We take the bs out of bbs. More anticipated than a Star Wars movie, here’s the next issue of B magazine. Read about Yale’s grand plans for building and renovations. Get some pointers on lab etiquette. Enjoy an insightful essay about life in graduate school. And find your soul mate in the personal ads. All this and more, in the only student publication written by and for the biological sciences community.

The Building Blocks of Science An Investigative Report

BY C. MILLE

Genesis In early January 2000, Yale announced a $500 million commitment over the next decade to renovate and expand Science Hill facilities. This initiative was led by a $24 million gift from John Malone ’63 of Liberty Media Corporation for a new engineering building and was followed a month later by the announcement of an additional $500 million commitment to renovate and expand science facilities at the Medical School. Later the same year, members of the Class of 1954 came forward with a $70 million contribution to the Science Hill projects.

Now over two years into these initiatives, construction is well underway both on Science Hill and the Medical School. In the midst of all this, BBS students may be wondering about the status of the planning and construction and—ultimately—whether and how they will benefit from the building boom for sciences. This article, focusing on Science Hill renovation and construction, is the first of two which will examine Yale’s dual $500 million initiatives.

Science Hill—Remodel, build & organize

Even before construction on new buildings began, renovations were underway. In Fall 2000, work finished on the Prospect Street wing of Osborn Memorial Laboratory (OML). This project completely renovated the MCDB labs in the building and the associated infrastructure. The Office of Public Affairs reported in a news release that renovations were also planned for the Gibbs Labs and existing chemistry and physics facilities.

Currently, the most-active renovations are happening in Kline Biology Tower (KBT). These renovations aim to upgrade several parts of KBT’s infrastructure. According to MCDB Facilities Manager Carol Hwang, replacing KBT’s air handling units is one of the major goals.

The KBT cafeteria will be hit especially hard by the air handling system upgrades. Extensive ductwork and a lack of air conditioning means that the cafeteria will be closed this summer from May 24th until August 26th. Coincidentally, the nearby School of Management dining hall will also be closed this summer. For those of you in the Science Hill lunch crowd: get used to bringing your lunch during this time.

The good news, however, is that...
Two Tales of One City

A. Sleeper

If you’re familiar with Maslow’s hierarchy of needs, you know that basic needs for food and housing must be met before higher functioning such as self-actualization can occur. The time I’ve spent in New Haven reminds me of this concept. I’ve already complained to you about the difficulties of being a renter in New Haven (B magazine, Spring 2001). Housing difficulties have certainly contributed to my initially tepid estimate of this city. Yet having been happily settled for over a year now, I’m starting to find the time to focus on other, more positive, aspects of New Haven. Though I maintain that New Haven still has its share of troubling issues, I’ve discovered merits that help to compensate and which make this a unique and even pleasurable city in which to spend my graduate career.

I sometimes feel delusional in describing New Haven as a city. Geographically speaking, New Haven is small. I am able to walk from my apartment near East Rock to the medical school across town in about half an hour. But this is part of New Haven’s ironic charm. It combines a mix of big-city and small-town attributes on a manageable scale. If I walk in one direction I can find theater, music, and museums. There is a plethora of good restaurants covering a wide range of ethnicities: Italian, Thai, French, Malaysian, and more. In the other direction New Haven is almost another world with the peaceful courtyards of Yale buildings and the more ethereal paths and stream of New Haven parks, complete with the occasional swan floating indolently along as I jog past.

Some say New Haven has improved over the past few years. Indeed, the city has devoted a fair amount of attention to renovation. For instance, the Broadway area has improved even in the time I have been here. New stores such as Urban Outfitters and J. Crew have opened alongside the Yale Bookstore, and the flowers outside Gourmet Heaven are a particular favorite of mine. The Chapel Square Mall will undergo renovations this summer by a high-end developer, and new bars and clubs have been popping up around the city. Neat, Risk, and the Playwright (with its delightfully incongruous decorator of a cathedral alongside beer taps and bottles of liquor). All of this should help revitalize parts of the city that needed attention.

Summer in New Haven has its own merits. The Festival of Arts and Ideas brings a wide variety of New Haven citizens together. The New York Metropolitan Opera’s concert on the Green casts a magic of its own. In this unique outdoor setting, it seems as if Puccini had included a voice for the crickets within his string scores. And Shakespeare in the Park, along with a blanket, picnic basket, friends and the stars, is a perfect way to pass one of the final warm and lazy evenings of the summer.

Beyond New Haven are some additional charms that I’ve discovered. Bishop’s Orchards in Guilford offers fruit picking from the spring into the fall: strawberries, blueberries, raspberries, peaches, pears, apples and pumpkins. And, surprisingly, CT has a fair number of vineyards along the CT Wine Trail. I have found a favorite that sells award-winning ports and provides personalized labeling for larger orders. There are also a fair number of state parks and beaches in the area that offer a change of scenery if you’re looking for a convenient day trip.

