Scientists are discovering that the cocktail of brain chemicals that sparks romance is totally different from the blend that fosters long-term attachment. So what, really, is this thing called

husband and I got married at eight in the morning. It was winter, freezing, the trees encased in ice and a few lone blackbirds balancing on telephone wires. We were in our early 30s, considered ourselves hip and cynical, the types who decried the institution of marriage even as we sought its status. During our wedding brunch we put out a big suggestion box and asked people to slip us advice on how to avoid divorce; we thought it was a funny, clear-eyed, grounded sort of thing to do, although the suggestions were mostly foolish: Screw the toothpaste cap on tight. After the guests left, the house got quiet. There were flowers everywhere: puckered red roses and fragile ferns. “What can we do that’s really romantic?” I asked my newly wed one. Benjamin suggested we take a bath. I didn’t want a bath. He suggested a lunch of chilled white wine and salmon. I was sick of salmon.

What can we do that’s really romantic? The wedding was over, the silence seemed suffocating, and I felt the familiar disappointment after a longed-for event has come and gone. We were married. Hip, hip, hooray. I decided to take a walk. I went into the center of town, pressed my nose against a bakery window, watched the man with flour on his hands, the dough as soft as skin, pushed and pulled and shaped at last into stars. I milled about in an antique store. At last I came to our town’s tattoo parlor. Now I am not a tattoo type person, but for some reason, on that cold silent Sunday, I decided to walk in. “Can I help you?” a woman asked.

“Is there a kind of tattoo I can get that won’t be permanent?” I asked.

“Henna tattoos,” she said.

She explained that they lasted for six weeks, were used in Indian weddings, were stark and beautiful and all brown. She showed me pictures of Indian women with jewels in their noses, their arms scrolled and laced with the henna markings. Indeed they were beautiful, sharing none of the gaudy comic strip quality of the tattoos we see in the United States. These henna tattoos spoke of intricacy, of the webwork between two people, of ties that bind and how difficult it is to find their beginnings and their ends. And because I had just gotten married, and because I was feeling a post wedding letdown, and because I wanted something really romantic to sail me through the night, I decided to get one.

“Where?” she asked.

“Here,” I said. I laid my hands over my breasts and belly.

She raised her eyebrows. “Sure,” she said. I am a modest person. But I took off my shirt, lay on the table, heard her in the back room mixing powders and paints. She came to me carrying a small black-bellied pot inside of which was a rich red mush, slightly glittering. She adorned me. She gave me vines and flowers. She turned my body into a stake supporting whole new gardens of growth, and then, low around my hips, she painted a delicate chain-linked chastity belt. An hour later, the paint dry, I put my clothes back on, went home to find my newly wed one. This, I knew, was my gift to him, the kind of present you offer only once in your lifetime. I let him undress me.

“Wow,” he said, standing back. I blushed, and we began.

We are no longer beginning, my husband and I. This does not surprise me. Even back then, wearing the decor of desire, the serpentine tattoos, I knew they would fade, their red clay color bleaching out until they were gone. On my wedding day I didn’t care.

I do now. Eight years later, pale as a pillowcase,
here I sit, with all the extra pounds and baggage time brings. And the questions have only grown more insistent. Does passion necessarily diminish over time? How reliable is romantic love, really, as a means of choosing one's mate? Can a marriage be good when Eros is replaced with friendship, or even economic partnership, two people bound by bank accounts?

Let me be clear: I still love my husband. There is no man I desire more. But it's hard to sustain romance in the crumb-filled quotidian that has become our lives. The ties that bind have been frayed by money and mortgages and children, those little imps who somehow manage to tighten the knot while weakening its actual fibers. Benjamin and I have no time for chilled white wine and salmon. The baths in our house always include Big Bird.

If this all sounds miserable, it isn't. My marriage is like a piece of comfortable clothing; even the arguments have a feel of fuzziness to them, something so familiar it can only be called home. And yet . . .

