Compiled and Edited by Shawn Apostel Clemson University

When students use poetry to imagine and explore academic subjects, they examine the topic in new, creative ways, resulting in interesting and lively writings that stimulate thought and class discussions. The following poems are examples of student poetry written in a variety of classes throughout the curriculum. I am pleased to showcase student writing in this section, and I hope reading these poems will suggest possibilities and adaptations for teachers and students elsewhere.

Students at Clemson University in South Carolina participating in a Communication-Across-the-Curriculum (CAC) project wrote poetry as part of their classroom experience. Professors from a wide range of disciplines assigned the poems to help students engage course material through their creative thinking and writing abilities, so that they, and their classmates, might discover new perspectives on the subject of study. The endnotes on the title of these poems detail the teacher, course, and assignment given to the student.

Middle School students at The Park School of Baltimore (a K-12 independent school in Maryland) wrote the second group of poems as part of a language arts and science collaboration. Students wrote the poems based on their research and experience with nature after being taught the skills of close observation, note-taking, and metaphorical thinking. Teachers involved were Nancy Abrams, science; and Nadine Feiler, language arts and social studies. The essay they co-authored immediately follows these poems and describes the interdisciplinary project in which the students composed the poems.



The poem was submitted in the circular form on the prior page, in a format that is readable, but that we were not able to reproduce, so here is the "translation," so to speak:

Fertilization Poem¹ Maureen McHugh

Sperm:

Ive lost my phone number may I borrow yours?
They call me coffee because I grind fine
Hey baby, are your feet tired? Cause you been running through my mind all day.
Are you from Tennessee? Cause you're the only 10 I see
Do you know karate? Cause your body is really kicking
You must be a parking ticket because you have "fine"

written all over you.

Egg:

Go ahead and break through my gelatinous veil. Many have tried and many will fail. You've already been through a dangerous road; the acids did many of your friends corrode. But you have made it through the difficult trial, and you've reached me whom you so desire. You want to combine your DNA with mine? Haploid to diploid, or so you pine. Well go ahead and pine after me. We'll see which one's the most lucky. We've only this chance to fulfill our fate, so put away your tired lines, come on, let's mate

"I watch those hands..."² Amanda Oberdorff

I watch those hands that are still too small To grasp what I carry with ease. But while my own hands resign themselves To the tasks that comprise adulthood His move with frantic fascination To interpret the details of life. With black ink and pencil lead I record the Crayola spectrum of his day. And while he touches the worms and critters Whose sensation I've long since abandoned I look at my own hands and wonder Do my fingers point direction for him Or is his easy grip pulling me To the memories and excitement that age forgets?

Chemical Equilibrium ³ Catherine Taylor

Chemical equilibrium may be confusing to some I may leave them frustrated and feeling quite glum. Why can't a reaction just happen one way? What's this Kw. Kc. and Ka? If you'll sit back and listen, I'll show the way All you need is the principle of LeChatelier. When you listen to him, it will help you decide If the reaction will shift to the right or left side. When the products are large, the reaction moves right Don't let all the K business give you a fright. When the products are many, K is greater than one ... Oh wait!! Please don't go-your lesson's not done. When the reactants are large, K is smaller than one And it's the left side this time that has all the fun. I can see you're not listening—you're bored as can be So I hope on the test you improve on your D.

Going Downtown ⁴ Hayley Shilling

We wear few layers And go out into rainy February looking for warmth. Our twenty white toes, pinched by high shoes, strappy shoes. click on the side walk and Pinking from cold air, and the friction of Going downtown. We open doors, present ourselves to bouncers—bona fide by age. We present ourselves to men inside All the time casting our eyes around for a tall body, a shock of dark hair. Someone Not too drunk to speak, but drunk enough to say hello (to the likes of us) we think. Often the place is only partially filled and we move on. Two approaches, stools change, bouncers change (They know our faces, if not our names) And again we slip out into the rain Hunting and hunted, going downtown. We order few drinks And down them slowly, swirling the ice looking for warmth. Our beautiful painted lips, pursed around short straws, bitter disguised liquid, Pinking from Sex on the Beach and Going downtown. Sometimes the loud music makes it all worth it if it's something we recognize, And there's someone there too, From classes or from last Friday to pretend to be interested in shouting at our ears and hearing us over it, Or notice we made ourselves up to show them. Other girls have longer hair, shorter skirts, higher boots, and we're jealous and sorry for them. Old men say, "You look like my daughter, want to dance?" Young men say, "I'll be your daddy, what's in your glass?" They compliment our clothes and grab our ass We're just girls, going downtown.