I’ve come to believe that New Haven’s harsh reputation poorly reflects the reality of daily life here. Every city has its problems, and attimes New Haven seems to present surprising number of them for a city this size. But I’ve learned to recognize a richness in its many virtues; and out of this I’ve found a balance. I’m sure we all have discovered our own gems and guest writers in the BBS community. The views expressed herein are those of the author.
units for several floors have already been replaced and by the end of summer all floors with laboratories should be upgraded. For years, climate control in KBT has been notoriously bad, leaving occupants of one lab freezing while their neighbors swelter. Hopefully, this phase of the renovations will put an end to climate control concerns in KBT.

Another goal is repairing masonry inside the KBT parapet. Hwang noted that much of the exterior of KBT, including certain entrances, will be barricaded for at least part of the summer. This is to protect passers-by from falling masonry debris and anything that might fall from the recently-installed roof hoist while it operates.

The final phases of renovations will continue into the coming school year. Non-laboratory office space on lower floors will be switched over to the new air handling systems later in the summer. Fume hood fan replacements were also scheduled for this summer, but this has been delayed by engineering difficulties and thus will continue into the fall.

If you were hoping that the renovations would dramatically change the appearance of KBT, you will probably be disappointed. The appearance of KBT will remain the same, with perhaps a few touch-ups in a few places. Hwang explained that this is because the renovations focus on KBT’s infrastructure. The renovations are also administratively separate from laboratory renovations that have occurred as new principal investigators move into KBT.

The majority of changes to Science Hill are yet to come, however. The physical impact of spending $500 million will have a dramatic effect on the layout of Science Hill. In addition to the aforementioned renovations of existing facilities, plans call for construction of new buildings.

The first building project on Science Hill, The Class of 1954 Environmental Science Center (ESC), was dedicated on October 26, 2001. About half of the building helps the Peabody Museum manage its collections, while the other half consists of space for students and faculty in the Ecology and Evolutionary Biology, Anthropology, Geology and Geophysics Departments, and the School of Forestry and Environmental Sciences. Facing Sachem Street, this facility connects to the neighboring Kline Geology Laboratory and Peabody Museum [2, 6]. Major funding came from the Class of 1954’s gift, for which the building is named, and from Yale Corporation member Edward P. Bass ’68 through his support of environmental sciences at Yale [2].

New buildings for Forestry and Environmental Sciences, Chemistry, Engineering, Molecular Cellular and Developmental Biology, and an Environmental Science Center will be built—this much is certain. Issues of when these buildings will be finished and where they will be are less certain, however.

The next building to be built may be the new chemistry facility. This new facility is also receiving significant funding from the Class of 1954 gift. Sterling and Kline Chemistry Labs will be renovated in addition to construction of the new building. The new building for the engineering departments may follow shortly after that since a major donor has been announced. Looking farther into the future, plans call for a Forestry and Environmental Science building to complete the quadrangle formed by Sage Hall, OML, and the new ESC. Plans also call for a new building for the MCDB department, but some faculty feel that it may be quite awhile before such a building is built, suggesting that most current graduate students will probably have graduated before it is finished.

The final layout of Science Hill is also uncertain. When the Science Hill $500 million initiative was announced, officials spoke of arranging the new buildings to create an “Environmental Campus” and a “Molecular Campus.” The “word on the street” suggests that the new chemistry building will be located near the corner of Prospect St. and Edwards St. and the new MCDB building will probably be built in the parking lot of front of Gibbs Labs.

An employee of the University Planning Services office confirmed that the Gibbs parking lot area is one site under consideration for the new MCDB building, but emphasized that the plan for Science Hill is still developing. Thus, the vision of an “Environmental Campus” and a “Molecular Campus” on Science Hill may be an oversimplification of what will finally happen.

Regardless of what comes to pass, the proverbial wheels of progress are turning. Much-needed renovations to OML have been made, the first office new buildings is up and running, and infrastructure renovations are well underway in KBT.

“But what’s going on down at the Med School?” you ask. Find out in the July issue of B! &
And the award goes to...

Congratulations are in order to all of the geniuses below who won prestigious honors this past semester.

