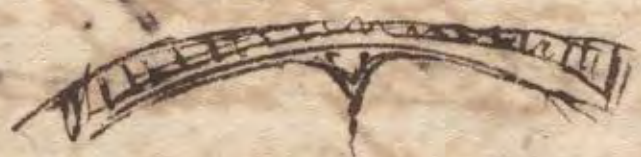
Brain.

In dissecting for a demonstration of the brain, cut by a transverse ~~the~~ section across the middle of the parietal bones. Thro the cutis ~~[illegible]~~ cuta mucosum, cutis areolar cellulosa et adiposa, the fascia aponeurotic expansion of the occipito frontalis muscle, and mining the temporalis. — Then strip off these integuments & turn them over the forehead & occiput. And then, having marked a line by a blacking, at proper place saw thro' the cranium, in doing which you cut thro', the ~~[illegible]~~ ossa frontis, temporis, parietalia et occipitis & sometimes the temporal process of the os sphenoides. The skull cap is then prized off & the ruptured veins ~~give~~ show their connection of the bones with the meninges by small specks of blood particularly under the sagittal suture. The surface, which is now seen, is that membrane enveloping & protecting the brain & nerves called the dura mater: it being very firm in comparison with other membranes & part in cephalon. Nearly under the sagittal suture may frequently be found small glandular bodies called Pacchioni glandulæ, then pass corresponding fossæ in the bones. This membrane has two laminæ between which runs the ~~[illegible]~~ dura mater

which is remarkable there is
part. Take up this dura mater by
cutting it thro' on a line with the
section of the cranium and turn
it up towards that part which
is immediatly under the saggi-
tal suture & you will find
it connected by nerves which
pass to the next membrane of
the brain particular directly
under & in the line of the sag.
suture. Here you will find the
glandulous bodies which are said
to be adipose substances serving
the same purpose as fat does in
the parts of the body. At this part
enter the veins in the neighbour
& in order to find out what they
pass. Open the membrane ex-
actly under the saggital suture
& you will find that the in
ternal membrane passes
seperates from the external just
before they would meet under
the sag. suture & passing down
convexly internal with regard
to the brain till the meet become
one & pass down in the form
of a half moon & called the
falciform process. The

this separation & meeting of the lam
ina forms a triangle having
the base externally convex; but the
sides concave externally - thus



& forming a cavity which does not
correspond exactly with externally
figure. This cavity is called a
sinus & is a vein thro' which al
most the blood is returned. The longitu
dinal Sinus is generally filled
with blood & exhibits the mouths
of the veins which may be in
flated by the inflation of the
sinus. Frequently small glands
may be found near the mouths
of these veins & have been said
to serve as valves, but the
veins themselves run obliquely
into the sinus & preclude the
necessity of a valve since
they really deserve the title
of valves themselves. Besides if they
were necessary as glands or
valves they would be observed
more frequently. Little convolu
tions pass across the canal.

at the ~~of~~ near the Chorioid Gall.
the sinus is small & enlarges
till it reaches to the occiput
& terminates by the right
& left lateral sinuses & be
comes jugular veins. Detach
the point of the falciform Proc.
from the Chori. Gall. & throw
it back which you will find
to be semilunate thick & strong
like the Duramater. When this is
thrown off the convolutions of the brain
with the beautiful ramification
of the veins & arteries of the pia mater
appear thro' the delicate & transa
parent tunica aracnoides. This
tunic lies directly under the
Dura mater investing the
brain and its convolutions
without dipping between them, which
may be proved by inflation.
Immediately under this is the pia
mater from the aracnoide tunic
which is difficully se-
parated. But it seems to be com-
posed entirely of vessels, a vasa-
lar web, from which are sent
down vessels which nourish
the brain, insomuch that the
membranes are called matres

since the ancients believed the brain to be produced by them, Great Meninges. The contents of the matter are the cerebrum & cerebellum. The cerebrum is separated from the cerebellum by a production of the Dura mater continued nearly horizontally from the sides & supports the cerebrum from pressure upon the cerebellum. This is called the tentorium. The

cerebrum is divided into three lobes, the anterior resting upon the orbitar processes of the os frontis chiefly; the middle upon the sphenoid bone chiefly; & the posterior upon the tentorium. ~~The likewise do~~ But the first division is in right & left hemispheres. Separately the falciformed process: each lobe is then divided into three lobes. Open the fissure made by the falciformed & that which makes the hemispheres of the brain & you discover the

convolutions to be

Jenkins in Cor. Cal. Why right wound many convolutions for they to observe.

a broad & white commissure which connect the hemispheres together. Its breadth is better than an inch, but the hemispheres overlap it & meet each other & & connected by the nerves of the pia mater. The external convolutions of the brain appear white but make a transverse section & you will find so only because there was nothing whiter to compare with it. But is not appear cinerious & to be a rind & thin called the cortical part while the inner & greatest is white & is called the medulla. And the hypothesis of its use is that the cortical part is the glandular part & that the medullary is a congeries of many ducts excreting animal spirits. By continuing from Immediate matter &c this transverse section moved. Or you can find that perhaps distinctly, the depth of the fissures lies well from making the convolutions is not more down we see the brain, & than an inch & that

the cortical part occupies not more than a ½ inch of the brain & that is always all the convolutions. Or, that, as we say that the pia mater passes into the fissures & envelopes all the convolutions the cortical part extends ½ an inch in to the brain from this mater. Continues this section till the cut surface is nearly on a level with the white commissure aforementioned called the Corpus callosum. In this corpus callosum we frequently may see two salient lines with a depressed between running thro' it longitudinally. Also several shaded or more extended bands running transversely which seem to be nomore than the puckering or pleating of the cor. cal. Some have thought it would explain the many crossing which unaccounted for they seem not daily to observe.