In the Western world we have for centuries concocted poems and stories and plays about the cycles of love, the way it morphs and changes over time, the way passion grabs us by our fling-back throats and then leaves us for something saner. If Dracula—the frail woman, the sensuality of submission—reflects how we understand the passion of early romance, the Flintstones reflects our experiences of long-term love: All is gravel and somewhat silly, the song so familiar you can't stop singing it, and when you do, the emptiness is almost unbearable.

We have relied on stories to explain the complexities of love, tales of jealous gods and arrows. Now, however, these stories—so much a part of every civilization—may be changing as science steps in to explain what we have always felt to be myth, to be magic. For the first time, new research has begun to illuminate where love lies in the brain, the particulars of its chemical components.

Anthropologist Helen Fisher may be the closest we've ever come to having a doyen of desire. At 60 she exudes a sexy confidence, with corn-colored hair, soft as floss, and a willowy build. A professor at Rutgers University, she lives in New York City, her book-lined apartment near Central Park, with its green trees fluffed out in the summer season, its paths crowded with couples holding hands.

Fisher has devoted much of her career to studying the biochemical pathways of love in all its manifestations: lust, romance, attachment, the way they wax and wane. One leg casually crossed over the other, ice clinking in her glass, she speaks with appealing frankness, discussing the ups and downs of love the way most people talk about real estate. "A woman unconsciously uses orgasms as a way of deciding whether or not a man is good for her. If he's impatient and rough, and she doesn't have the orgasm, she may instinctively feel he's less likely to be a good husband and father. Scientists think the fickle female orgasm may have evolved to help women distinguish Mr. Right from Mr. Wrong."

One of Fisher's central pursuits in the past decade has been looking at love, quite literally, with the aid of an MRI machine. Fisher and her colleagues Arthur Aron and Lucy Brown recruited subjects who had been "madly in love" for an average of seven months. Once inside the MRI machine, subjects were shown two photographs, one neutral, the other of their loved one.

What Fisher saw fascinated her. When each subject looked at his or her loved one, the parts of the brain linked to reward and pleasure—the ventral tegmental area and the caudate nucleus—lit up. What excited Fisher most was not so much finding a location, an address, for love as tracing its specific chemical pathways. Love lights up the caudate nucleus because it is home to a dense spread of receptors for a neurotransmitter called dopamine, which Fisher came to think of as part of our own endogenous love potion. In the right proportions, dopamine creates intense energy, exhilaration, focused attention, and motivation to win rewards. It is why, when you are newly in love, you can stay up all night, watch the sun rise, run a race, ski fast down a slope ordinarily too steep for your skill. Love makes you bold, makes you bright, makes you run real risks, which you sometimes survive, and sometimes you don't.

I first fell in love when I was only 12, with a teacher. His name was Mr. McArthur, and he wore open-toed sandals and sported a beard. I had never had a male teacher before, and I thought
attraction
Cupid's arrow aims not only for the heart during spring break in Cancún, Mexico, where new friends plunge into a type of love defined by physical attraction. Unconscious body language proclaims their readiness: an open-mouth smile, an arched back, avid eyes. Says center of attention Michele Parsons: "Some of us are looking for true love, but most just want sex."

THIS THING CALLED LOVE 37
it terribly exotic. Mr. McArthur did things no other teacher dared to do. He explained to us the physics of farting. He demonstrated how to make an egg explode. He smoked cigarettes at recess, leaning languidly against the side of the school building, the ash growing longer and longer until he casually tapped it off with his finger.

What unique constellation of needs led me to love a man who made an egg explode is interesting, perhaps, but not as interesting, for me, as my memory of love's sheer physical facts. I had never felt anything like it before. I could not get Mr. McArthur out of my mind. I was anxious; I gnawed at the lining of my cheek until I tasted the tang of blood. School became at once terrifying and exhilarating. Would I see him in the hallway? In the cafeteria? I hoped. But when my wishes were granted, and I got a glimpse of my man, it satisfied nothing; it only inflamed me all the more. Had he looked at me? Why had he not looked at me? When would I see him again? At home I looked him up in the phone book; I rang him, this in a time before caller ID. He answered.

"Hello?" Pain in my heart, ripped down the middle. Hang up.

Call back. "Hello?" I never said a thing.

