of Mechanic Arts.

He said nothing could be stated definitely at that time, but thought, perhaps, I could get some information regarding the matter, in the course of a week or two. As Prof. Ordway is not in town and I may leave Boston for the summer, I have taken the liberty to ask if you think I shall be re-appointed.

I should like to know so that

if appointed, I may arrange
my own affairs and prepare
some wall charts and copies
which are needed for the classes.

Very respectfully yours
Charles L. Adams

Savin Hill Avenue,
Dorchester,
Mass.

Answd. 18th. June.

Boston, Mass.
June 16, 1881.

Prof. W. B. Rogers —

Dear Sir:

At the suggestion of Mrs. Richards, I venture to write to you about the proposed change in the Mineralogical department.

Prof. & Mrs. Richards both feel as I do that if I am to take charge of the instruction in Mineralogy next year, it would be well to have the matter definitely settled as early as possible.

This seems particularly important because Prof. & Mrs. R. are going away on July first not to return until School opens in the

fall; and there are many matters of importance in the department in question which they would like to explain to me and talk with me about; provided, of course, that there is to be a change and that I am to be selected to fill the place.

Mrs. Richards & I will be very glad indeed if you can give us ~~some~~ now a definite statement as to what the arrangement for next year will be.

I do not wish to precipitate a change, nor to seem to seek the position; and I shall be very sorry, if this note embarrasses you in any way. If the Government do not decide to make a change, or if some other change is made than the one here referred to, please do do not think that I consider myself as having any claims by virtue of anything that you may have said to me.

Very Respectfully Yours

M. O. Crosby.

Mr. Richards have said to me.

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Harrisburg June 16 1881

My dear President Rogers

You very kindly listened to my request last ~~f~~ Spring for relief from Mineralogy and to Mr Crosby as a substitute in my place. I have not heard whether the arrangement was finally agreed upon by the Corporation or not. The last thing that was said to me by Mr Crosby was that if he was to take the Mineralogy next year he wished to have the matter settled so that he could make the necessary preparations.

If the matter has been settled will you please communicate with him in

regard to it.

We are having a very pleasant and very nice term. The meeting of old and new pupils and teachers here was peculiarly enjoyable. The Sr's are together this evening positively for the last time. Bissell starts for Pittsburgh tonight at 12 P.M. Briggs & Allen tomorrow noon for Colorado. Chase stays here. Norris goes to Johnstown and we have had two more nibbles, one for Winslow and another for Waldron. Maybe we shall leave them also in Penna.

There is a possibility of our leaving Faunce a 3rd year here for the Summer. Altogether we are very happy.

Very Sincerely Yrs
Robert H. Richard.

It is possible that I may have written to you before in regard to this trip but I have forgotten it. Anyway the thing is pretty certain.

Boston, June, 17th 1881.

President Rogers,

Dear Sir,-

I have written to Mr. Wm S. Leonard, whose letter I re-enclose to you, and have set before him, quite explicitly, the importance to him of a very thorough preparation in elementary mathematics, if he undertakes to carry out the plan of spending a year in the school.

I have also had forwarded to him, a Catalogue, with a set of examination papers.

Respectfully yours,

Channing Whitaker

There is a great deal that such a person could do, which would prove for the interest of the Institute, if a satisfactory arrangement could be made with him.

Newport June 18 1881.

Dear Mr Crosby

The subject referred to in your letter just rec'd was brought before the Comm: on the School some two weeks since, & is matter of record in their proceedings, but was laid over for further consideration. The Comm: will meet again before the end of this month, when I trust that action will be taken on the subject.

Every one feels that Prof: Richard has been overtaxed by the large additional work of the Sec'ship & we all greatly desire to lighten his labors in such way as may be agreable to him, & comfort with the plans of the Inst: As however the office of Sec'y of the Faculty, is, like that of Chairman, one of annual appointment & liable to be changed at the will of the faculty it becomes a question whether any arrangement of Prof: Richard's dept: could be made looking to the permanent

continuance of the Secretaryship in connection with it. At the same time it would seem practicable & as I think, wd be very desirable to make the arrangement of which Prof. & Mrs Richards & yourself have spoken, with the understanding that it should be dependant on the contingency alone indicated. Trusting that this will be done & in the hope of meeting Prof. R & yourself before the meeting of the committee

I am dear Mr Crosby

Yours faithfully

Wm B. Rogers.

Prof. W. O. Crosby.