When the brain is cut down to a level with the corpus Callosum you will find that the part which is entirely free from medullary substance is oval nearly & is called the Centrum ovale. In making a section of the Ob to show the Cen. ovale. care must be ta'n lest the lateral ventricles be not opened & the demonstration impeded —

Rheum. Loami Bruce. Diagnosis. how for fever, in both pain in vary body appetite lost pulse accelerated. local symptoms in Rheu- ~~tade~~ comp joint. ~~and~~ little or not affect= fever alway. in Rheum & fixed pain in joints in fever aching in limbs. Rheu. swelling. In never exept ai cris is slept not more than one joint. also confounded with Phlegmanous Infam. ~~ai~~ of different kind. ~~in~~ Rheu. take place before swelling - & last after swellings is diminished & Phleg. allway the reverse immobility in Rheu. & tenderness & sweat ing motio Phlegmanous. confounded Rh. flaming but other Rheu symptom ac company & the description of pain by patient not so acute. something between. tenderness & pressure Speech imp when affect the thorax. how distin guished when a metastasis to thorax are real inflamation & to brain the same probable, when to abdomen real inflam never occurs. lumbago resembles nephritic complaints in that an uneqa lenity, stomach affected nausea & vo iting. retraction of testicle in neph

In bending body difficult not so nephritis
The scrophulous aff. of hip joint. a serious dis
case, distorting the mand. important to disting-
many cases not easily disting. The constitu
is scrophulous & not sciatica. The approach
in hip cases is gradual, weeks & months
pain in knee. In these the commencement
sudden. and as violent in beginning as in
progress & changes very little. Scroph-
lengthen the limb. cartilages swelling.
the glutei flattens, another neuralgic
difficulty, gout. Sydenham distinguishes
gout is preceed by dispepsia & this relieved
when gout comes on. has great tax & some
times in hand always at first in small
joint, rarely in large joints. different
in gout more exquisite, ~~more tender~~ &
painful on motions. fear to touch his
tax produce, Remissions more regular
in Rheumatism. Both Hereditary gout
hasten early. The previous history ~~that~~
distinguish, gout leaves the joints
10 12 months & then in every spring.
Confounded with spasms & frequently
produced by a Rheum constantly from
[illegible] but spasms pain sudden
[illegible] & accompanied with [illegible]

be with Paralysis. Rheum. cam
something like Paley. in R2 fing
Palsied. to the affected by Rheumatic
Numbness in Burgess called
Paley comes on suddenly. Also confus
with pains & lurcations, if any accid
in that the pain greatest when acci
dent happens, Rheu gradually increasing

New Cases. Murphy Patin.
ear & pain in side, intermittent
catarrh approaches Ptyalism P. B.

Mic. Sheep - Hemiplegia - cure
at last entirely. intermittent.

Black. Pneumonia, contracted
pulse irregu. cough bleeding
& vesication. to sinking in Therap
the pulse lost its hardness & increas
in celerity. Grovener detriate
constit. feeble & irritable in mer
exposed by cold & wet feet, not
precisely chlorosis. very costive 5 or 6
days - fine stool. Sub mur of
D Hamilton. dose vomiting

mouth Larynx &c ~~com~~ Joints
~~epiglottis~~ fib, In Vertebrae ulcer
in Palate & tubercles, not per-
haps ~~syphilitic~~. Morbid poisons
Mercurials. Rheumatism contin-
Pathology, know very little about it.
constitutional, ruddy complexion -
muscular, in fond & irritable by
mode of living, high. Drinking cider
notice. By rendering their ~~[illegible]~~ existence
exciting cause is generally cold & moist
time. setting where stagnant cold air spa-
ing digestion. any cause that de
ranges the system in person constit
utionally rheumatic. raises locally
from sprains. ~~for~~ peculiar in
action of solids. Seat probably the
membranes.

Treatment.

First in acute rheumatism, diminish ~~[illegible]~~
the action of vessels 2d To ~~[illegible]~~
increase the actions in some
parts 3d. 1st Generally bleeding.
always used by some in acute & some
times in chronic. Sydenham bled
small quantities. as 10 oz for three
days. in persons of full vigor. Free
[illegible] & hardness of pulse in

diminished. So much bleeding may produce chronic. Tordyce opposed bleeding because of metastasis. Not entirely to be relied on. Bleed when pulse is strong. How much? & how long often? a pint generally at once & early not less than 12 ℥ & 40 ℥ fever is lax fibre & light constitution. Local bleeding much more safe. not cure but aid the remedies. When rheuma, vertigo was caused by suppression of hemorrhoid. Vomiting. not an aperient as a vomitory only. In commencement like as in fevers. Source of disease in all cases. In these diseases the stomach is weakened & by vomits produce a more energy in the system & stomach. Great relief. Ch. Phytolacca Decandria used as emetic. Sheep sulphated Copper. with gum in pill 6 to 10. gr. in fifteen minutes is over acts atonice after its tonic effect. Purging as evacuating whole system. In effect not to bleeding more temporary. Vomit better