Once I called him at night, late, and from the way he answered the phone it was clear, even to a prepubescent like me, that he was with a woman. His voice fuzzy, the tinkle of her laughter in the background. I didn't get out of bed for a whole day.

Sound familiar? Maybe you were 30 when it happened to you, or 8 or 80 or 25. Maybe you lived in Kathmandu or Kentucky; age and geography are irrelevant. Donatella Marazziti is a professor of psychiatry at the University of Pisa in Italy who has studied the biochemistry of lovesickness. Having been in love twice herself and felt its awful power, Marazziti became interested in exploring the similarities between love and obsessive-compulsive disorder.

She and her colleagues measured serotonin levels in the blood of 24 subjects who had fallen in love within the past six months and obsessed about this love object for at least four hours every day. Serotonin is, perhaps, our star neurotransmitter, altered by our star psychiatric medications: Prozac and Zoloft and Paxil, among others. Researchers have long hypothesized that people with obsessive-compulsive disorder (OCD) have a serotonin “imbalance.” Drugs like Prozac seem to alleviate OCD by increasing the amount of this neurotransmitter available at the juncture between neurons.

Marazziti compared the lovers’ serotonin levels with those of a group of people suffering from OCD and another group who were free from both passion and mental illness. Levels of serotonin in both the obsessives’ blood and the lovers’ blood were 40 percent lower than those in her normal subjects. Translation: Love and obsessive-compulsive disorder could have a similar chemical profile. Translation: Love and mental illness may be difficult to tell apart. Translation: Don’t be a fool. Stay away.

Of course that’s a mandate none of us can follow. We do fall in love, sometimes over and over again, subjecting ourselves, each time, to a very sick state of mind. There is hope, however, for those caught in the grip of runaway passion—Prozac. There’s nothing like that bicolored bullet for damping down the sex drive and making you feel “blah” about the buffet.

Helen Fisher believes that the ingestion of drugs like Prozac jeopardizes one’s ability to fall in love—and stay in love. By dulling the keen edge of love and its associated libido, relationships go stale. Says Fisher, “I know of one couple on the edge of divorce. The wife was on an antidepressant. Then she went off it, started having orgasms once more, felt the renewal of sexual attraction for her husband, and they’re now in love all over again.”

Psychoanalysts have concocted countless theories about why we fall in love with whom we do. Freud would have said your choice is influenced by the unrequited wish to bed your mother, if you’re a boy, or your father, if you’re a girl. Jung believed that passion is driven by some kind of collective unconscious. Today psychiatrists such as Thomas Lewis from the University of California at San Francisco’s School of Medicine hypothesize that romantic love is rooted in our earliest infantile experiences with intimacy, how we felt at the breast, our mother’s face, these things of pure unconflicted comfort
Love and obsessive-compulsive disorder could have a similar chemical profile.

Translation: Love and mental illness may be difficult to tell apart. Translation: Don’t be a fool. Stay away.

that get engraved in our brain and that we ceaselessly try to recapture as adults. According to this theory we love whom we love not so much because of the future we hope to build but because of the past we hope to reclaim. Love is reactive, not proactive, it arches us backward, which may be why a certain person just “feels right.” Or “feels familiar.” He or she is familiar. He or she has a certain look or smell or sound or touch that activates buried memories.

When I first met my husband, I believed this psychological theory was more or less correct. My husband has red hair and a soft voice. A chemist, he is whimsical and odd. One day before we married he dunked a rose in liquid nitrogen so it froze, whereupon he flung it against the wall, spectacularly shattering it. That’s when I fell in love with him. My father, too, has red hair, a soft voice, and many eccentricities. He was prone to bursting into song, prompted by something we never saw.

However, it turns out my theories about why I came to love my husband may be just so much hogwash. Evolutionary psychology has said good riddance to Freud and the Oedipal complex and all that other transcendent stuff and hello to simple survival skills. It hypothesizes that we tend to see as attractive, and thereby choose as mates, people who look healthy. And health, say these evolutionary psychologists, is manifested in a woman with a 70 percent waist-to-hip ratio and men with rugged features that suggest a strong supply of testosterone in their blood. Waist-to-hip ratio is important for the successful birth of a baby, and studies have shown this precise ratio signifies higher fertility. As for the rugged look, well, a man with a good dose of testosterone probably also has a strong immune system and so is more likely to give his partner healthy children.