Titusville June 18th 1881

Professor W. B. Rogers
Pres. Mass. Inst. Technology

Dear Sir:

I have been contemplating placing my son at your school. but I see by your Catalogue that you require a certain knowledge of the French language, which unfortunately he has never studied.

He is soon to graduate from our City High School, but has never taken any language except Latin, which he has studied for two years. If he goes to your school I desire him to take a regular course of Mechanical Engineering, and would ask if he can enter on that course with the deficiency I speak of. I have wondered

if the French could not be omitted altogether, and so confine him to the German alone, as far as the languages are concerned -

I wish to make his course as practical as possible and have felt that perhaps it might be made as much so by only taking one language - I do not know that I have much choice whether it be French or German.

His knowledge of Algebra and Geometry are good for his age (He is seventeen years old) and I hope he will show sufficient advancement to enter on the second year — if your rules will admit of it — and so be able to finish in three years instead of four.

Would be pleased to hear from you on the above subjects -

Very Respectfully Yours

C. F. Lufkin

Titusville Pa

Brookline, June 12 1881

Dear Prof Rogers.

I have just returned from the P.O. with your postal & Prof Greene's letter, which I enclose.

We were all delighted with the large number of applicants to the test, & were at first surprised that so many failed — but on looking over the record find that the proportion is no larger than last year. None were rejected about whom there seemed any doubt. The poor ones were poor all through showing a lack of maturity or training —

What surprised me most was that all the applicants from the School of Mechanic Arts should have been found deficient.

I can only suppose that the boys who have thus far gone into that School have not been those having a natural aptitude for study.

At any rate it is now quite certain that there will be a large increase in the aggregate for the coming year. Many of those who were not admitted will try again in the Fall & may then succeed.

It seems that Prof Greene adheres to the main terms of his first letter. I sincerely hope that you may be able to enable him to see his way to make the change.

Very truly yours
J. D. Runkle.

Ann Arbor, Mich.
June 20, 1881.

Pres. Wm. B. Rogers,

Dear Sir:

In reply to your favor of the 16th. inst. I will say that I will accept the position at the Institute, if I am appointed by the Government, and upon the terms named in your letter. If possible, I should like to be authorized to tender my resignation here by June 27, when our Board meets.

Very respectfully yours,
Chas. E. Greene.

Ann Arbor, Mich.
June 21, 1881.

Pres. Wm. B. Rogers,
Dear Sir:

I wrote to you yesterday briefly accepting, as I was in haste to catch the mail. I wish to inquire today about the assistance which is allowed. Prof. Heuck wrote me that his assistant had gone to Utah, and that I should have to provide myself with another in case I was appointed, and further, that there ought to be two assistants to do the work properly, especially as the coming classes are large. If my appointment is made, will you kindly tell me what an assistant is paid. I have an assistant here whom I might perhaps induce to move with me, if he thought he could better himself. He now has

charge of the descriptive geometry and the drawing in all its different branches, free-hand, mechanical, perspective and stereotomy.

If the appointment can be assured before June 28, you can telegraph me, as our Board will not meet after that date until the beginning of the new year in October.

Very respectfully yours,

Chas. E. Greene.

University of Virginia,

Chairman's Office,

June 23rd 1881

Sir:

I have much satisfaction in requesting, in the name of the Faculty of the University of Virginia, the pleasure of your presence at the Final Exercises which take place here on the 30th day of the present Month.

I am, with great respect

James F. Harrison

Chairman of the Faculty

Prof. Wm B. Rogers
Newport
R. I.

Nautical Almanac Office,

Navy Department,

Washington, D. C. June 24th 1881.

My Dear Sir:

I was very sorry that I missed seeing you on your return home.

I have received from the Board of Regents of the University of Wisconsin a request to the National Academy of Sciences for the loan to the Washburne Observatory of certain articles belonging to Professor Watson's estate, namely

1. The professional books of his library
2. His set of star maps.
3. His transit instrument
4. Pieces of optical glass in various stages of manufacture.

I see no objection to this loan

and therefore beg to inquire if you deem it proper to sign the enclosed permission which seems to be all that can be done before the Academy meets.

Yours very truly

Simon Newcomb

President W. B. Rogers,
Institute of Technology
Boston,
Mass.

P.S. I think my best course will be to write to members of the Council asking them to send their consent to you. You can then keep the paper until you receive the consent of a majority of the Council if you think that the proper course to do.