Sydenham, to exception Dispepsia in aged confined bowels, but here & antimony. & Ipecac. & Jalap by mercurials alt. & Senna, or these combined & keep the bowels regular & mildest means used when acidity in stomach uses magnesia alba. Sweetening it occasionally when costive & with bitters when checked he suffers much only chilled not. Aspect sweet. needing cures acting gently & this produces nurgeting. Pulvis Scammon & other stem preparations ~~[illegible]~~ ~~[illegible]~~. In chronic Rheumatism only. sometimes in acute this practice. small quantity in other remedies, did their effect. In chronic decidedly beneficial even wonderful. 2grs per day with other remedies which only never succeed. never when there is weakness of stomach. but Ipecac & Opium. to aggravate rage. when continue the purge

magnesia from acid lateral or pain
& this weakness. In animal food
& brandy or spirits. Nots sweets
Cullen & Fordyce. Guiacum
one celebrated & Syphilis – Holm &
Fallen, amaurosis. Guic. Two
to four drams. in both rheumatisms
relieves without operations. Also
useful in acute as chronic. Cinchona
used since Sydenham Dr Hagarth.
Dr Fothergill. Best ~~then~~ wants
the antimonials & the cinchona
an effect relieved from without
restoring strength & even slower
or resembles, arsenic Fowler
solution Arsenet of potash –
in obstinate cases. Employed in
Black-Mean with some effect &
hemaspasmodic. Heat. The
body not exposed to sudden ~~heat~~
changes. not to much cold. ~~Kept~~
exp if possible. to frequent being
tender. not to in chronic

Name. Swelling of joints & Synf
matic fever, subject for nine years.
affected with pain. after first attack.
frequently becoming chronic like
acute. rigidity about the joints
but seems to be the muscles.
difficult moving his joint if fore-d
remains so & vice versa, enlarge
of muscles losing the power of
power of ~~contraction~~. action.
Rheumatism relief of disease
when in acute form & 2d prevents
the occurrence. Had acute atta
& Cinchona. ~~Dollar~~ Fowler. so-
or arsenate of potash, to remove
rigidity of joint. 8 dr. perday for
fortnight. he is better. tho' not
essential. Friction recommen
Bed. thoroughly. exercise in air.
on horseback &c &c. attention to die
milk & animal food, bitter
spirit or wine. } Mext O Brien
Syphylitic ulcer, joint swolle
which subsiding, pain con
ce, its violence increase

blance. this salivation might
remove rheumatism but more in
this case. It was changing to chro
Grant: is chronic no symp
tomatic fever, no swelling of joi
steady & uniform pain in certain
joints - amount of Guaia
cum - relief - more easy:
warm bath, no effect, after this
prep. of Quicksilver not regularly
mouth no effected. Electricity
no effect. Murray steady lie
mouth effected. better a little
Gundersh. Aconite. 6 gr per
day - pain went off - pain again
by aconite no cure. cough.
Squills & Sulph Min. Rheum dim
inished. Lee, in loins Guaiac
plaster Jonson. chronic
Guaicum, not violent -
Woman Clover Guaicum
good effect -

Hutter. countenance indicates great weakness. Affected 5 year. Guaiacum, no benefit. ~~Arnica & opium~~ Offer for day will never effect. Arsenic till stomach affected. no good. Opium Camphorated tinct. Spir. - no decided effect. - refractory. After this sub-nitr of quick. sore mouth. Shewy once depressed then sulphate of copper - 3 pills, no vomit but purge. Sequels of the Morning. pains after lying on wet ground, ~~[illegible]~~ inability to move. Black legs immovable. Arnica relieved, stomach affected. Hyoscyamus. as antispasm as in Epilepsy. relief since left spasmodic. Burgess [illegible] inability to motion & [illegible] clear from intoxication

below
inpa
seato
& pay
pulse
water
up:
war
Dys
remo
appro
on g
tren
wear
easie
better
pain
joint
pada
time
tremo
more

belongs to muscles. no swelling.
in pernicio all the nerves large
seat of pain as pain commences
& passes to back & suddenly
muscles lose the powers of locomotion
without spasms. good diet & tonics
up: best procured by spinal
warm bath, to excite circula-

Dyes. Imperceptible or
remarkable pains. numbness
approach to palsy. but come
on gradually. In lower ex-
tremities. may be in never
warm bath, more pain, more
easier, vesicated no delay.
better. Lewis - enlargement
faint & distortion. nodosity of
joints. in bone are perhaps about
gradually 3 or 4 years some
times painful. Hogarth neuralgia
chronic rheumatism. Im worse
more in.

Cholic John Preston 8th Nov.
in night fit cold & shivering &
pain in umbilicus. nearly constant
severe at intervals, vomiting of thin
mucilaged & liquid stools, no without
relief. antispasmodics. pain severe
spasmodic. imperfect constipation
pain resembles a twisting. bend
forward with hand on spot. dis
tinguish from peritonitis more com
bowel tenderness in the latter, In
Cholic may be pressed. constitution
affection more in Peritoniti-
pulse not to be relied on. More
prostration than in Cholic. Com
strangulate Hernias. If they
do not find it themselves. Pis some
times habitual. Causes. Inde-
gestion which is referred to lower gen
from stomach not functioning right
& from improper food. from vegetable
in summer. sudden inflammation
of mucous membrane producing
cholera & in large intestines dys
tery. habitual Cholic more
Gerous. Connected with
dis ease of the some

of the viscera, bowels off 4 with the
liver, unusual flow of bile &
pain in liver & tenderness & languor
& lop of shoulder. Another is Stricture
of the rectum, accumulate & hard
ened. from quantity of fluid thrown
into bowels unstating the canal.
obstruction of evacuation. Worms
Colic spectrum. external & inter
nal by certain of the intestines
Sun idiopathic never fatal tho -
very painful, when from liver more
so. & stricture unfavourable. Lead
decidedly unfavourable. as palsy
& affection of mind, if removed &
~~relief~~ prominate cause is
said to be spasmodic affections of
of colon & muscle in testines. Stop
the spasmodic action. Lessen
the spasmodic action & irritation
Opium very good & best, relieves
speedily as possible. By evacuating
relieve by larger process. give
as in this case Co drops tinc. often large
10 or 15 more ~~or~~ stool. How to know
whether it will produce effect
in or two or three minutes.