**First Year Students**
- **Mitch Kandel**, Cell Biology and Molecular Physiology Track
  Heyl Fellowship
- **Bian Dunn**, Cell Biology and Molecular Physiology Track
  National Science Foundation Fellowship
- **Renata MacKay**, Immunology Track
  NIH National Research Service Award
- **Scott Boyle**, MB&B Track
  National Science Foundation Fellowship
- **Kiresimir Letinic**, Neuroscience Track
  Howard Hughes Medical Institute Fellowship

**Second Year Students**
- **Michelle Gill**, MB&B
  National Science Foundation Fellowship
- **Josh Weinger**, MB&B
  National Science Foundation Fellowship
- **Gillian Hooker**, MCDB
  National Science Foundation Fellowship

**Sixth Year Students**
- **Giovanna Stetina**, MCDB
  John SpanglerNicholas Prize
- **Michael Baszak**, MCDB
  John SpanglerNicholas Prize

*The estate of Prof. J.S. Nicholas, a member of the Dept. of Zoology for many years and its chairman from 1946-56, makes provision for an annual award for the best doctoral dissertation in experimental zoology. The award is voted by the MCDB departmental faculty and is accompanied by a cash award.

**Pet Peeves in the Lab**

Whether it's leaving stacks of dirty dishes by the sink or depleting your desperately needed reagents, everybody's got them—Pet Peeves. To help us all get along in the lab, I've catalogued below some of the more prevalent issues we all need to be aware of in our lives at the bench.

**Treat all lab members with the same respect as you would the PI.** This is the most important rule, upon which all the others are based.

**Clean up after yourself!** Put buffers and reagents back where they belong. Wipe down common bench space and equipment. Cover microscopes.

**Clean your dishes as soon as you can** if you're in a hurry to catch the bus or get to class, to make sure you let someone know that you'll clean them when you return. If someone else washes your dishes for you, make it up to them by returning the favor another time. Don't assume that your help with experiments makes up for their doing your dishes unless explicitly agreed upon; most people don't equate the two.

**Replace buffers** when stock buffers run low, replenish them. Don't wait for the buffers to run out, for someone else is bound to need them soon.

**Restock supplies**. When supplies run low, get new stuff. Be sure to place orders in plenty of time for them to arrive before the old stock runs out. Again, no one wants to have to put an experiment on hold because you used needed supplies.

**Don't move someone else's reagents or equipment without letting them know where you have put them.**

**Label things.** Any buffer or reagents should be labeled clearly enough to pass a safety inspection. This is especially important if you're going to leave something unattended on a stir plate.

**Always ask before using someone else's personal supplies.** Particularly if the materials are from someone else's lab.

**Don't hog computers.** When using a shared computer, don't monopolize the computer doing non-lab-related tasks. When you're done (or leaving for more than 20 minutes), close all programs and take your stuff with you. Only use one computer at a time. If you absolutely must leave, programs open... leave a note.

**Stay near the phone if you're expecting a call.** Don't leave the area surrounding the phone if you know someone is going to call you right back. If you must, make sure people know where you are so they don't have to hunt for you.

**Don't let the timer beep.** If you leave the room, take your timer with you. No one else is interested in when your incubation is over, but you should be. If you're actually next to your timer, don't let it beep for its full 60 seconds. Three will suffice to alert you that it's not joking.

**Respect the music.** Ask permission from others in the lab before turning the radio on or off, or changing the station or CD. In general, people who want peace and quiet because they need to concentrate should get priority over people who prefer music while they work.

**Resolve conflict diplomatically.** When things bother you, address the problem immediately; don't let your feelings fester. Also, first attempt to resolve the problem directly with the person involved, and don't talk about the issue with everyone else in lab (particularly the PI). Remember that you're probably partially at fault in every conflict.

**Practice good interpersonal communication.** Speak politely to people. Don't interrupt conversations or trains of thought. When asking someone a question, don't assume they're privy to your thoughts. Explain the background/rationale for a question before asking it; the person you're asking is likely thinking of something completely different and won't immediately understand what you're asking or why you're asking it. This could lead to inappropriate advice.

These are just a few of the many pet peeves BBS students may have. What are yours? Write to B and let us know what you think people shouldn't be doing in lab!

**By M. Akpin**

---

**Have you had a great experience with local on repair?** If so, please forward the name of the establishment, any contact person there who was helpful, the location and what they worked on to Elayne Provost at elayne.provost@yale.edu.
**OUTTA HERE!**

Congratulations to everyone who recently defended their dissertations. Now maybe we’ll have room for the humongous incoming class! (See The BUZZCOLUMN on page 12.)