Perhaps our choice of mates is a simple matter of following our noses. Claus Wedekind of the University of Lausanne in Switzerland did an interesting experiment with sweaty T-shirts. He asked 49 women to smell T-shirts previously worn by unidentified men with a variety of the genotypes that influence both body odor and immune systems. He then asked the women to rate which T-shirts smelled the best, which the worst. What Wedekind found was that women preferred the scent of a T-shirt worn by a man whose genotype was most different from hers, a genotype that, perhaps, is linked to an immune system that possesses something hers does not. In this way she increases the chance that her offspring will be robust.

It all seems too good to be true, that we are so hardwired and yet unconscious of the wiring. Because no one to my knowledge has ever said, “I married him because of his B.O.” No. We say, “I married him (or her) because he’s intelligent, she’s beautiful, he’s witty, she’s compassionate.” But we may just be as deluded about love as we are when we’re in love. If it all comes down to a sniff test, then dogs definitely have the edge when it comes to choosing mates.

Why doesn’t passionate love last? How is it possible to see a person as beautiful on Monday, and 364 days later, on another Monday, to see that beauty as bland? Surely the object of your affection could not have changed that much. She still has the same shaped eyes. Her voice has always had that husky sound, but now it grates on you—she sounds like she needs an antibiotic. Or maybe you’re the one who needs an antibiotic, because the partner you once loved and cherished and saw as though saturated with starlight now feels more like a low-level infection, tiring you, sapping all your strength.

Studies around the

(Continued on page 44)
romance

"I'd do anything for you," whispers Blair Witherspoon to girlfriend Erica Hoskey. That includes giving her the Tweety Bird he won shooting baskets at the Butler County Fair in Pennsylvania. Sweet talk and gifts fuel romantic passion. But biochemists say this feverish stage of love typically burns out after a few years. Why? Perhaps the brain can't maintain the intense neural activity of infatuation.
bonding
Embraced by every culture, marriage sweeps up another couple at a wedding in Varese, Italy. Newlyweds may gush about perfect love, but to anthropologist Helen Fisher, pair-bonding is ultimately driven by the mating instinct, wired into the most primitive part of our brains. “Look at the joy of this man,” says Fisher. “He has just won the most important thing in his life: the opportunity to pass along his DNA.”
world confirm that, indeed, passion usually ends. Its conclusion is as common as its initial flare. No wonder some cultures think selecting a lifelong mate based on something so fleeting is folly. Helen Fisher has suggested that relationships frequently break up after four years because that's about how long it takes to raise a child through infancy. Passion, that wild, prismatic insane feeling, turns out to be practical after all. We not only need to copulate; we also need enough passion to start breeding, and then feelings of attachment take over as the partners bond to raise a helpless human infant. Once a baby is no longer nursing, the child can be left with sister, aunts, friends. Each parent is now free to meet another mate and have more children.

Biologically speaking, the reasons romantic love fades may be found in the way our brains respond to the surge and pulse of dopamine that accompanies passion and makes us fly. Cocaine users describe the phenomenon of tolerance: The brain adapts to the excessive input of the drug. Perhaps the neurons become desensitized and need more and more to produce the high—to put out pixie dust, metaphorically speaking. Maybe it's a good thing that romance fizzles. Would we have railroads, bridges, planes, faxes, vaccines, and television if we were all always besotted? In place of the ever-evolving technology that has marked human culture from its earliest tool use, we would have instead only bonbons, bouquets, and birth control. More seriously, if the chemically altered state induced by romantic love is akin to a mental illness or a drug-induced euphoria, exposing yourself for too long could result in psychological damage. A good sex life can be as strong as Gorilla Glue, but who wants that stuff on your skin?