Half an hour best. repeated until
relief. What quantity, as long
as pains to very great extent
but it will do harm, so in ac
spasmodic, even life destroyed
Never greater than 30 grs to
person not accustomed to it, injury
if it returns within a week of
One case exception in tetanus no
limit & in early stage not less
than 5 grs and as often & oftener
fifteen minutes & increased
2 grs. in this case. & four doses
or five 10 grs. evacuate as
~~[illegible]~~ warm water to keep up
the vomiting. then purge
always of opium. fifty pills
out <u>mur</u> & <u>aloe</u>. burn the
wheel & dose with Castor
Salt & magnesia, When nausea
Senna infusion with antimon
Lobelia full. Hyill. Enemas
warm water, mustlaginous
flaxseed tea, salt & water &
[illegible]

only when habitual cause, remove the cause & mercurials for liver disease. ~~[illegible]~~ I have removed pyon the action & promoting the. Sub, hurrate by blistering. & Rectum by bougies. & retain it gradually enlarging. ℞ Lib General inflammation. Subacute Pneumonia. ℞ prescription & carb carbonate of iron. Risk pulmonary catarrh, may be organic disease of heart.

Mrs Summer, pulse 120, nausea & vomit, sulph. of Cupri, cough & pain in side dyspnea, remained feeble, yellow. diarrhea. not hydrophobic. but Julap of Ipecac containing carbonate of lime. & not lived remarkable, much distress, paroxysms. appear to be dying. By percussion, resonant, not tympanitic in any part. In thorax. pleura adhering to sternum. dig no tollerable & red on right side over the vem

deceased. most healthy past little
hard spots different from tubercles
lies in lungs in the subdivision of the
trachea - Not tubercular P. P. cause
were dissolute & intemperance.

out of Almshouse case - Angina
trachealis died. Taken ill of
premonitory symptoms all to
pain in breast & bowels. 15th &
16th became hoarse. Dispnea &
sore throat & emetic cathartic
gargle, on 17th better, in course
of day was cheet. At noon Dispnea
increased, not copious. on 18th not
much worse & delirious. 19 Dispnea
increased even in bed. much worse. Cough
takes place in inspiration, & elevating
the shoulders. pulse rather hard. cough
& this remove sound, bleed, blistered dec
action of Lemnecca till vomit one
half on hour. bleeding relieved and
in night a fit. bath warm. blistered
at evening. bleed pulse hard & die at
10. o. clock. in neck the vessels more
full. White membrane in but in part
inside the mouth. purulent fluid con-
siderable quantity

March 1st 1812.

This day, the commencement of spring, smiled on us with peculiar mildness, but April may be like the hope of man, now brightened by an effulgent sun; beaming joy & gladness around but tomorrow may be darkened by the clouds of adversity. Did I say may be even now the thick clouds gather in the west,

"Thick lightnings flash & muttering thunder rolls."

and the attack rain is fast falling. This too mild day must be followed by cold winds & perhaps a chilling frost & snow. Is it like matrimony? at first glowing with the ardor of love, then thoughts interrupted by the storms of passion.

chilled by slights & neglect, harassed by jealousy — Perhaps the sinute is correct for the' now it storms & to-morrow lowers, the next day will be cheered with a clear sun warm all around. Tho' now the white snow is driven by rude Boreas tomorrow we shall enjoy all the grandeur of the sun-gilt morning.

The lecture on Chemistry, the Ther & Practice. Surgery & Med. Jurisp, have terminated & those on Mat. Med. & anatomy will soon have ended, which will be like cutting the bands of the full grain, pack half away so as to cover them, but when I pass the fiery ordeal, may God grant that the lyes & bonds may be burned off & the huge weight under which I trudge fall from my wearied back. That I may march on, with lighter steps &

with a glad heart, rejoicing with those who rejoice & only weeping with those who weep.

I have my hopes, but they lay hidden in the innermost recesses of my heart, may heaven grant that they may be brought to ~~light~~ only, they a full gratification of them. This is my prayer & my only present desire. The spur to all my actions & the cheerer of my life — But why this enthusiasm — wishes are air — hopes are lighter than air — they are evanescent as the shadow that abideth not. and is not — but stee ever follows us.

Wrote a few words in my letters which are to go by Mr Whitcomb & Appleton. The Patriot came to hand this morning, It contain an excellent speech of Henry Clay & a supper excellent letter

from his Excellency. Elbridge Gerry.

Hence forth & forever I bow to any if I be in doubt who it is. If I can keep this determination I shall have done well. Mortification has taught this lesson

Sleep appears to be a ~~partial~~ suspension of consciousness, by dreaming on a partial suspension.

Never retaliate upon a lady. but do the best you can.

March 2d. Heard the last words and dying sayings of D Barton. He spoke his own funeral oration. alas poor Barton!

Sugar distroys worms, will it Leeches?

The species of worms are the Taenia ~~the Lumbricoides~~ Ascaris Vermicularis ~~the Ascaridis~~. & the Ascaris Lumbricoides Trichocephalus

March. 3d. Rain. Dr Wistar lecture 8 time on nerves. He told us yesterday that the lymphatics of the right side ~~ca~~ ~~off from~~ entered the right subclavian. Yesterday I prefered two Ladies & in conformity to my determination turned back & waited.