Beach Baby ⁵ Haley Ann Nelson

Sun kissed cheeks decorated with freckles, Golden hair touched by the sun Sparkling green eyes that ached to see all. The excitement of sand. **Dunes that became castles.** Fortresses with princess Ruler of the land. A Minnie Mouse Bikini With Hot Dogs at lunch time The taste of saltwater The smell of coconut sunscreen Brown legs and arms **Racing towards the water battling the waves** Becoming the beautiful mermaid. Only seven years old and imagination That filled a lifetime. A wanting, a needing a yearning To never grow old Knowledge began to gain power, Took over the princess The beautiful mermaid. No more Minnie Mouse Bikinis, but towels Wrapped around a tortured body That hungered to feel the freedom of dashing in the ocean With a stomach full of hotdogs And sandcastles with seashell windows.

Region of Rejection: Gettysburg Address Revised ⁶ Bo Gillooly

Four score and seven years ago, our Tukey, brought forth on this subject, a new formula, conceived in the Studentized range, and dedicated to the proposition that all pair's two corresponding population means are not equal.

Now we are engaged in a great Bartlett's Test, testing whether that variance, or any other variance, independent and normal, can long endure.

We are met on a great battlefield between two mighty tests.

We have come to dedicate a portion of the Wilcoxon Rank Sum field,

as a final resting place for those who are ranked and independent,

and another field to ranked and non-normal samples, who gave their lives so that Kruskal-Wallis might live.

It is altogether fitting and proper that we should do this. But, in a larger sense, we can not forget General Friedman.

For we can not consecrate a whole block without this fallen comrade,

And so we hallow this statistical ground, as Anova, sum of squares, a treatment.

Just a Thought ⁷ Felisia A. Sims

What if Stanley dug the hole Alice fell in? Would her bottle of fizzy drink really be sploosh?

What if Pinocchio crossed a tarbaby in his path instead of a serpent? Would that sly fox still lay low?

What if Max's journey was across desert sands instead of the wide ocean? Would the wild things be bearded ladies selling *paan*?

What if Flopsy wore a blue jacket? Would she have eaten so many radishes?

What if Harriet was in the Ceremony of the Twelves? Would her assignment be "Busybody"?

What if Disney had known Carroll? Would they have had profound conservations while sharing a hooka?

What if Pinocchio's Fairy with the Azure hair had really been The Warden?

What if the toad Harriet hid in her classmate's desk was really a prince?

What if Ole Golly had nappy hair?

Just a thought.

Poem⁸ Amanda Brown

The war in my head over getting help or fighting on my own A constant struggle to show no signs Feeling desperate and alone Try to exert control, calm, breathe Push through the fog of the mind to be like everyone else All the Average Joes of the world with their families Their nine to fives and cups of coffee While I sit within my own work group But not working on projects, figures, company reports Although something is under construction or rather **Reconstruction**-The mind being slowly twisted back into shape **Carefully molded with imperfect hands** Trying to fix the wrongs even a Perfect Hand couldn't fix Soft voices trying to soothe the tantrums within To the point where Reason can be heard speaking A constant struggle to show no signs The war in my head over getting help or fighting on my own

Passing the Old Kitfield Inn, Monck's Corner, SC ⁹ Matt Creech

Of course, you no longer shoot and instead Travel daily to the fields, coming first to a strange Convergence Of dirt and asphalt roads, the sun-blanched sign "Kitfield Inn" Left towards the big oak (the base strewn with the cigarettes and cheap beer cans of bored teens) Through the trailers and lines of scuppernong, and finally To the graffiti covered Inn itself. You unhinge the gate, follow The worn road, and begin another day of work. After all, you no longer shoot, and the preparation is all. Walking along the raw ruts of new earth You kneel suddenly, as if genuflecting to some pagan god mother. father. a bitch. or a bore-And rise slowly under the bend and weight of arthritic age. Between the broomstraw and sorghum strips, Out toward the traces of loblolly and brambles, Cracked corn and seeds powder the soil. Sifting your weary (but still strong) hands through the work of An old man's autumn, your soil will not yield crops, but the Restrained and familiar sunrise violence of falling doves. The preparation is all.

> Math the Deceiver¹⁰ Bridgett R. Duggins

I see you Math hiding behind your a's and b's sometimes x, y, and z's I see you......