### Cell Biology

<table>
<thead>
<tr>
<th>Name</th>
<th>Advisor</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cynthia Leclerc Turcotte</td>
<td>Carl Hashimoto</td>
<td>A Structure-Function Analysis of Nudel, a Protein Required for Drosophila Dorsoventral Polarity</td>
</tr>
<tr>
<td>Reed Kelso (Lynn Cooley)</td>
<td></td>
<td>Identification and Characterization of Proteins Involved in Ring Canal Morphogenesis</td>
</tr>
<tr>
<td>Marc Schwartz (David Stem)</td>
<td></td>
<td>FHA Domain-mediated Regulation of Rad53 by DNA Checkpoint Pathways in Saccharomyces cerevisiae</td>
</tr>
</tbody>
</table>

### Experimental Pathology

<table>
<thead>
<tr>
<th>Name</th>
<th>Advisor</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Karl Haglund (John Rose)</td>
<td></td>
<td>Generation of High-Level Cytotoxic T-lymphocyte Responses to Human Immunodeficiency Virus Proteins using Live Reombinant Viruses</td>
</tr>
</tbody>
</table>

### Genetics

<table>
<thead>
<tr>
<th>Name</th>
<th>Advisor</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wei Yi Wang (Tian Xu)</td>
<td></td>
<td>Structure and Function Analysis of the Kuzbanian Metalloprotease</td>
</tr>
<tr>
<td>Karin Finberg (Richard Lipton)</td>
<td></td>
<td>A Tale of Two Species: H+-ATPase B1 Subunit Mutation in Human Disease and a Mouse Model</td>
</tr>
<tr>
<td>Kanya Suphaseetiporn (Allen Bale)</td>
<td></td>
<td>Functional Studies of the Multiple Endocrine Neoplasia Type 1 (MEN1) Gene</td>
</tr>
<tr>
<td>Dawn Mattoon (Dan DiMaio)</td>
<td></td>
<td>Genetic and Biochemical Analysis of the BPV E5 Protein and its Interaction with the PDGF Beta Receptor</td>
</tr>
</tbody>
</table>

### MB&B

<table>
<thead>
<tr>
<th>Name</th>
<th>Advisor</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abhijit A. Pateli (Joan Steitz)</td>
<td></td>
<td>The Splicing of U12-type Introns is a Rate-limiting Step in Gene Expression</td>
</tr>
<tr>
<td>Daniel Battle (Jennifer Doudna)</td>
<td></td>
<td>Molecular Recognition of RNA</td>
</tr>
</tbody>
</table>

### INP

<table>
<thead>
<tr>
<th>Name</th>
<th>Advisor</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jennifer Chao (Eric Nesterl)</td>
<td></td>
<td>Characterization of the Mouse Adenylyl Cyclase Type VIII Gene Promoter: Regulation by cAMP and CREB</td>
</tr>
<tr>
<td>Tamara Shaw (Eric Nesterl)</td>
<td></td>
<td>Transcription Factors in Drug Addiction: Mapping the Roles of CREB and deltaFosB in Neuroadaptation Following Chronic Drug Administration</td>
</tr>
<tr>
<td>Scott Floyd (Pietro De Camilli)</td>
<td></td>
<td>Amphiphysin: An Aptly Named Molecule?</td>
</tr>
<tr>
<td>Chou Hung (Anna Roe)</td>
<td></td>
<td>Brightness Computation and Inherent Biases in Cortical Circuity</td>
</tr>
<tr>
<td>Shari Bimbaum (Amy Arnsten)</td>
<td></td>
<td>The Effect of the Protein Kinase Cintracellular Signaling Pathway on Prefrontal Cognitive Function During Stress: Potential Relevance for Bipolar Disorder</td>
</tr>
<tr>
<td>Keith Shafritz (Bennet Shaywitz)</td>
<td></td>
<td>The Functional Neural Correlates of Attention in ADHD and Normal Adolescents</td>
</tr>
</tbody>
</table>

### MCDB

<table>
<thead>
<tr>
<th>Name</th>
<th>Advisor</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Giovanna Serino (Xing-Wang Deng)</td>
<td></td>
<td>Molecular and Functional Analysis of the COP9 Signalosome in Arabidopsis</td>
</tr>
<tr>
<td>Jianli Yuan (Peter Glazer)</td>
<td></td>
<td>Mutagenesis Induced by the Tumor Microenvironment: Implications of Increased DNA Damage and Diminished DNA Repair</td>
</tr>
<tr>
<td>Michael Buszczak (Lynn Cooley)</td>
<td></td>
<td>Studies on Developmental Transitions During Drosophila Oogenesis</td>
</tr>
<tr>
<td>Heidi Auman (Trevor Williams)</td>
<td></td>
<td>Studies of AP-2 Gamma Mouse Mutants: Genetic Insight into Placental Development</td>
</tr>
</tbody>
</table>

### Molecular Recognition

<table>
<thead>
<tr>
<th>Name</th>
<th>Advisor</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jodi Lubetsky (Elias Lolis)</td>
<td></td>
<td>Investigations of the Catalytic Active Site of Macrophage Migration Inhibitory Factor</td>
</tr>
<tr>
<td>James M. Vergis (Peter Beardsley)</td>
<td></td>
<td>Oligomeric State Studies and Cyclohydrolase Catalytic Mechanism of the Bifunctional Protein ATIC</td>
</tr>
<tr>
<td>Fang Li (Thomas Steitz)</td>
<td></td>
<td>Biochemical and Structural Studies of DNA Polymerase I and CCA-Adding Enzymes</td>
</tr>
<tr>
<td>Frederick Wilson (Richard Lifton)</td>
<td></td>
<td>Mutations in WNKKinases Cause Human Hypertension</td>
</tr>
<tr>
<td>Niamh Cahill (Joan Steitz)</td>
<td></td>
<td>Protein Distribution of a Box C/D SnoRNA as Revealed by Site-specific Crosslinking</td>
</tr>
</tbody>
</table>