March 4th Study Barton's lectures very hard, at eve. went & tea to Dr Barton & was prevented examination by Fr — y. loitering. He spoke of the discoveries of the remains of Ancient American antiquity. near Campeachy. also of the Nelumbium conspicuum, the most beautiful of the herbaceous plants — Agave seeds. Magnolia — Conspicuus. some blossoms — Peronea

March 5th. Studying for the viva ordeal. sometimes quite despondency, at other cheered by some slight rays. hope that fortune change may favour me. Such God grant.

spent every at Boston the examining.

March 6th. Cheerly, despair & hope alternate, sometimes almost mad. a letter from that said about Dep. pleasing but what about examinations smoking.

March 9th The morning lowered, & thick veil obscured the sun & he no longer diffused his cheering rays on us his pondering mortals! the snow now falls fast the wind now blows high, & winter sets in afresh, the fields & meadows are clad in pure white crystals of water. Cheerly & dreading, portending evil & chagrin. O fortune favour the brave, & I will put courage on!

March 8 The thick clouds are dispelled, — But 2 o clock the sun appears & the cerulean heaven delights with its serenity. Was at Boston this morning to be talked of the appointments of Surgeon General, thinks them highly important —

Despatched a letter home this morning. Called on Barton — appointed wednesday for examination: Some how my spirits which have so much plaged of late revive, cheering hope has visited & dispelled disponency & I feel better than I ever did before. I really was never sowell in my life. Altho' I attend strictly to business & strictly from morning till 12 o clock yet hearty, bold & merry Lord Deo altissime. Amen

March 9th. Fine weather & walking — good spirits. Called on Dr Rush & told him what was my Diff. He thought I had returned without calling on him, sorry my character is so bad. Told me he was doing all he cared for father.

March 10. Foul. rain, wet, scarcely been out. grieved in morning with Allen & Watson, studying surgery. at Dr Barton's in evening. I dread fully fear from his eye that he will cut up my dissertation. However if he but touches me on ammonia I will pass like grease thro' a hot tunnel. Portend sad news from Jackets harbour, & dread it more than rejection.

March 11th.

Human nature is like the various situations in a city, for we find no man but that has not among a certain collection of qualities a great many good ones.

"Absence of occupation is not rest"
a mind quite vacant is a mind
distrest Cowper —

Rain — good spirits —
"With speech so sweet, so sweet a mein.
"They excommunicate the Spleen.
Green

March 12th. Reading Rush on the mind, delighted with it & have run thro' all his works cursorily as a review only. Must study them hard. Fog. wet. The sun has not enlivened us. Mr Appleton has returned.

March 13th. I thought the examination the snow topped ~~alpes~~ craggy Alps which would require the spirit of an Hannibal & the vinegar of human Industry to pass it, but it has dwindled to an ant hill which one has difficulty to see.

A dry March is said to cut up the causes of Disease, It has been wet rainy foggy — I know almost every since the months com-menced. No almost the first time. I has been dry walking

Dispatched my letters by Mr Appleton, enclosed letters for Miss Stewart. she very kindly offers to mend &c for me & with a great deal of feeling. I assured could not say what I felt and offer all the services I can render her. She seems distressed.

March 14th Study, cheerful, walked up & down market & saw a marvellous sight of people men women, ladies, & children. A Dry day, pleasant, yet cloudy & misty

March 15th. Studying but without
most advantage. My time draws
nigh and as it approaches I feel
less & less like this evening I broke
a little. I callon D. Barton to
morrow & breakfast. He exam
ines. I answer his questions &
I can. Tomorrow is the critical
day. Tomorrow ½ past 12. o clock
commences the trial, the result
which I expect will give me
joy unspeakable. I have
engaged in anticipation & I
feel as if the rule I have
laid down respecting the allot
ment of pleasure to each
gratification would have
some exceptions. Watch & pray.
March 16th The clock strikes
12. I am as near crazy as any
person can be. I fear nothing.

get home much to fear. I hope
much as having much to hope
for. I dread not for I see
nothing terrific. The day
lowers. the rain falls, but the
sun shine of hope illumines
my mind. Transports seize
my heart & joy possesses my
soul. I saw D'Bartons the
fair blow Magnolia conspicua —
with its pillous caducous Bractea
& its acalycous delicate & pure white
petals. and its many males &
females, with red receptacle —
I saw the ornus Europea which
produces the Manna. — the
Bartonia — just rising from the
Chamber of the hyberbaccula —
the Pyrus Japonica, with its —
scarlet petals just bursting from
the calyx.

at 12½ o'clock I entered the
counting room, & to my
utter astonishment Dr Barton
complimented my thesis
extravagantly. He said he had
not seen or read any one with
more pleasure for some time
& suggested many things
concerning it & if it was published
that it would do me much
credit & the institution, & that
if we might judge from this
specimen, we should expect
that I should become an eminent
in Nat History &c &c. I was
so moved that I rose up,
sat down, rose up & sat down
again. Pulled off my cravat.
had, laid it down, took it
set in down, took it up
again & put it on & then

pull it off again. I pull my coat over my shoulder as if to take it off & then refused it again. He then questioned me on Materia Medica, Spirit Ammonia — Physick in the place of water to me by the beatings & crippled me, so that I hobbled off — then amputation below the knee — Cose and Nitrogen & its combinations. Dr. Rushton Vaccine pustle. & Pulmonalis Did pretty well. but I might have been more fortunate. I returning home joy full & receiving congratulations — & afterwards saw Mr Austin & walked much with him taked of washington State

me that the Presidents
house was an elegant building
granite & marble & very large
& the Capitol marble, large
unfinished & superb — roads
terrific. Mr Austin took tea
with me. Evening went to
Dr Otto's, & Dr Currie's. M Emory's
supped & to bed. Rose in the
morning, & put away my
books & papers, & sat to
writing letters. as fast as possible
Austin called & we went to
Mr Stiles, La Bretons, to
Selecting room thence to Mrs
Eyre's & called on Mr Prentiss.
From there to Mr Simmons
Dined at City Hotel, called
on Mr Poultney, Called in
forenoon on Mr Rains &
this evening likewise, thence

to D. Bastons & there to D. Allens
I feel as if mount Olympus
had fallen from my shoulders
after having rested there a long
time. Rain & clouds, misty.