You think slick I'm sure 1 + 1 = 2 but you question my integrity had the nerve to ask me to come up with a proof.

Proof by Contradiction more like proof by lies nevertheless math I see you so don't try to hide....

You hide behind E's, N's, Z's and R's but I see you math I know who you are

You're nothing but a number too much of a coward to be straight forward I swear there's always a twist making me go through theorems and identities just to prove you exist

> In the end Math, I'll break you down and I'll expose you cause I see you and I know who you are....

Ode to Math (With strategically placed vocabulary)¹¹ Maureen McHugh

Humor me, as I become reflexive. I wish to relate to you the transformation Of my composition as a student. One-to-one, myself and I (the unique identity) I seek to find mathematical relations, and to Generate some finite order in my infinite mind.

The field of math, it seems, is cyclic, A ring mapped onto itself. All classes appear equivalent, a symmetric group, Each partition taken as a subgroup of the whole. Outwardly prime (relatively, at least), But the domain of math is eternal, and All ideas become congruent; it's just a function of time.

This is the unity that compels my mind; This is the beauty that satisfies my soul; This is pure, this is abstract, this is the science of our world.

This is math.

Wacko-Tobacco¹² *Kara Davis*

Dear Stevie:

Roomie, I do love you so, But this chewing snuff has got to go! Our room is laced in bottles and cans, And a smell that lingers with your hair and hands. Your constant spitting while I'm trying to work Has led me to act a bit like a jerk. I'm sorry, really, but think how I feel, When you're sucking your teeth and tapping your wheel. And what about Josie when he kisses you sweet? A surprise sure awaits that tastes of rank feet! If not for us, then quit for just you, The scary stats prove all too true. Ulcers, cancer, heart disease, even death. A hell of a case of God-awful bad breath! Besides that, darling, you are a girl! Think of social stigmas, your place in the world. If you're stressed take runs, naps, showers. Set small goals; a few days, several hours. Baby steps, baby steps, you'll pull right through, And there'll be a much happier, healthier you!

Victoria's Secret (a poem for two voices) ¹³ Victoria Ward	
I am Pedro.	I am Max.
We are the secrets of Victoria's house.	We are the secrets of Victoria's house.
I am white and I am black.	I am both, all of that.
We are the rulers. We are the cats.	We are the rulers. We are the cats.
There are two others.	
	There are two others.
Just like the rest.	But we are the best.
We are the cats Pedro and Max.	We are the cats Max and Pedro.
The landlord's If he knew about us	Name is Erik. We'd be gone on the bus.
But what he doesn't know	Won't hurt him.
We are the cats,	We are the cats,
We are the rulers,	We are the rulers,
And we are the secrets	And we are the secrets
Of Victoria's house.	Of Victoria's house.

Of Carrots and Sticks¹⁴ Jason Meadows

Some shout "Only carrots!" Others cry "Only sticks!" And still are those who ask for "Neither!" (to whom I say "Get Real!") Alas! If the people were smart I would give them only carrots Or, if stubborn and cattle, only sticks But in my experience they are both And such requires a mix.

For remember: When they are big, carrots are of poorer quality When they are big, sticks frighten more When they are small, carrots are more alluring When they are small, sticks are called twigs

Wise mothers say, "Eat your carrots!" and "Don't play with sticks!" Both to the benefit of your eyes So to see with clear vision, My own wisdom is this: Carrots are the measure of a gem take them while you can On the far side of sticks is Hades avoid them while you can

Detritus ¹⁵ Michael Roswell

Oh that wonderful stuff. Muddy, Gooey detritus. Some would say It smells Like sulfur. With a bit of methane. And rotting dung Mixed in So bad. Not me. Hungry, Eat it. Dying, Become it. Need a home Knead a home. Why bother Making any landfills, Mountains of trash **Filling our planet** The way Water gets soaked up Into a napkin When you **Can make Detritus?** Why make A sandwich When detritus Is over there? Why make Mud bricks Or concrete. If you can Dig a hole? Potpourri, Detritus will do. Detritus.

Sun Rise Walk ¹⁶ Maggie Sachs

I walk along a road of sand, never ending. Along my side, the black water, Sloshing and writhing Like a fire. in the ocean. Darkness surrounds me. In the far distance, there is a tiny gleam of light, As if someone had ripped a hole In a black sheet that resembled the sky. At the beach, music plays. The waves crashing in furiously Keeping the beat Seagulls sound the melody And the sandpipers dance to the music. I keep walking, and walking Miles and miles Slowly vanishing into the distance. Soon, the sun begins to rise, Fast. Faster than an Olympic runner.

