

Karen Wang
Uncondoned practices include tasting the solution to find acidity levels that elude common litmus tests,


Nature's Mirror, digital photography, Leslie Tong


Tensegrity, film photography, Andrew Gong
All is Numeral and Warm
Garrett Ervin
All is numeral and warm:
Because they are whole, I count the building's bronze-red bricks; I count the ribs in Lyca's side because they are whole; Because they are whole, I count the strands in Lyca's hair; I count the blonde strands of the air because they are whole.


Bienvenue, Mon Amour, scratchboard, Stephany Lai

## Reading

Anonymous

He wore a black dress shirt.
(He always looked good in black.)
The sky sat blue behind, overlooking.
He smiled, I smiled, sitting.
Smoke rose from near his fingertips.
I crinkled my nose.
He noticed.
Looking into my eyes,
"How are you, friend?"
"I'm doing good"
"You look tired"
"l am tired"
Cigarette to mouth, his left-hand trembled.
I saw, and he followed my eyes.
"You should take better care
of yourself," he smiled.
Briefly my brow furrowed,
Eyebrows a shallow black V ,
"I try to"
He smiled, expansive, right hand then
Resting over left.

## Now I can see

Clearly, his skin a shade too wrong,
The pose of his shoulders somehow faked,
Too many new lines radiating from eyes that Always read better than mine.

Then, though, I saw just little things.

## "How are you?'

He looked away, and then
Returning to me:"l'm doing well."

His eyes spoke,
I left mine silent.
We ordered food and when it came
I sank in as though the meal had power to replace reality With something softer.

We talked of nothing much, and
I said nothing, seeing nothing,
Though will has more to do with seeing than
What's before our eyes.

We split the check, and the plates
Collected themselves, lifting away.
I rose to leave,
He stayed seated.

Brows furrowing,
"Take care of yourself."
"Goodbye."
I left in silence,
Feeling his eyes
Follow me out.
Pain's mirror is still pain,
And I feel that reflection deeply.
I wish we were both worse at hiding.
Let imagination be imagination, my eyes self-deceiving. Grant us both another day,
That tomorrow we may rise, And with courage,
Speak.

He raised the cigarette, looked down, and then away again,
Fleeing from pain we'd shared and banished, but had now returned.
I know now on his body,
There'd be fresh needle marks,
Hidden behind black, behind my willingness not to see.

Untitled Cliff Chang

I traveled north, north, all the way north until I was at the end of the earth.
Then further still I went until, perched on nervous ice, the greedy cold desiccating my every opening, I waited at the pole, my breath the only motion for hours, and waited for loneliness.

But she did not come, for as I waited in solemn anticipation, I felt the million pulls of a million tiny needles, countless compasses in as many questing hands, all asking questions to my body. I could feel the Americas in my kidney and Cambodia in my heart and Turkey in my ear, every unsteady wobbling pin which turned and turned and ended up at me, pulling as the distant stars pull on the seas, and as heaven tells the Earth it is not alone, so I knew that I was not yet alone.

So instead I swam, out, out into the widest green, and when I could swim no more I waved farewell to the sun and let the insistent sea into my every cavity, and watched as my body traced a slow tumbling arc through the ever dark water, losing sight of the light like a lover on a train platform. My being stayed with my body, and waited for loneliness.

But she refused to come, for as my bones were crushed to sand in the blackest cold, they joined the dust of all unlucky sailors and too-bold children, and in that stillness where only the mantle below breathed, every grain that was once a nerve felt every wave from every motorboat, every kick of every swimmer's knees, laughing and diving in all the seven seas.
Every propeller-turn and toe-push moved me, slowly arranging my dust, and so I knew that I was not yet alone.

But ah, here, sitting on this bench, watching the strangest people go by, telling jokes that I will never understand she is not here, yet. But she nears.



Untitled, digital photography, Debbie Tseng


Sara and Joe, silk painting, Jim Barry

## Frida's love charm

Noele Norris
the hummingbird
he frantically beats
like my heart when it nears yours
3 3ame
he weaves back and forth
working so hard
for love love perhaps
and yet looks so graceful confident
i will watch him carefully follow him back to his small nest
when he dies
his beating heart his beating wings
do they truly stop
i will steal him
from his loved ones
i will tie him to my neck with the passion of thorns
and maybe then
his little heart
still beating
working so hard
for your love love I hope
i will steal it