Meeting of Commission on School June 25. 1881

1. State purport of Prof. Greene's reply – of acceptance
2. Refer again to Prof. Richards' request to transfer Mineralogy to Prof. Crosby – & ask to reconsider it to Gov.
3. Prof. W. P. Atkinson's request to have a few hundred dollars allowed for the purchase of Books for his Dept.
4. Same Prof Langs request for an assistant referred to Sub-Com.

Meeting of Government June 25. 1881.
at 11 A.M. at 131 State St.

1, Report recommendations from Com. on School.

(a) – Appoint Prof Ch. E. Greene of Univ. of Michigan to the Chair of Civ. & Topl. Engineering in the Institute – at $2500 for ass: begins Oct 1, 1881.
Has the government of a authority to appoint a Prof.? The Bye Laws are silent.

(b) To approve recommn. of Com. on School in regard to transfer of Mineral. from Prof Richards to Prof. Crosby – both are additions of dollars to the present Professorships of the latter.

(c) To authorize the appropn. of ___ dolls, to be used by Prof Atkinson in the purchase of Books for his Department.

(d). To approve the arrangement of the Math. Department recommended by the Com. on School, according to which Profs. Runkle & Osborne are both retained as full Profs. having equal authority – & both in suitable prescribed division of the subject between the two Chairs.

2 The Mil. Inst. for next Sessn. Col. Chadwick has an order that he will be absent in Germany. Shall we add one or two hundred to his Sal?

1881

1228

Greene Springs Ala.
June 25, 1881.

(X)

My dear Sir,

Dr. Eugene A. Smith is Prof. of Chemistry Geology &c. in the Univ. of Ala. He is also the State Geologist and spends his vacation, about three months in the year, in Geological tours and investigations. For these services the State pays only his expenses. His friends think that the Legislature ought to pay him an additional salary for such important services, which have done, and are doing, so much to develope the material interests of the State. The University will celebrate its semi-centennial Anniversary on 7th July. I am invited to be present and I understand that I am to reply to a toast on the occasion. I should be glad to avail myself of that opportunity to call the attention of the people of the State, and through them of the Legislature to the important services of Prof. Smith so as to induce the Legislature to give him a salary as State Geologist. You are so extensively and favorably known in this department that a few words from you would aid

me in effecting this object. You are no doubt acquainted with Prof. Smith's work in this line, and may have seen some of his Reports which have been published from time to time. I shall have a copy of his last Report sent to you from Tuscaloosa. You are aware that he has made some important contributions to an knowledge of the Geology of Va. Should you feel inclined to comply with this suggestion, I shall be much obliged for an early answer, so that I may have it in time for the meeting on 7th. July. Your long and distinguished connection with my Alma Mater must plead my apology for troubling you with this request.

Please tender my kindest regards to Mrs. Rogers, to whom I had the pleasure of an introduction at the Univ. of Va. in 1775. I remain, as ever

Your faithful friend.

H. Tutwiler

MASSACHUSETTS INSTITUTE
OF TECHNOLOGY.

Boston, June 25 1881

My dear Mr Ross

In answer to your request to know what expense has been incurred by me on account of the Expedition of the Mining students to Pennsylvania I will state that seventy dollars will cover every thing

Very Sincerely Yrs

Robert H. Richards.

Second Geological Survey of Pennsylvania.

J. PETER LESLEY, State Geologist.
CHAS. A. ASHBURNER, Assistant.
Headquarters, 907 Walnut St., Phila.

Pottsville Penna. June 25th 1881.

Professor Wm B. Rogers
Boston Massa.

My Dear Sir:

I am informed by Prof Lesley that during the progress of the First Survey under the direction of your brother Prof. H. D. Rogers, he (Prof Lesley) was instructed and did make a topographical survey and map of the Second Anthracite Coal Field from Mt Carmel west to the Susquehanna River. This map was never published. I am at present putting through the press a topographical map of all that portion of the same basin lying to the east of Mt Carmel and am anxious to obtain possession of Lesley's map in order to publish with the eastern section. Prof. Lesley advised me to write you thinking that you might render me a assistance in the search of this map. Asking that you will write me on the subject at your

leaving I remain
Very respectfully
Your servant
Chas. D. Ashburner
Asst. in Charge Anthracite Survey

P.S. If it should be advisable for me to come to Boston and have an interview with you I would gladly do so. C.D.A.