Once upon a time, in India, a boy and a girl fell in love without their parents' permission. They were from different castes, their relationship radical and unsanctioned. Picture it: the sparkling sari, the boy in white linen, the clandestine meetings on tiled terraces with a fat, white moon floating overhead. Who could deny these lovers their pleasure, or condemn the force of their attraction?

Their parents could. In one recent incident a boy and girl from different castes were hanged at the hands of their parents as hundreds of villagers watched. A couple who eloped were stripped and beaten. Yet another couple committed suicide after their parents forbade them to marry.

Anthropologists used to think that romance was a Western construct, a bourgeois by-product of the Middle Ages. Romance was for the sophisticated, took place in cafés, with coffees and Cabernets, or on silk sheets, or in rooms with a flickering fire. It was assumed that non-Westerners, with their broad familial and social obligations, were spread too thin for particular passions. How could a collectivist culture celebrate or in any way sanction the obsession with one individual that defines new love? Could a lice-ridden peasant really feel passion?

Easily, as it turns out. Scientists now believe that romance is panhuman, embedded in our brains since Pleistocene times. In a study of 166 cultures, anthropologists William Jankowiak and Edward Fischer observed evidence of passionate love in 147 of them. In another study men and women from Europe, Japan, and the Philippines were asked to fill out a survey to measure their experiences of passionate love. All three groups professed feeling passion with the same searing intensity.

But though romantic love may be universal, its cultural expression is not. To the Fulbe tribe of northern Cameroon, poise matters more than passion. Men who spend too much time with their wives are taunted, and those who are weak-kneed are thought to have fallen under a dangerous spell. Love may be inevitable, but for the Fulbe its manifestations are shameful, equated with sickness and social impairment.

In India romantic love has traditionally been seen as dangerous, a threat to a well-crafted caste system in which marriages are arranged as a means of preserving lineage and bloodlines. Thus the gruesome tales, the warnings embedded in fables about what happens when one's wayward impulses take over.

Today love marriages appear to be on the rise in India, often in defiance of parents' wishes.
Studies around the world confirm that passion usually ends. No wonder some cultures think selecting a lifelong mate based on something so fleeting is folly.

The triumph of romantic love is celebrated in Bollywood films. Yet most Indians still believe arranged marriages are more likely to succeed than love marriages. In one survey of Indian college students, 76 percent said they’d marry someone with all the right qualities even if they weren’t in love with the person (compared with only 14 percent of Americans). Marriage is considered too important a step to leave to chance.

Renu Dinakaran is a striking 45-year-old woman who lives in Bangalore, India. When I meet her, she is dressed in Western-style clothes—black leggings and a T-shirt. Renu lives in a well-appointed apartment in this thronging city, where cows sleep on the highways as tiny cars whiz around them, plumes of black smoke rising from their sooty pipes.

Renu was born into a traditional Indian family where an arranged marriage was expected. She was not an arranged kind of person, though, emerging from her earliest days as a fierce tennis player, too sweaty for saris, and smarter than many of the men around her. Nevertheless at the age of 17 she was married off to a first cousin, a man she barely knew, a man she wanted to learn to love, but couldn’t. Renu considers many arranged marriages to be acts of "state-sanctioned rape."

Renu hoped to fall in love with her husband, but the more years that passed, the less love she felt. But, at the end, she was shrunk, bitter, hiding behind the curtains of her in-laws’ bungalow, looking with longing at the couple on the balcony across from theirs. "It was so obvious to me that couple had married for love, and I envied them. I really did. It hurt me so much to see how they stood together, how they went shopping for bread and eggs."

Exhausted from being forced into confinement, from being swaddled in saris that made it difficult to move, from resisting the pressure to eat off her husband’s plate, Renu did what traditional Indian culture forbids one to do. She left. By this time she had had two children. She took them with her. In her mind was an old movie she'd seen on TV, a movie so strange and enticing to her, so utterly confounding and comforting at the same time, that she couldn’t get it out of her head. It was 1986. The movie was Love Story.

"Before I saw movies like Love Story, I didn’t realize the power that love can have," she says.