Untitled, clay sculpture, Ransom Williams

## A Course in Combinatorics

Kath Abela Wilson

if you meet my eyes
looking over the hydrangeas
how do you know your computer will work what are your lower bounds
the parameters the minimal explanation of our complicated interaction?
how could we generalize to maximize our aim what probabilistic asymptotic computational construct could make this roux for two
covering arrays displaying
our pairwise compatibility
now into the serene pool the look amidst the framing moss and tall grass nodes, degrees, diameters,
our eyes are bubble sorts recursively constructed staring through bamboo channels floating rafts of iris
how can you keep me
pristine, singular, for yourself against suspicious users unwilling to pay the price? embed me
watermark imperceptibly
what you want to keep
through paths into the hills we've relaxed our plan thanks to your intent let go one end of it
that need not be on the circumference we're decomposing bridges found low ceilinged a darkish cave
a subpath of our outer walk,
a subgraph of a particular kind
et this be our focus,
the long time representative
surface of us has wrapped around itself and our embrace has turned spherical
our proof is elementary but not trivial consider the rational coefficients the number of congruences the power of our prime the bound is the best possible identity we omit the details

Orthorhombist I, microphotography, Dennis Callahan





Vigilant Guard of Carefree, digital photography, Leslie Tong




$$
\begin{aligned}
& \text { Now wind whooshes hard and cold } \\
& \text { parting my hair } \\
& \text { so my scalp stings } \\
& \text { as I pull aching shoulders } \\
& \text { up around my neck. } \\
& \text { Petunias hunker down } \\
& \text { in the stark sunlight } \\
& \text { where the azure sky } \\
& \text { seems too bright to be ironic. } \\
& \text { Around me brilliantly } \\
& \text { they are pushed down, almost flattened } \\
& \text { against the brittle ground } \\
& \text { by the burning cold. } \\
& \text { There will be fires } \\
& \text { and monarchs boasting. } \\
& \text { There will be dead sons and daughters } \\
& \text { all of them ours. } \\
& \text { And even the flowers } \\
& \text { will be drenched } \\
& \text { in humanity's shame. }
\end{aligned}
$$

Petunias

## -



The Red Umbrella, acrylic, Stephany Lai









Good Morning SoCal, film photography, Nickie Chan

$$
\begin{aligned}
& \begin{array}{l}
\text { my body aches } \\
\text { the way an empty glass does } \\
\text { I live in a glass bead game } \\
\text { consuming and illusive } \\
\text { is each bead } \\
\text { knotted into the string of time } \\
\text { her majesty's ship } \\
\text { flies at one hundred knots } \\
\text { they pass through my hands } \\
\text { as I watch the sand slip by }
\end{array}
\end{aligned}
$$






Thompson Center, Chicago, digital photography, Katherine Breeden





A Californian Winter Day, film photography, Nickie Chan

He resembles the clouds ...each turn floating into the next...
who randomly appears wearing an orange backpack like an afterthought...
riding a bicycle through my courtyard in a soft clay-scented rain...
holding open and aloft a big green umbrella like a sail...
grinning up at himself from his reflection in mirror-pools on the ground... almost without a sound but for a dull rhythmic whirrrrrrr when a tire rubs the frame.



Kokorozashi, custom designed/assembled guitar, Nam Nguyen


The Busker, digital photography, Dongkook Lim

## The Playwright

Daniel Haas

We danced across the rooftops Under a backdrop of painted stars The night before she exited, stage right For the duration of Intermission With carefully chosen dialogue The audience was clued in That I had fallen.
We could all see how this would go: A small friendship would blossom Some sort of conflict would arise (A problem seemingly insurmountable) Sappy music would montage between us

Before a climactic church scene I object!
We'd kiss as the credits roll
Lights come up, the man cleans the floors Shows again at 7:05 and 10:45
But the world is not a stage
And when you peel back the film you see
That the cigarette burns are real
Life is not split into Acts,
And all of her can't be contained
By a pithy rejoinder from some comic relief Or a dramatic monologue
And our dance was not the foreshadowing It was merely the shadow


My Backyard in Winter, digital photography, Sierra Petersen

## Fork

Dallin Akagi

Just like so many times before, he found himself standing at a fork in the road, with the sun setting on a spring evening and the opportunity to choose. Despite his being very much alone, he voiced his sentiments, his tone reflecting his surprise and annoyance: "Ah, crap."

After so long on the solitary mountain path, the rises and drops had become familiar to him. The path never doubled over onto itself, but as he had continued the steady march somehow he grew to be able to sense the upcoming bends, and knew what he would see at each successive clearing before reaching it.

The trail itself was not for the weak, and he took pride in that. But he didn't expect to have to make a choice. Its sudden appearance left him a little unnerved, and a lot unprepared. He stood with his arms hanging limply at his side as his eyes darted between the paths before him. His forehead scrunched up, showing his intense concentration for the task at hand.