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X

Staunton Va.
June 25th 1881

My Dear Mr Rogers

I was much gratified to receive, by today's mail, your kind favor of 22nd inst: which was forwarded to me by Dr Harrison -

your inability to attend the session of the Institute of Mining Engineers, recently held here, was the subject of general regret among the members; & no one was more disappointed than myself, as I had promised myself the pleasure of renewing our acquaintance, which commenced more than half a century ago, & of exchanging those reminiscences of early life, which are so interesting to men who are so far advanced in life as we are -

I have been especially, gratified

by your strong commendation of Prof: Fontaine – It affords an additional assurance that the Board of Visitors acted wisely, in selecting him, to fill the chair of Natural History at the University – And here, I may add, that the testimonial which you gave him when a candidate, contributed more than any thing else, to his election –

I feel great anxiety about the success of his school, not only on his own account, but because I believe it is intimately connected with the prosperity of Virginia – The publication of your opinion of his merits as a scientist, will tend greatly, to inspire confidence in the public mind, in regard to his merits, & thus contribute, to establish his school on a firm foundation, by attracting students to it –

Under these circumstances, am I trespassing too far on your indulgence, in asking your permission to publish it?

I leave, on Monday morning, for the University, to attend the annual meeting of the Visitors, & the commencement exercises – I shall remain there, until Friday, & I will be obliged if you will direct your answer to my request, to that place, care of Dr Harrison –

We hope, at our coming session, to perfect all our arrangements for receiving, housing, & utilizing the Telescope, which has been presented to the University, by Mr Leander McCormick –

Very truly yours &c

Alex H H Stuart

Dear Prof. Harrison

I have been much gratified by your note inviting me in behalf of the Fac: of the Univ of Va to be present at the final exercises on the 30th inst.

It would give me no small pleasure to meet ~~to many~~ the fac: and other ~~dear~~ valued friends who will be assembled on this occasion to enjoy once more the Public Day of the University,

Of which I have
such ~~pleasant~~ happy recollections
But it is only my
power to be with you
& I must content myself
with enjoying these
interest; scenes and
incidents, and wishing
health & happiness
to the Faculty &
prosperity to the Univ:
~~with~~
Thanks for your
kindness — Ever dear Prof.
Yours faithfully
W B P.

Prof. Harvey Peck
Jan 26. 1881.

June 26. 1881

C.F.

Dear Mr. Kidder

Thanks to your offerings of ated I rec'd last — a letter from Prof. Green of Chattanooga says that he was ready to accept the chair of Civ. Engg. in the Institute about which I had correspondence with him, on the terms which after last seeing you I was enabled to offer him viz $2500 a year per the Institute and a bonus of $1000 to cover the losses & expenses of his removal

At the meeting of the Corp.n held yesterday the desired app.t was made & I soon after received

et by Telegram to Bishop Greene.

I feel that we have been fortunate in filling the vacancy so promptly & by so able a succession to Bishop Hesek, one who deserves his friend & his own earliest friend. Clapp has had a large influence in his profession as a teacher & has won reputation by his writings on the subject.

Yours very sincerely
& to that of Mr. Endicott the Diocese is indebted for this result & I am personally indebted for a great relief & gratification.

Yours faithfully
C. B. R.

Rt P. Kendall
Mar 26, 1883

SMITHSONIAN INSTITUTION,

WASHINGTON, D. C., June 2[illegible] 1881

Dear Sir:

As requested by circular-letter of Prof. Newcomb, dated the 25th inst., I beg to inform you that I see no objection to the request of the Board of Regents of the University of Wisconsin, for the loan of books and other property of the estate of the late Professor Watson, being granted.

Very respectfully,

Spencer F. Baird

President Wm Rogers,
Nat'l Acad'y of Sciences,
Newport. RI

For Prof. Bland.

Effects of the loan of Phil. &c.

to Univ. of Worcester

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Boston, June 27th 1881

President Rogers

Dear Sir,

In looking at the proposal to divide the Mathematics it did not occur to me that the intention was to have two professors teach the first year class the same subject at the same time. It would certainly never do to let Prof Runkle teach one half of the class Algebra and Prof. Osborne the other half. In such a case the two divisions of the class would be always making invidious comparisons between the two professors which would soon become intolerable to them.

If one takes the first year class

only, the first term and the second year class only, the second half of the year it will make no difficulty with the students or with the tabular view.

You must remember in adjusting the matter that our tabular view is a very troublesome thing to arrange now-adays particularly for students who wish to take studies of different years at the same time.

I fear there would be a similar trouble in dividing the work of the two lower years among different professors.