Renu was lucky in the end. In Mumbai she met a man named Anil, and it was then, for the first time, that she felt passion. "When I first met Anil, it was like nothing I’d ever experienced. He was the first man I ever had an orgasm with. I was high, just high, all the time. And I knew it wouldn’t last, couldn’t last, and so that infused it with a sweet sense of longing, almost as though we were watching the end approach while we were also discovering each other."

When Renu speaks of the end, she does not, to be sure, mean the end of her relationship with Anil; she means the end of a certain stage. The two are still happily married, companionable, loving if not "in love," with a playful black dachshund they bought together. Their relationship, once so full of fire, now seems to simmer along at an even temperature, enough to keep them well fed and warm. They are grateful.

"Would I want all that passion back?" Renu asks. "Sometimes, yes. But to tell you the truth, it was exhausting."

From a physiological point of view, this couple has moved from the dopamine-drenched state of romantic love to the relative quiet of an oxytocin-induced attachment. Oxytocin is a hormone that promotes a feeling of connection, bonding. It is released when we hug our long-term spouses, or our children. It is released when a mother nurses her infant. Prairie voles, animals with high levels of oxytocin, mate for life. When scientists block oxytocin receptors
attachment

What's kept Emily and Marion Grillot married for 58 years? It may be the bond forged by having children—20 of them, plus 77 grandkids, many pictured in the Grillots' Ohio home. It could be the calming effect of oxytocin, a chemical thought to be plentiful in long-term couples. For Mr. Grillot, a farmer, "it's our commitment and concern for one another. Some call it love."
in these rodents, the animals don’t form monogamous bonds and tend to roam. Some researchers speculate that autism, a disorder marked by a profound inability to forge and maintain social connections, is linked to an oxytocin deficiency. Scientists have been experimenting by treating autistic people with oxytocin, which in some cases has helped alleviate their symptoms.

In long-term relationships that work—like Renu and Anil’s—oxytocin is believed to be abundant in both partners. In long-term relationships that never get off the ground, like Renu and her first husband’s, or that crumble once the high is gone, chances are the couple has not found a way to stimulate or sustain oxytocin production.

“But there are things you can do to help it along,” says Helen Fisher. “Massage. Make love. These things trigger oxytocin and thus make you feel much closer to your partner.”

Well, I suppose that’s good advice, but it’s based on the assumption that you still want to have sex with that boring windbag of a husband. Should you fake-it-till-you-make-it?

“Yes,” says Fisher. “Assuming a fairly healthy relationship, if you have enough orgasms with your partner, you may become attached to him or her. You will stimulate oxytocin.”

This may be true. But it sounds unpleasant. It’s exactly what your mother always said about vegetables: “Keep eating your peas. They are an acquired taste. Eventually, you will come to like them.”

But I have never been a peas person.

It’s 90 degrees on the day my husband and I depart, from Boston for New York City, to attend a kissing school. With two kids, two cats, two dogs, a lopsided house, and a questionable school system, we may know how to kiss, but in the rough and tumble of our harried lives we have indeed forgotten how to kiss.

The sky is paved with clouds, the air as sticky as jam in our hands and on our necks. The Kissing School, run by Cherie Byrd, a therapist from Seattle, is being held on the 12th floor of a rundown building in Manhattan. Inside, the room is whitewashed; a tiled table holds bottles of banana and apricot nectar, a pot of green tea, breath mints, and Chapstick. The other kissing School students—sometimes they come from as far away as Vietnam and Nigeria—are sprawled happily on the bare floor, pillows and blankets beneath them. The class will be seven hours long.

Byrd starts us off with foot rubs. “In order to be a good kisser,” she says, “you need to learn how to do the foreplay before the kissing.” Foreplay involves rubbing my husband’s smelly feet, but that is not as bad as when he has to rub mine. Right before we left the house, I accidentally stepped on a diaper the dog had gotten into, and although I washed, I now wonder how well.

“Inhale,” Byrd says, and shows us how to draw in air.

“Exhale,” she says, and then she jabs my husband in the back. “Don’t focus on the toes so much,” she says. “Move on to the calf.”