The Wonders of Assateague ¹⁷ Sami Winer

I take back memories of... The beach, The cold, cool water Shimmering in the sunlight.

The salt marsh, That unforgettable smell, Of the mud that smelt of Rotten eggs.

The dunes, Ever changing... Animals landing there, Then the sand, tumbling down.

The forest, Where the animals run freely, The trees folding over you, Like you wrap in a blanket, On a cold night

The bay, The fish swimming, Without any fears, The cool air, Blowing in your hair.

Will you ever return?

Endnotes

- ¹ Professor: Jerry Waldvogel; Course: General Biology; Assignment: Students were asked to accurately portray some aspect of the biology covered in the course.
- ² Professor: Jan Murdoch; Course: Psychology, Clinical Practicum; Assignment: After hands-on clinical experience with individuals having diagnosed mental disorders, students were asked to write a poem from their perspective or from the perspective of a person with a diagnosed mental disorder.
- ³ Professor: Melanie Cooper; Course: General Chemistry; Assignment: Students were given the topic Equilibrium and asked to write a poem that incorporates both the everyday "real world" meaning and the chemical definition of equilibrium.
- ⁴ Professor: Judith M. Melton; Course: Women's Body Image in Popular Culture; Assignment: Students were asked to create two poems dealing with the themes of the class.
- ⁵ Professor: Judith M. Melton; Course: Women's Body Image in Popular Culture; Assignment: Students were asked to create two poems dealing with the themes of the class.
- ⁶ Professor: Wayne Patterson; Course: Intermediate Business Statistics; Assignment: Students were asked to focus on a subset of the basic topics examined in the course, write a poem to inform a non-class member in some way about statistics, and illustrate the ideas using practical examples or illustrations.
- ⁷ Professor: Lucy Rollin; Course: Children's Literature; Assignment: Students were asked to experiment with words, think "outside the box," and imagine new ways to experience a work of children's literature.
- ⁸ Professor: Patricia Connor-Greene; Course: Abnormal Psychology; Assignment: Students were asked to write two poems: the first poem was to be written just before visiting a mental health treatment facility (in anticipation of what they might see or feel); the second poem was to be written immediately after the site-visit.
- ⁹ Professor: Alma Bennett; Course: President's Seminar, "Place: An Interdisciplinary Study of the Function of Setting"; Assignment: Students were asked to write a poem that reflected an intense but carefully focused response to a place, to place itself.

- ¹⁰ Professor: Joel Brawley; Course: Introduction to Modern Algebra; Assignment: Students were asked to write a poem which had to be at least ten lines but no more than one page and had to pertain to the course in some way.
- ¹¹ Professor: Joel Brawley; Course: Introduction to Modern Algebra; Assignment: Students were asked to write a poem which had to be at least ten lines but no more than one page and had to pertain to the course in some way.
- ¹² Professor: Jerry Waldvogel; Course: Honors Biology; Assignment: After discussing topics like drug addiction, cloning, smoking, and abortion, students were asked to write a poem that explores the topic from the perspective of some person or object involved in the issue.
- ¹³ Professor: Michelle Martin; Course: Children's Literature; Assignment: Students were asked to write a poem based on the poetry of Paul Fleishman in "I am Phoenex" and "Joyful Noise," poems which are written for two voices. Directions to read the poem are as follows: the person on the left reads the left column; the person on the right reads the right column, and each is silent when nothing appears on his/her line; when text is printed for both readers, they both read, even if the words are different for the two speakers.
- ¹⁴ Professor: Margaret Thompson; Course: Studies in Environmental Science, Law and Policy; Assignment: Students were asked to review the curriculum and find a topic to use in a poem.
- ¹⁵ Teachers: Nadine Feiler and Nancy Abrams; Course: Sixth Grade Science and Literature Project. Assignment: At four different points in the project students were given jeweler's loupes and asked to look at objects, sketch them, write about what they saw, ask themselves what the object reminds them of, and theorize about why the object looks as it does. The notes were used for the poems, three of which are used here. According to *The Concise Oxford Dictionary*, Detritus is "waste or debris, in particular organic matter produced by decomposition or loose matter produced by erosion."
- ¹⁶ "Sun Rise Walk" and the poem that follows describe the poets' thoughts and feelings after a field trip to do research on Assateague Island.
- ¹⁷ Assateague Island is an ocean park in Maryland.