It would seem better that Prof Osborne should exchange wholly with Prof Runkle, taking the first year only while Prof Runkle takes the second and third years, provided the sensitiveness of both could be saved. But a division by terms and an alternation of years in those terms would perhaps save the feelings of both.

It is necessary to look out not only for suiting both parties as far as possible, but also for making an arrangement that can be practically carried out in case the first year class should be uncommonly large.

It would be much better if it could be decided whether Mr Barrison is to teach the first year class or the School of Mechanic Arts for the reason that if he continues to teach the first year class he needs to be making some preparation for it during the summer. An assistant will be needed for the first year class and Mr Barton is no longer here. So great is the demand for draughtsmen that I fear we shall be unable to secure a good assistant among our own students. So whatever arrangement is made, it would seem to

be advisable to retain both Mr Barrison and Mr Adams. Prof Greene will have enough to do for a year at least without taking the oversight of the first year drawing. There will necessarily be changes enough at the beginning of next year and it really seems to me that it would be best not to complicate matters still more by rearranging the drawing department now.

Respectfully yours
John M. Ordway

Peabody, June 28, 1881.

(X)

Dear Prof. Rogers,

I received your kind postal this morning and shall see Mr. Philbrick at the time mentioned. I am also to meet Mr. Carson at two o'clock.

I enclose a copy of a communication ~~xx~~ to the Committee, which I shall also leave with the other two members of it.

I have given the sub-

ject very careful consideration, and am satisfied that the question must now be answered finally, — after these ten years instruction in the higher classes, are my services any longer desired? If the Corporation says, Yes, I shall be glad to continue. But if they assign this higher work to another, I cannot now take a subordinate position in the department.

Equality in salary and nominal position would be no compensation for such an expression of want of confidence.

I trust that whatever be the sequel to this investigation, I shall retain your good opinion and respect, and especially that of Mrs. Rogers, to whom I am indebted for so many kind attentions.

With warm regards I am

Very respectfully and affectionately yours,

Geo. A. Osborne

Inst. of Technology, June 28, 1881.

To the Committee on the Mathematical Department,

Gentlemen:

It is proposed to transfer to Prof. Runkle my classes in the higher branches of mathematics, including Analytic Geometry, Differential and Integral Calculus.

To this proposal I respectfully submit ~~the~~ for your consideration two objections.

First:— that such a plan involves great injustice to myself.

I have now been connected with the school as professor nearly sixteen years, during ten of which I have been in charge of the mathematical department.

Since the winter of '71-'72 Prof. Runkle has taken no part in the instruction, although he has retained nominally the professorship of higher mathematics. It seems to me unjust to transfer to him the classes I have thus taught for ten years, and assign me to a subordinate position.

Such a course seems to imply a conditional element in my position during all this time,- that I was to continue in charge of the department only so long as Prof. Runkle retained the presidency.

I never was, and never would have been, a party to any such understanding. No competent teacher could have been found to take the department on such a condition.

Second:- that such a change might be detrimental to the interests of the school.

This I believe to be the unanimous opinion of the Faculty and the general opinion of the Alumni. The Committee can readily satisfy themselves on this point by inquiry.

If, notwithstanding these objections, the Committee decide to make the proposed transfer of my classes, I desire to add

that I cannot coöperate in such a plan. If after these many years of trial the Corporation ~~does~~ declines longer to retain my services in my higher work, I must resign my connection with the school. I have come to this conclusion after careful deliberation.

Respectfully submitted,

Geo. A. Osborne.

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Allegheny Observatory,

Allegheny, Pennsylvania.

June 28. 81

My dear Sir

I have called twice at your house in Boston, hoping to state to you more fully in person the reasons which have delayed my answer to your proposal as to the University of Virginia

I hope therefor you will pardon the delay of this letter

I am about starting on an Expedition the funds for which have been furnished by the founder of this observatory, largely, I cannot but feel, out of a regard for me, and I have been laid under so deep an obligation, that I do not feel I can decline to continue for the present in the charge of this Institution, in whose prosperity he feels a real concern, and which he thinks I can promote.

I have never felt more difficulty in arriving at any decision

than this, — that I must write you that I cannot now accept the gratifying and desirable offer you made to me at Washington.

I am sure you will believe that together with a full recognition of the honor you did me in making it, I shall always remember with gratitude your personal kindness, and that I forgo the opportunity it gave me with regret.