March 18th. This day I went
to Mr Hains' & got my letter &
30 Dols in it, but this is not enough.
I owe — 30 Dols out.

Went to Peals museum. The
first sight I saw was the stupendous
mammoth, & under it a little
manac (skeletons.) The smallest
metacarpal bone of this huge
animal weighed out eight balls
more bones in Philadelphia —
I saw the Platypus anserinus —
from New Holland, having
the legs & beak very like a ducks.
The Jerboa or long tailed mice

& egged mice. a most
beautiful collection of stuffed
birds, a large one of insects
& a pretty good one of minerals.
spent the afternoon in examining
the birds &c. learnt something.
saw the Llama Gigas. many
Buccinii — Tubbones — &
Trochi fossils as well as marine
Buccinum tritons. — Organanta
argo — Nautilus. Medrepora
Pisos — &c. &c.

March 19th. The sun did not
rise clear but I believe we
shall have a fine day. The
sky shows the most beautiful
azure. — Noon it has proved
a delightful day — the Ladies
crowded the streets, & of course the
gents. — I had the fortune to meet
with the fair & enjoyed myself
highly in company & friend B.H.T.

I saw a fine specimen of Platina - manufactured or rolled by a Dr Boulman. 3 Dols. per oz. & I am to have a beautiful specimen of Lecotite. which I shall value highly not as a specimen but for the donor's sake. was at the hospital & I do not know whether I have learned any thing. the patients are mostly incurables & little is to be learned. A patient called on me ~~yesterday~~ to day - whom if I find to manifest having a tense pulse, I shall direct a dose of salts. May be only a diarrhea - or a disease of the liver. or something like cholera morbus. Mr Harris at Eberly

March 20th Went to the hospital but as it is filled with incurables learnt little. walked with Mr H & to the Academy of Fine Arts. was highly entertained there. The statues are fine. They are models by the most exquisite sculptors

I will not hazard my opinion on the works of West till I have seen them more frequently & the glare of colouring is made less perceptible by habit. Sir Joshua Reynolds paused by the famed painting of Rubens - Raphael & Titian & fixed his attention on the more glaring colours of the Flemish school. If he with the penetrating scrutinizing eye of a painter saw not the perfection of the geniuses. by reason of the close imitation of the grand idea of the perfection of the human form which they study to acquire, he could pass them by. I am sure I ought not to be struck with the beauties of West, untill I have viewed them over & over again. The works of Birch are exceeding good. His shipwrecked Sailor is very well done so is his view of the Delaware meadows. The paintings are elegantly disposed, the tattered

of our Country by Stuart of course has the most conspicuous place. There is an admirable painting of the Death of Abel, He lays really dead on the canvass over a pile of oak sticks & the pottery furnaces smoke & the faggots seem to crackle. — The bust which we have called Galen is of Plato Cicero, resembles ours but is inferior.

The expression of intense thought in the contraction of the Depressores anguli oris is not so fortunately executed. On the whole far inferior. I admire the bust of Victor Nelson, the pride & Glory of England, the not the world can not boast an equal.

Ever since the death of this Gallant admiral, the navy of England has delinced, no signal victory, no success which would weigh as any thing in this war. But England has recieved a dreadful shock of the tremor which she has long to be sensible, perhaps too the forerunner to a shock which may

shake her throne from its foundation & throw the debauched Regent from the pleasure seat. & His a partial Paralysis which may increase into a Palsy that the cause the whole frame, & every limb from the lowest minion to the modern Nabalcud nezzar. Hull has broken the charm — Jones has prolonged the intermission of the spell & Decatur and Bainbridge has, have wrenched the misterious wand from the hand of the sorcerer —

At evening I went to Dr Currie's to determine whether I should go to the Cot. Ball. I found I was not going & was heart sunken, but others could supply the defect in some measure for imagination will be at work to help it tardy motions. I danced merry, with in extacy — was delighted. enjoyed myself — and why not. mere life is but a parallel innocently enjoy it when we can.

I danced with Miss G. Miss W. & her Sister, twice over Miss Travers. and at last did a gallant act give up Miss G to another but at her request I cannot be offended, if she could be when by herself solicited, a G can give up her hand. We had room to dance & not obstruction - 'twas not like dancing in a tub -

Sunday Morn. March 21th

I went to Meeting and what I abhor most, I was late & could scarcely get a seat. however I saw after meeting all the Ladies with whom I was so happy the last night, & I met them three times as I walked the streets with Dr. Middleton & I saw & caught a delightful smile from E. & I meant to return it, but perhaps it was checked, like voluntary motion. I would have moved forwards but my left leg pulled my right one back - I lifted up my hand to

take off my hat but before I could touch it my limbs were as stiff as if seized with catacus & my ~~will~~ neck refused to bend in submission to my will, an adored. Sometimes I say "a faint heart never won a fair Lady" There is a moment in the life of almost every individual in which the decision of his character will determine his fortune. A steady courage and unpriceable perseverance in the ways of well doing, without obsequious servility, without forwardness, but still a respect will whether anything noble for oneself. There is a display of spirit necessary to the support of character. He who once stoops will soon be obliged to kneel. others will encroach on the advantages you had not the courage to make your own. This may be exemplified

a gentleman should always take his seat next a lady, if he can do it without impropriety, because another will avail himself of the opportunity thus you lose by your modesty