Byrd tells us other things about the art of kissing. She describes the movement of energy through various chakras, the manifestation of emotion in the lips; she describes the importance of embracing all your senses, how to make eye contact as a prelude, how to whisper just the right way. Many hours go by. My cell phone rings. It’s our babysitter. Our one-year-old has a high fever. We must cut the long lesson short. We rush out. Later on, at home, I tell my friends what we learned at Kissing School: We don’t have time to kiss.

A perfectly typical marriage. Love in the Western world.

Luckily I’ve learned of other options for restarting love. Arthur Aron, a psychologist at Stony Brook University in New York, conducted an experiment that illuminates some of the mechanisms by which people become and stay attracted. He recruited a group of men and women and put opposite sex pairs in rooms together, instructing each pair to perform a series of tasks, which included telling each other personal details about themselves. He then asked each couple to stare into each other’s eyes for two minutes. After this encounter, Aron found
Novelty triggers dopamine in the brain, which stimulates feelings of attraction.

So riding a roller coaster on a first date is more likely to lead to second and third dates.

Most of the couples, previously strangers to each other, reported feelings of attraction. In fact, one couple went on to marry.

Fisher says this exercise works wonders for some couples. Aron and Fisher also suggest doing more things together, because novelty triggers dopamine in the brain, which can stimulate feelings of attraction. In other words, if your heart turns in his presence, you might decide it's not because you're anxious but because you love him. Arounding this a step further, Aron and others have found that even if you just jog in place and then get someone, you're more likely to think they're attractive. So first dates that involve a nerve-wracking activity, like riding a roller coaster, are more likely to lead to second and third dates. That's a strategy worthy of posting on Match.com. Try some squash. And in times of stress—aural disasters, blackouts, predators on the owl—lock up tight and hold your partner.

In Somerville, Massachusetts, where I live with my husband, our predators are primarily mosquitoes. That needn't stop us from trying to see the windows of each other's soul. When I propose this to Benjamin, he raises an eyebrow.

"Why don't we just go out for Cambodian food?" he says.

"Because that's not how the experiment happened."

As a scientist, my husband is always up for an experiment. But our lives are so busy that, in order to do this, we have to make a plan. We will test next Wednesday at lunchtime and try the experiment in our car.

On the Tuesday night before our rendezvous, I had to make an unplanned trip to New York. My husband is more than happy to forget our date. I, however, am not. That night, from my hotel room, I call him.

"We can do it on the phone," I say.

"What am I supposed to stare into?" he asks. The keypad?

"There's a picture of me hanging in the hall. Look at that for two minutes. I'll look at a picture I have of you in my wallet."

"Come on," he says.

"Be a sport," I say. "It's better than nothing."

Maybe not. Two minutes seems like a long time to stare at someone's picture with a receiver pressed to your ear. My husband sneezes, and I try to imagine his picture sneezing right along with him, and this makes me laugh.

Another 15 seconds pass. Slowly, each second stretched to its limit so I can almost hear time, feel time, its taffy-like texture, the pop it makes when it's done. Pop pop pop. I stare and stare at my husband's picture. It doesn't produce any sense of startling intimacy, and I feel defeated.

Still, I keep on. I can hear him breathing on the other end. The photograph before me was taken a year or so ago, cut to fit my wallet, his strawberry blond hair pulled back in a ponytail. I have never really studied it before. And I realize that in this picture my husband is not looking straight back at me, but his pale blue eyes are cast sideways, off to the left, looking at something I can't see. I touch his eyes. I peer close, and then still closer, at his averted face. Is there something sad in his expression, something sad in the way he gazes off?

I look toward the side of the photo, to find what it is he's looking at, and then I see it: a tiny turtle coming toward him. Now I remember how he caught it after the camera snapped, how he held it gently in his hands, showed it to our kids, stroked its shell, his forefinger moving over the scaly dome, how he held the animal out toward me, a love offering. I took it, and together we sent it back to the sea. □

HOW PRACTICAL IS ROMANCE when choosing a lifelong mate? Can a relationship last when friendship replaces passion? Share your thoughts in our forum. Then get a global tour of love with photographer Jodi Cobb at ngtm.com/0602.