**continued on page 6**
Adrian S. Ray (Karen Anderson)  
Mechanistic Understanding of Nucleoside Inhibitors of Human Immunodeficiency Virus

Pharmacology
Kamilah Ali (Dieter Soll)  
Bacillus Stearothermophilus Tryptophanyl-RNA Synthetase: Mutations Leading to Indolmycin Resistance

Jason Fontana (William Sessa)  
Characterization of the Interaction between Endothelial Nitric Oxide Synthase and Heat Shock Protein 90: Implication for eNOS Activation and Nitric Oxide Release

Daniel O'Connor (Dario Altieri)  
Survivin Phosphorylation Regulates a Novel Apoptotic Checkpoint at Mitosis

Christopher Verrico (Robert Roth)  
Cannabinoid Induced Cognitive Impairment: A Role for Prefrontal Cortical Dopamine and Acetylcholine
Students in Press
December 2001 through May 2002

prodigious adj. 1. producing abundant works or results. 2. the quality or state of being a Yale graduate student.

Cell Biology


Genetics


continued on page 8
With Eyes Wide Open
Reflections of a graduate student By B. Dow

This article was originally to be entitled “Science or Nature?” and was meant to inform the reader of interesting hikes and day trips for the upcoming spring and summer months. I planned to describe the Yale Outdoors Club and highlight some of the great events they sponsor. I particularly wanted to offer some alternatives to students like myself who grudgingly pull into the lab parking lot on Saturday and Sunday mornings.

On this Saturday my plan was to head into lab and do some non-critical work while researching fun and interesting places to tell the reader about, but then had a change of heart. Maybe I should actually visit some other places I was going to advertise. I decided upon the Appalachian Trail in northwestern CT, and after mapping out the most efficient trail, I hit the road. I drove with purpose, ignoring the picturesque towns, antique shops, graceful fly fishermen, and scenic waterfalls along the way. You see, I had to make it to the trailhead under my self-imposed limit of two hours, because as a grad student, I obviously had to get back to lab at some point in the day.

I reached the trailhead right on schedule, tightened my boots, and ascended quickly and deliberately toward my goal, Rand’s View atop the offshoot to the AT. My focus was downward, being careful not toumble on the rocks and exposed roots. Again, time was important, and I had to be at the top of the two and a half-hour hike time reported in the guidebook by at least one hour. I made good time on this relatively mild ascent, and stopped to enjoy the view for a brief moment. As I stood level with the tops of the trees emerging from the emerald sea before me, I noticed a large ravine to my right, its lichen-covered rocks descending thirty feet below. I was looking at the inside of a crevice. How could I have missed this on the ascent?

I immersed myself in the grass, using my water bottle as a makeshift pillow, and looked over the emerald sea before me. Oddly, instead of packing up that memory with the rest of my gear and beginning the descent back to my car, I stayed. Gradually, I began to notice the erratic flight of white moths hovering over the grass, the singing of countless birds both visible and unseen, and the meandering voyage of seed pods caught in the wind. After some time, I reluctantly headed to the trail. Knowing that the impression I had made in the grass would be gone far sooner than the impression it had made upon me, I climbed further, and then stepped out of the world and into the clearing. I had walked onto a hilltop field, perched above an expansive valley that was gently guarded by the Wetauwanchu and Bear mountains. I half-expected Julie Andrews to burst out of the woods and into song.

My goal from the outset, like many others, has been to finish grad school in five years with a dissertation of great scientific import. While I’m not suggesting that grad school life is altogether horrid, the film did propel me to investigate whether some of my consternation about the view of reality that he alone had created. While I’m not suggesting that grad school life is altogether horrid, I’m not suggesting that grad school life is altogether horrid. While I’m not suggesting that grad school life is altogether horrid. While I’m not suggesting that grad school life is altogether horrid.