Each possibility seemed as promising as the other, but a nagging thought stole the confidence that he sought to make the decision: he didn't know how far each would lead, or where they would end up. Even worse was that he knew that there was no turning back; if he were to choose poorly, he would find himself stomping through the trees and bushes, eventually stumbling upon the solitary mountain path once again. He balled one fist and let the other hand wrap around it, holding the two in a protective gesture in front of his mouth as he breathed deeply, his elbows tucked in tight to his sides. It didn't make him feel any more secure.

As he stood there, analyzing and contemplating, the paths ahead seemed to grow maddeningly more narrow. Minutes passed. Hours passed. The longer he refused to choose, the more unlikely the success of each route seemed. The sun sunk lower and lower, finally disappearing behind the trees. The choices before him were closing off. He watched the shadows and branches slowly swallow each path before him until he was standing there alone in the dark, with no path before him.

In the dying light of dusk, he clenched his jaw tightly, exhaled abruptly through his nostrils, and kicked violently at the air in front of him while screaming out in rage. Furious at himself for once again letting uncertainties stop him from action, vowing that next time will be different, but fearing that it won't, he stepped forward into the darkness, knowing that by daybreak he would find himself marching on the solitary mountain path.



> Goddamn it, the Koalas are back!

Goddamn it, the Koalas are back! ****, I tell you, they're freaking everywhere! Ready the machine guns, and fire grenades! Man down!

## Man down!

Sergeant, Dan's down; his machine gun's unmannedThen go take his place, if you're just half a manSergeant, all l've got left is my broadsword, And the furs are still coming on STRONG(My voice is so hoarse; I must rally my men; but How can I fight this marsupial force?) Sergeant, please help me; oh help me! OH GOD!(God give me the strength to defeat this damn horde.) Stay cool, men, stay cool. Stick together and let No damn paws get the man on your right or your left Martinez! Martinez: grabbed from behind, And they're falling from trees; and they're pulling men up! This jungle's our worst damn enemy
(If every time someone died I got a penny...)
Sergeant, where are you? Sergeant, please look! (What's that that's grabbing and pulling my foot?) Oh, god, they got Sergeant! They got him! Oh f--!

## And suddenly, one private (just one P.F.C., no honors aside from the scars on my soul), I'm <br> alone.

No Karen to kill, no infantry at my back.
No friends, just blood and fur and pieces of flak.
In the middle of a lonely jungle clearing,
My soul is all alone, and night is nearing.

Ugly little monster in the window sill, I do not like you
Sitting there with your ugly little eyes Always staring at me.

Go somewhere else! Disappear!
Cover yourself with a little wash cloth So I can't see your ugly oval face.

When I woke up today
There you were with that not-quite-a-smile, Sitting. What did I do to have
You, spiky tail rapping again
Against the inside of my window pane?
Perhaps, I'll scream
And make you go
Perhaps l'll attack you with a stick
Or throw a shoe,
Or light a small fire,

But you will always be there
Lying belly up and blowing
Tiny smoke rings from each nostril.
Something put you here - I know what,
I know how to make you gone, but for now It's easier to let you sit, hidden
Under a dirty sock (until
You blow it off
With a high pitched sneeze).
And who knows, maybe tomorrow You'll be gone. Or maybe there'll be Two tails tapping softly
On the inside of my window pane.



Looking Towards the Future，digital photography，Ioana Aanei

authors
aども高 5
ioana aanei－dallin akagi－jim barry－katherine breeden dennis callahan－nickie chan－cliff chang－laainam chaipornkaew justine chia－perrin considine－joe donovan－garrett ervin gina gage－andrew gong－xinmei guo－daniel haas emily hamecher－isaac hilburn－david koenitzer－po ku stephany lai • grace lee • dongkook lim • phil lindquist fedor manin－ahuva mu＇alem－david nichols • nam nguyen noele norris • kenny oslund • sierra petersen • andrew pullin d．m．solis－christina theodoris－leslie tong－debbie tseng karen wang • marissa weichman • ransom williams • kath abela wilson
sponsors
admissions ascit caltech y division of hss gsc mosh public relations student affairs student diversity
tatem staff
kimberley ho • christina theodoris－angela zah
professor kevin gilmartin
ioana aanei－donatela bellone－yasha berchenko－kogan cliff chang • jessie ge • ellen hsu • michelle jiang emily kim • patrick kim • stephany lai • grace lee dongkook lim • jennifer ma－juying shang sue shiao－fei yang • wubing ye