2

when a person throws off this faint heartedness he becomes a man. He can render himself easy in company & if master of himself equal to others. Apply this to any thing agreeable. Whoever has a mean opinion of himself will act in no higher capacity than he has allotted himself in his own estimation. Study this lesson — repeated — ponder its truths — let it be like a mirror before your eyes, ~~reflecting~~ but not like the mirror which reflecting what you really are, for that would discourage you, but ever presenting the grand ideal of what we should be. —

In the afternoon I went also to meeting, I blushingly confess myself disappointed for I went last to meeting, to hear or the preachers or to

more alive, but turns to catch the glances of love, & to initiate the raptures from the ecstatic speaking eye. what a confession! 'Tis the failing of human nature — 'Tis the failing of a young man. 'Tis the warmth of the heart, the ardor of my soul. Without it it should cease to be a man.

I walked much up or down such was seen — In evening to Dunn's spent there two hours — was disappointed — alas. human weakness —

Monday. March. 22d. 1813 —

awoke happy — eat with hilarity — so I think I am happy but who pays for it. There the rub —! Call on Dr Otto not at home Call on Mr Rodman not at home — Dr Seybert not at home. Dr Otto not at home. On Mrs Lennie with her & about two. met

Miss C's & E. walked with them & to ~~Mr~~ C's — & there staid with pleasure & gained — but was confounded. Mr. looked cold as I thought, but when I found Mr Currie was with me he brightened & ventured say a fine day &c. Sir, but we soon parted Off. & went & called on Miss Warden (Who would think I could become such a beau all at once) but talked fast & long, was asked to call again & I will go — — — Returned to Mr Currie's. Afternoon called on Mr Ewing Dr Otto' Dr Tupper. Mr Marshalls.

Paid my debt to Dr Otto'. The evening as spent at Mrs Pontiniys, was joked &c. &c. pleased — talked Divinity — religion metaphysics, Philosophy — Dream materialism, medicine &c.

~~Tuesday~~ ~~P.M. Afternoon of Monday~~

~~Pearle~~

Tuesday. March 23d. 1813.

Called at Dr Glentworths — I delight in neatness. I would never wear a bonnet because I was too lazy to make my hair look neatly. I must beware of morning calls ~~that~~ for. Talked of this & that — painting — Miss Stewart. — thought as strange animal — too true. called there with letters introductory, as going out was told should be happy to see you again, she turned and said — I know the rules of etequette as well as the Philadelphians. Miss B. meant to call on her. But was more than usually politeness in her to say — I shall be see you again, but this pretty speech prevented her & Miss Stewart last the acquaintance of a fine ~~girl~~ sensible & I had almost said beautiful young lady.

at D.G. I was asked if I was going to Dr Glens "Thinks" I to myself "this is strange, how should this happen I only knew of it a few minutes before leaving my lodgings. After this I understood from Mrs, that I was to meet them & had high expectations of me. Thus am I put into trying situations. I know that great things are expected from me, & I am obliged to act up to it. Is well I am in such situations. under an obligation to push myself forward - called on Mrs Ewing, D Seybert - neither at home. Afternoon to D.G. to know if I had the right message. a seven to Dr Glens first calling for Mrs Currie. where I met the Miss Higgins, they look at me with such scrutanizing eyes. (old maids). I thought I should go into a quandary, upon my life - They look at me to see I they liked

me. I I knew it for they believe that I am in love, and they feel some interest in it.

At Dr Glens we spent an agreable eve. fine singing & music from Mrs Glen & Miss Oldmixon. I rattled nonsense with Miss G. & a Congtime but how far beyond her is her sister Frances. There a seriousness which yeilds only vivacity not to unmeaning grinning. There is a dignity of air which inspires respect. He who get her for a wife must love & respect her. He got an heart worth possessing. She looked divinely like Diana with the crescent in her forehead.

The most rediculous thing I ever saw was here displayed. A card man who made most wonderful manoeuvres, apping very exactly the actions of the hornpipe dancer. He is moved by a string.

by a lady who feel the music in her fingers ends. I had the felicity to meet on F. & really I do admire her. She is lively, yet sensible, her conversations not rude tho' light. It will please altho' not accompanied smiles. But the persons excellence if I may use such an expression consist in lascivious unmeaning laughter. I have that divinity which moves within me blessed our party I would have tasted the bliss of Elesyium. I should been overwhelmed with ecstacy!!

(Should any one ever read this rapsody they would think it romantic but it real & till now I knew not the truth of what novel teach us. Just so silly in prided human nature)

Wednesday March 24th. Received a note from Mrs Otto informing that the Ladies Levas to meet on Thursday were engage to Tuesday following when I meet them & also inviting

to accompany to her brother which I
course accepted. went towards
Dr Curries tea tow C. & Mr E.
walked settled the matter that
I should accept Mrs Clarks -
invitation. In afternoon read.
"Things by right names" - & went
to the parade & reviewed a reg-
ment of Cavalry.

Mr Allen & myself amused our-
selves in walking about the streets -
& counting the women as they passed
only one in 8 of which were hand
some. Now and then we would
meet two or three together and at
certain windows we saw a
beauty — She surpassed all
I have before seen — Mrs —
When got home I really to meet
the Ladies at Mr Todd. I really
we has two beauties if not three.
I talked & laughed as if I had

been old acquaintances - but never had seen or spoken to them before. Miss B. is a beauty. Miss H— wittily pretty & engaging. Music navy army, Quaker meeting, &c &c alternately. — A great light was seen in the South last night for many hours. The conjectures were that the English has burnt wilmington or Newcastle. Some thought of the fort other of the Brandywine mills. At 12. o. clock I turned in & slept rather too soundly.