It was then that I began to think about a movie I had rented the previous week – Abre Los Ojos (Open Your Eyes). In the film, a man gripped by certain trepidations in his life is thrown into a horrid series of events. As it turned out, that might be real, but rather a view of reality that he alone had created. While I’m not suggesting that grad school life is horrid, the film did propel me to investigate whether some of my consternation about the degree process were a reality or self-construction. I often receive emails from the Outdoors Club inviting anyone in the Yale community to join them on hikes, paddles or even a recent chili cook-off. While these are exactly the kind of fun diversions that I’m interested in, I’ve only attended one event in three years! I wondered if the majority of our readers would actually partake in any of the short summer diversions. I was supposed to write about, or would they rather keep moving along the path, eyes focused downward. Was the rather isolating lab environment and the archa-
type of a laser-focused Yale student unremitting in his/her pursuit of a degree factual or self-fabricated? Like my failure to see so much during my ascent, were there allegorical discoveries that had rushed past during graduate school?

My goal from the outset, like many others, has been to finish grad school in five years with a dissertation of great scientific import. I know of students who are married with children or involved in student cultural groups that seem to manage a life outside the lab, yet I’m often hesitant to commit to plans more than a couple hours in advance. You see, completing an experiment that night instead of the following morning, over the course of a year, can lead to substantial time saved. There is no doubt this is true, but I’m beginning to realize that going to a concert or an “In the Company of Scholars” lecture could invigorate my spirits after a disappointing result, not just add two hours to the ledger of graduate school. In short, traversing through the graduate school “forest” with both eyes open would be a far more enlightening experience than plodding along the scientific sidewalk afraid to step on a crack. Who knows, by interacting more with my surroundings, I just might find a shortcut.

I returned to the car shortly after my epiphany at the ravine. Along this homeward route, I saw a sign pointing towards a wooden covered bridge remaining from the Colonial era, and after initial hesitation, I turned the car around to investigate. I drove through the enclosed structure and into a sleepy New England town closing up for the afternoon. I then stopped along the Housatonic to watch a group of flyfishermen, waist deep in the rushing water. I heard the reeds whisper as they moved forward and aft—the brightly colored lines and flies racing to catch up. I talked with a man who, along with his three grown sons and family of Springer spaniels, traveled here every weekend to fish during the summers. I made a final stop at Kent Falls, the same falls I ignored on the drive up, and slowly walked beside it to listen and watch. As I got back in the car and drove peacefully home, I realized how much more memorable the experience, and how much more I had learned, when I slowed down and participated in the world around me. And it didn’t really matter whether I made it back by nine or ten p.m. I still hope to graduate in five years, but the path ahead looks a lot more interesting.

Do you know of any fun places to go for day trips? If so, send your ideas to bmail@yale.edu, and we’ll review the place. Better yet, write your own review, and we’ll publish it in the July issue of B magazine!

The appindwads on the Connecticut River. Photo courtesy of B. Shansky and M. Akins.
My adviser is never around. I'm pretty independent in the lab, but shouldn't I be at least a little bit concerned by his absence?

Dear Unsure,

In reality, faculty are no more than sugar daddies and sugarmommas. That's it. That's the only reason why we keep them here. As long as they keep the lab flush with cash and continue to bankroll those stipend checks, who cares where they are or what they're doing?

Hey! When are you guys going to come out with a swimsuit issue?!

Dear All Eyes,

I'd call you crude and insensitive, but we're hoping to make a lot of money off of people like you with our Victoria's Secret lab wear catalog. If it's a hit, the swimsuit issue won't be far behind.

Why does the President of Yale live in such a big house?

Dear Concerned,

I'd call you crude and insensitive, but we're hoping to make a lot of money off of people like you with our Victoria's Secret lab wear catalog. If it's a hit, the swimsuit issue won't be far behind.

Pharmacology


Dear A

What does it take to get tenure at Yale?

Dear Curious,

Some people say it's politics that gets you the big prize. Others say it's publications or lots of grants. But what really takes is a personality disorder. The more severe the disorder, the greater the likelihood of tenure. Makes you wonder what it takes to become a chairman.

Dear B

Gota problem? Got questions? Just ask B. (Advice is for entertainment purposes only, and you have only yourself to blame if you follow any of the stupid suggestions.)
NYC on a Dime (well, ok, maybe a few dimes)
By B. SHANK

Part II: Ok, so it's been 5 months since we published Part I of "NYC on a Dime." Wattaya gon na do? Last time, I discussed how to get to NY, how to get around once you're there, and how to have fun on a limited budget. Now it's time to point out the better places to eat, drink, and shop. I can't always promise low prices, but can promise a good time.

Eating and Drinking: As an alum, I've got to give a little plug to the Columbia University area, also known as Morningside Heights. First off, H & H can take a hike; by far the best bagels in the world come from Columbia Hot Bagels (8th way at 110th), which is open 24 hrs and always has something hot. Don't ask them to toast it through; they get insulted. If it's a sweeter taste you're craving, head over to the Hungarian Pastry Shop at Amsterdam and 111th, where you can join the pseudo-intellectual set (don't forget your black turtleneck) as you drink your bottomless cup of coffee (50 cents) and munch on ultra-yummy cookies. At 4pm, don't miss happy hour at 1020 (Amsterdam at 110th), with $1.50 drafts (and I mean any draft, not just Bud Light) and some seriously good pool players.