Will you please present my respectful regards to Mrs Rogers and believe me ever most sincerely Yours.

S. P. Langley

Professor W. B. Rogers.
117 Marlborough St
Boston

[6/28/1881]

Secret History

425 Shawmut Ave Boston
June 29 1881

Dear Professor Rogers:

I thought you might like to have a few words from me in regard to my interview with Prof. Osborne. Remembering what he said during an interview previous to the meeting of the Committee on the School, and remembering also his joint letter with Prof. Runkle, I was very much surprised at his state of mind.

I urged Prof. Osborne to reconsider his determination, representing to him

that Prof. Remkle, a man much more widely known and much older than himself, had cheerfully taken the junior class for the year gone by. I also told Prof. Osborne that in view of the fact that he had had his choice of subjects this last year, and that he had assented to an alternative arrangement with Prof. Remkle, he (Prof O.) ought at least to wait a year before taking his present stand. I am afraid that what I said had very little effect. I hope you will not think I am a partisan of Prof Remkle.

I received instruction from both these teachers while I was at the Institute and have a warm regard for both. But I cant help feeling that to compell Prof. Remkle to give up for a second year his choice of studies to his junior would be unjust and not best for the school.

Prof. Osborne was superior to Prof. Remkle in one respect: he (Prof O.) was more methodic. Prof. Remkle however was a singularly good teacher. He was very enthusiastic and had a remarkable power of luminous statement. I have been to

see him several times for the express purpose of judging his present condition after his long illness, and I am pretty sure he has lost none of his old fire.

Whether he was a good or a poor president he is undoubtedly a valuable professor. He is also widely known as an eminent mathematician and that fact is a help to the Institute. Please keep this letter as confidential.

Hoping that you are enjoying your much needed rest and that you are quite well I am

Yours very respectfully

Howard A. Carson

1901 I. Washington D.C.

June 30. 1881

Prof. W. B. Rogers

My dear Sir

I have sent you by mail diplomas (N. Acad. S.) for Profs. Wright & Rowland. Please sign them & send them to Profs. Agassiz & O. C. Marsh for their signatures: & then to Prof. S. Newcomb. U.S.N. to be transmitted to the "diplomat"

Very truly yours

J. H. C. Coffin

I am informed that Prof. Marsh is abroad. In that case the diplomas can await his return.

[June 1881]

Dear Mr. Chandler

Prof. S. L. Vose formerly general in charge of the Dept. of Engineering in Boston College, is very favorably spoken of as a candidate for the Chair of Civil & Sanitary Engineering in the Institute of Technology — which has been solicited as to his abilities, scientific & practical, & fitness for such a position, & the members of the Corporation have charged with the selection of a Prof. in this dept. are desirous of learning something of his personal qualities, qualities, temperament & general personal quality, and as I understand you have had agreeable with him I take the liberty of asking

asking you for an opinion
of your Opinion ~~regarding~~ here
in there or any other particular
you may desire to
refer to —

Hoping that you have
a very pleasant trip
you, & ~~with the best~~ which
may be more formal
than essential ~~this~~
in this case — I am
Dear Sir Yours truly

WBR

[June 1881]

in 1878, when I undertook the management for a time, is not likely ever to return to the Institute, and I believe that ere long the increased income from the Clapes & from more permanent sources will enable the Govs. to augment the salaries of the Profs. to an extent ~~more~~ commensurate with their services.

I have endeavored to represent fairly what you may expect in the way of income ~~should you decide to come to us.~~ As to the ~~relative~~ value of money in Boston as compared with that in your present home, you are the best ~~can better~~ judge ~~than I~~. But I can assure you that should you come to the Inst., you will meet a most hearty welcome on all sides.

Should you ~~decisively~~ express willingness to accept the Chair on the conditions I have named ~~please let me know,~~ that the "Committee on the School" who heartily concur with me in the desire to secure your services ~~may~~ will recommend

your appointment to the Government. Soon thereafter a meeting of the Govt. will be called to act on this & other matters, & the appointment doubtless will be confirmed.

~~If you~~ Opening for a favorable ~~place under~~ stated, please let me know ~~Should you hereafter be favorable~~ to this place the Com. on the School ~~will~~ ~~I don't~~ not ~~vote to~~ recommend your appointment, & the Govt. will be early called together to act on the subject & their action will be to give their confirmation.

Should you decide to accept the Professorship

Reply I am very

Yours faithfully

William B Rogers

P

Prof. Chas. E. Greene