On Thursday I awoke & did not rise found it has rained & was very cold — until 8. o. clock. Between 11 & 12 — I walked out & visited Miss Clark & accepted her invitation, but I had a little intimation of I thought that they had omitted it, or wave it till another opportunity, & I am very much afraid that I have put them into a quandary. But I can't retract. I fear the E will not be there — I dread a disappointment. — In hence returning I had the Oldness to rap at Mr Collin's

door. He was just letting some one out & so let me in. He talked of the columbian chemical society's book. He says the speech as if they could controvert by their explanations the ideas of Davy. I mentioned to him his promise to give a specimen of Zeolite — He said he never forgets his promises — He asked me into the parlour & left me there with E but not alone, for who should be there but Mrs Clarke. My senses are gone in E's company — I must gaze a long time before I can be very sociable. We talked a long time and laughed I believe I should have filed off sooner, I will next time. Mr Collins gave me a beautiful specimen of Zeolite in cavities on indurated clay — cubic — & octahedral tables. & botryoidal radiated concretions — beautiful specimen from Sicily. Thus I got something beside a sight of the precious jewel.

Afternoon went to Mr Hain's and he shew me some minerals but they are not so good as mine. Injured many of them, bruised rounded. cracked. He has no very good specimen of anything. He has corundum, but poor. Beautiful amethystine quartz Delaware... Semipal from Trenton. Lazon from Trenton. Beryll from Trenton. Has a very large specimen of tourmaline, terminated.

At seven I went to Mr Clarks & found E. ~~delightfully~~. Her figure shown to the best advantage & her white bosom contrasted with cornelian beads was too much exposed. Tis too fascinating a sight for every eye. The Ladies should remember this golden rule with regard to their dress ~~[illegible]~~ men most prize that which is concealed when it becomes common. I would not fear to make such a remark to herself.

Her disposition is so much forgiving that she would not have been offended some young ladies would. Deliver me from that vice & from such ladies. I made the same observation to E & she most perfectly agreed with me — I never heard her say or hint anything like it. Ebenezer shock me, but I believe that she will be more guarded. Thereafter she ought always! This I am confident in asserting, for by the intention only can we judge between right & wrong. When she believes herself right I will acquite her, should she be wrong. A lovely simplicity is the striking trait in her character, altho' she dresses too gayly, this her good sense will before long correct. She is a wonderful example

of want of vanity. Altho dressed elegantly, & with high colours & other flaunting, yet she appears not to regard herself at all. I never led her into serious conversation, nor indeed have the courage before folks but I avowed & will commence some trifling occasion & try the strength of her mind, & search her principles. As she is young she will change much & the levity so conspicuous & pretty now will be turned to a dignity of air that will insure respect as well as love. I waited on her to her father. Invited to bid her good night with warmth. She only wished I might soon see Mr B. The frequency with which she introduced this name convinced me more than any thing that — which God grant!!!

I only dared to take her hand
but heaven ~~this~~ strange love-
stops my thoughts! The
current of my thoughts is turned
I am struck dumb! I once
dared to kiss her — it thrilled thro'
my very bones, even to the
marrow. I believe we accord
well. one cord being touched
the thousand strings of both
instruments vibrate mutual
harmony — which God grant
at half past eleven got
home & turned in but
rose not until 8. o'clock.

Friday, March 26.

wrote all the morning call'd on
Dr Seybert. — Mrs Ewing — not a
home. called on Mrs Barnie to
ask how she did told me that
something sweet had disagreed
with her, and given her the colic

which still continued. Miss Hamilton entered & afterwards walked with them to. E's but dared not to enter. Returned and read a little — dined and in the afternoon when to Dr Cosses but feared to go to Dr Ruches — and now I dread to get home:— what is the spell that thus affects me. O that I could dispell the cloud forever. — Hence to Dr Otto's Mrs Ewings & Dr Seybert's not a home. Met at Dr Allens & found Miss & Dr Salter, we talked quizically, and laughed greatly.

In the evening I went to Mr Emory & waisted all the rest of it entirely — went to bed at ten but the second times since I have been in this city.

Saturday 27th March —

Quite cold & threatens snow, but the air is very dry. & electrically works well, my boot laces stand out & even the friction of running up

stairs to excite them that my fingers would attract the silk. It has remained all day & now my tassels are in a uproar. I can not account for it. The Thermometer is about 40°. & the sky overcast, & perfectly dry. But I suspect that the blacking has covered the silk & that gives it its electric properties chiefly. It is wonderful electric. They are attracted by the iron by my pen & even by my finger. I called on Dr Seybert and was surprised to find so young a man. I thought him an old plain drab Quaker, but he is a quick, active, sensible man. He recommended me to see the collection of the Cabinet of Sciences, which was his. Also Mr. Wistar's. Mr Collins'. The Philosophical Library, & Dr Barton's. He gave me a specimen of native silver from

South America in Lime Stone. Was extreemely polite. After this I set out to walk & thought to myself after having passed 5th St. that I would ~~get~~ go to the Library & look at Linnaeus, I turned about, but "think I to myself", perhaps I may meet somebody I know — so I will go thro' Library alley — I saw as I crossed a lady having the air of E but not the dress. I seem prepossessed that it was she but dared not look and did not look at her. I went thro the alley in full expectation of seeing her, and so it turned out for there she was. Had I have seen her going out of her fathers house I would have said you will not walk out with this dress. She asked immediately, How come you to say you were afraid of me yesterday — I blundered out an answer — we went to Drummies & there set of laughed — talked nonsense. exchanged Photo — Rain in afternoon.