Below is a quick rundown of my other favorite wallet-friendly hangouts in the city.

Best Little Italy experience: Don't ask for a menu at La Mela (Mulberry St. at Grand), just tell them you want the pasta. While you're waiting, a man moves about the restaurant crooning "Unforgettable" and "That's Amore." You will soon be served a huge platter filled with three different pasta dishes, all for a wee $6 a person. They also throw a huge bottle of wine on the table and charge you for whatever you drink, ~$3 a glass. If you're lucky, they'll write up your check and then refill your glass. Be warned, this is a loud place. Loud patrons, loud staff, loud décor. But if this high energy you're after, just join the party!

Best Place to Go Anytime (literally): Filled with kitschy paraphernalia like Elvis busts and Jesus lamps, Yafa Café (8th St. between 1st Ave. and Ave. A) is just about my favorite place to go, period. It's open 24 hrs, so whether you need a snack after bar-hopping in the East Village or wanta tástebunche on the weekends, it just can't be beat. They have an enormous menu that's shocking in inexpensiveness (almost everything is well under $10) as well as a good beer selection.

Best Snack: Forget the pretzel vendors. If you're anywhere near Pommes Frites (2nd Ave. at 7th St.), go get a style-good cone filled with fresh-from-the-deep-fryer french fries. As is also customary of the euro-fry experience, they have about 30 sauces in which to drown each one. My favorite is the peanut satay, but if you're feeling frugal, ketchup is free.

Best Bar, not trendy: While their happy hour specials can't rival 1020's, The Edge (3rd St at 1st Ave.) is my favorite afternoon bar. It's got a good pool table, several dart boards, and a jukebox filled with 80's music. The crowd there is laid back and unpretentious (hard to come by in the East Village), and the bartenders are your best friends in minutes.

Best Bar, semi-trendy: Right on the corner of SoHo, East Village, and NoLita, Botanica (Houston St. Mulberry) is more hip than The Edge, but without any of the attitude you'd find at most other bars in the area. Just cool people sitting on couches, having drinks.

Best Bar, definitely trendy: Musical Box (Ave. B at 13th) is the sort of place you'd take someone if you wanted him or her to think you were cool. There is no sign, and the gate in front of the window is closed. But come closer, and you'll see the small phonograph on the door, and hear the sound of the swanky-swallows within. Inside, there are 2 candle-lit rooms and an outdoor patio full of antiques vehicular furniture, and a crowd gathers around a black felt pool table. You might only be able to afford one drink, but you're paying for atmosphere, right?

Best Jazz: At Small's (7th Ave. at 30th St), $10 gets you in, and you can stay until 8 am the next day. This is an intimate jazz club that's BYOB, but they provide free juice, water, and snacks.

Shopping: What trip to NY would be complete without lots and lots of shopping? Believe it or not, there are bargains galore in the city. You just need to know where to look.

It's a bit risky for me to send you anywhere near Fifth Avenue, but H & M (5th Ave. at 51st St) is just a hop, skip and a jump away from Central Park. The vision behind this 3-story European department store is that if Prada can sell it for $200, they can sell it for $20. They are all about the knock-offs, and we benefit by getting to be über-trendy without being über-poor.

My first cousin once-removed runs the Broadway Street Fins, which stretch about 10 blocks and are filled with vendors selling everything from carpets to crepes, and banana smoothies to bonsai trees. Vintage leather jackets, bedding, lingerie, pottery, and used CDs are all sold at super cheap prices. As if that wasn't enough, there is usually a Peruvian band playing, as well as a man who will write your name on a piece of foil! Check www.mortandray.com for the schedule and locations.

If it's a more chic experience you're after and you love the thrill of bargaining, head downtown to the Chelsea Flea Market (6th Ave. at 26th St., weekends only), where you'll find a parking lot full of treasures—an antique furniture and knick knacks, all with a negotiable price tag. A friend of mine furnished her entire apartment with very cool 50's style furniture for only $400!

Of course, if that stipend check is burning a hole in your pocket, there are lots of places to quickly remedy the situation. My favorites are the SoHo boutiques, Columbia Ave. shops, and 8th St. shoe stores.

Staying the Night: In order to do all this eating, drinking, and shopping, you'll need a place to stay overnight. If you don't have a friend with a sofa on which to crash, your best bet is PriceLine.com. Tell them what you want to pay, and they'll find a room for you. They feature only major chain hotels in central neighborhoods, so it's impossible to get screwed with them. Plus, they automatically upgrade you to the best possible room—I once stayed at the Millennium Hilton for $85. Chocolates on our pillows, robes, you name it.

Of course, if you've already blown all your money, you could always spend the night at Small's. ✽
The BUZZ

The biggest entering class in the history of the BBS Program will be arriving in the fall. Over the first 5 years of the Program, an average of 69 students matriculated per year. And this year? Ninety-one.

The Graduate Student Research Symposium (GSRS) is undergoing major reorganization, and the new format will debut early this fall. Stay tuned.

Speaking of reorganization, the BBS Program will have a new look soon. Last semester, the Bioinformatics & Computational Biology Track was added. Next up are tracks in genomics and spin-offs. Can stock options be far behind?

At last count, there were 263 faculty and 393 students in the BBS Program.

Renovation of the 2nd floor of C-wing in SHM is slated to be completed this August. This once and future home of the Cell Biology department will house state-of-the-art labs and is also rumored to have a funky lounge. No word yet on lava lamps.

Next year’s standard BBS stipend will be $23,000. Students who win outside competitive fellowships receive a stipend bonus of $4,000 (that’s $27k!)

Advertise your department, company, or event in B magazine and reach over 800 Yale students, post-docs, faculty, and administrators. Contact us at bmail@yale.edu.

Want to have fun and meet new & exciting people? Then come play... Volleyball!!!... with a bunch of non-competitive, fun-loving and occasionally beer-swilling science-type people. No experience necessary. Thursday evenings @ 6:00 on the Harkness Lawn (next to Marigold’s). Start soon. Email anne.ackerman@yale.edu for more info.

The B magazine

“PERSONAL ADS” Contest

Part of the great by-ond - a showcase of student creativity
Wow! These are hilarious! Congratulations to our winners. The Prize Patrol is on the way.

First Place (winner of “Shor” candy bars) Adriana Olivas, MB&B Track
Hard-working first year graduate student looking for GESO organizers to come to lab and interrupt work. Home visits also encouraged. Only groups of two or more that will not take no for an answer please. Repeated visits preferred.

Second Place (winner of Hasbro “Kisses”) Mario Zadra, MCB
RNA Enzymologist. Seeking someone with great self-cleave and to whom the Backside Attack is more than just a reaction mechanism. 277-4636 (2 Prime O).

Third Place (winner of Dove “Conversations” candy) Becky Meier Klein, INP
Potassium channel seeks long-lost cousin. Heard from Bureau of Evolution you might be hanging out with mammalian glutamate receptors. Hope you are still selective; large family awaiting your return!

Honorable Mention (winner of absolutely nothing) Jed Meltzer, INP
Dominant negative mutants seek recessive partner. I will repress you in every way, while enjoying your pleas for expression. Highly selective; only the best may enter my binding domain.

Other Notable Entries
Anonymous Post-doc, MB&B Microscopist looking for a girl who can appreciate small things.

David Rimm, Professor of Pathology DJPI (desperate junior principal investigator) likes signal transduction, immunofluorescence and walks by the cold room. ISO NEGS (naive enthusiastic graduate student) to share cell culture, possible LTR.

Carrie Iwema, Post-doc, Neurosurgery Lonely olfactory axon seeking glia: ensheath me in your warm embrace and help me find what I’ve been looking for.

Jed Meltzer, Neuroscience 3 young GluR1s, open-minded and curious, seek others for homomeric or heteromeric complex. Into Na and K; will consider Ca if the chemistry is right.

Annie Nield, Immunology Me: a naive T cell circulating solo in the periphery. You: a dendritic cell presenting all the right antigens. Let’s meet soon and see if you stimulate my TCR.

Adrian Olivas, MB&B Track Gonna make you move! SGABP, 14 kD, ISO actin at the leading edge to colocalize. Tight binder. ISO actin need apply. Guaranteed motility. (S-single; G-GFP-tagged; ABP-actin binding protein; NSJ-non-specific junk)

Yale undergrad seeks TA for answers to homework problem set. No teaching required, just answers. Possible percentage of promising business venture with Daddy. Only correct answers please. Inquiries can be made at getintomedschool@yale.edu.

Steve Becker, Cell Biology Well-rounded cell biologist has been docked for too long! Seeking someone to stimulate some fun-filled fusion events - I’m primed for just about anything! Those into transient “kiss and run” relationships need not reply.

Becky Meier Klein, INP Patch clamp me desperately seeking experienced cell line. You: low maintenance, high expression, stable patches for long experiments. Me: steady hands, cushioned air table, and ultra-fast drug application system.

Patch clamp me seeks single-channel for activation experiments. Tired of multiple channels clamoring for my attention and analyzing their complex relationships. Need only one channel for long-term relationship… let me study your kinetics!

Anonymous 5th year genetics student ISO virgins for recreational mating. Third instar larvae need not respond.

Anonymous Hot aural pleasure. Looking for someone to explore my auditory canal. If you’re good, I will show you my hair cell.