

# The Restriction Digest

## G.S.A. Newsletter

a publication of the  
Graduate Student Association

Johns Hopkins University School of Medicine

Volume 17

Number 1

August 2006

### GSA Notes

by Kristina Krasnov

On behalf of the Graduate Student Association, I would like to welcome you to Baltimore and to the Johns Hopkins School of Medicine! These graduate school years are a fast-paced and interesting time in your lives and one during which you are likely to make some lasting decisions, such as choosing a field in which to specialize and whether to stay in academia or pursue the many alternative careers in science. This may even be the time when you make some of your best friends or meet your significant other. Be prepared for the challenges that life is about to throw your way with this brief guide to the upcoming years from the experience of an incoming fifth year:

Year 1:

→ Participate in GSA activities to unwind from classwork and lab rotations!

—We sponsor many academic and social endeavors throughout the year. During the fall, aside from Orientation, we are planning the Fall Picnic, an outing to an Orioles game, a trip to the National Aquarium, and a Fell's Point Ghost tour, among others.

—We are inviting prominent scientists to speak to the Hopkins community as part of the Pioneers in Science Lectureship and the Alicia Showalter Reynolds Memorial Lectureship; watch your e-mail for announcements.

—We also sponsor a number of student groups to suit your needs and interests, including the Hopkins Leadership Initiative for the Environment (Hopkins LIFE), Incentive Mentoring Program, Restriction Digest Newsletter, Hopkins Biotech Network, Art as Applied to Medicine, Science & Society, Minority Biomedical Scholars Association, Chinese Student Scholars Association, Gertrude Stein Society, Jewish Student Association, and Indian Graduate Student Association. If you don't see a group that meets your needs, start one of your own! Though GSA funding is available to quali-

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### GSA Events

#### **Big/Little Sib Orientation**

**Happy Hour**

Thursday Aug 24

3-5PM

Restriction Courtyard

#### **Orioles vs. Twins Baseball Game**

Friday Sept 22

7:05PM

Camden Yards

#### **GSA/PDA Fall Picnic**

Thursday Sept 28

4-6PM

Restriction Courtyard

#### **National Aquarium Trip**

Friday Oct 13

5:30PM

Inner Harbor

#### **Fell's Point Ghost Tour**

Friday Oct 27

6PM

Max's Darthouse on Broadway



See more pics from the GSA's trip to Camden Yards on page 7.

### Labotomized: First Day of School

by Erika Gebel

Jolene squinted against the sun as she stared up at the brown windowless flank of the Basic Sciences Compound at Yippee University. After she took an enterprising breath, Jolene passed through the heavily guarded doorway into a metaphysical realm: graduate school. The heavily laminated floors gleamed under her sensible lab-friendly shoes as Jolene wound around the halls in search of an elevator. She went by a cheerless computer lab containing a few pallid bodies, milky eyes transfixed to celebrity gossip blogs and the liberal media. Eventually, the hallway opened upon a bank of three elevators; Jolene rode to the fifth floor with a gum snapping custodian and a stank mop.

Armed with a firm grasp of the consecutive nature of room numbers, Jolene marched down the hallway looking for 512. 506...508...510...ah, 512. She strode into the lab and asked a startled bench jockey where she might find Dr. Yiminy. His pale blue eyes leapt out at Jolene and she felt her palms moisten. With thin lips pulled into a dazzling and knowing grin, the Adonis — in no immediate hurry to return to his labwork— painstakingly explained in a sonorous voice the baffling building layout. A story may contain as many as 5 identical room numbers, though in technically different buildings, discernable only by subtle changes in floor tiling. While drawing an invisible map on the bench top with his navy pipetman, the grad student

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directed “You go back out, make a right, go all the way to the end, make a left, then a right, then a left again. Once you tread on pea-green gingham, it’s on your right.” Jolene had not been warned in her now tattered “Graduate Student Handbook!” that what looked like a single cohesive building was actually a conglomeration of buildings melded together to form a lab-rynth. Jolene attempted to thank the fine young gentleman for his kindness, but instead, awkwardly muttered something unintelligible and retreated onto a sea of speckled periwinkle tiles.

After traversing over squares of many colors and designs, Jolene fumbled her way into *Physiology*512. The only figure present was a prematurely balding red-faced male who appeared deeply intent on digging a large quantity of material from an opaque bottle. As Jolene approached, her face fell slack with terror because this grunting man-child was weighing out large quantities of pure sodium, which becomes all fire and boom if it should interact with even a glimmer of water mist. Suddenly hound-like, the cretin took a deep whiff of air, turned, and focused on Jolene. “Yeah?” croaked the lummoX suspiciously, perhaps expecting Jolene to start an enthusiastic sales pitch about the Phastgel system. Slowly backing away, arms outstretched, Jolene carefully inquired “Is Dr. Yiminy around?” Visibly relieved, the trace blonde pointed down-lab with the toxic spatula, splattering bits of the deadly element haphazardly about. “Thanks...” whispered Jolene, bolting before the lab turned into Baghdad.

In a full sweat by this point, Jolene attempted to dry her now visibly moist underarms by walking briskly to and fro, arms akimbo, cursing the properties of cotton and the need to maintain a constant body temperature. After scraping off some brunette curls that had become plastered to her sticky face, Jolene placed a few firm, but to her ears intelligent and enthusiastic, whacks on Dr. Yiminy’s closed office door. “Come in” came the muffled response. She entered what appeared to be an empty office. Then the wisp of an unkempt comb-over erupted from behind a stack of papers. Addressing the hair geyser, Jolene began “Hello, Dr. Yiminy, I’m Jolene. I emailed you about doing a rotation in your lab.” Suddenly, Dr. Yiminy sprang up from behind the paper wall and grasped Jolene’s hand in both of his. His long fingernails nicked Jolene’s freckled skin. “Yes, of course, do sit down.” Dr. Yiminy hurriedly scooped a stack of papers from the only extra chair in the room and Jolene gladly collapsed into it.

They talked about her arrival into Baltimore, the high crime rate, her undergraduate advisor (who Dr. Yiminy called “the bear” for some reason), and finally her project for the next ten weeks. “You’ll be working with Jack. He’s in his eighth year, so he knows his way around the lab. I’ll introduce you”. Dr. Yiminy bound from his chair like a man with lush abundant hair. Jolene rushed to keep up, dropping some of the papers she had brought with her and then, unable to distinguish hers from the paper noise of the office, abandoned them so she could catch up with Dr. Yiminy who was already disappearing in the distance, spout of gray

keratin waving back at her.

Jolene grimly came to realize that Jack was the doomsday device she had met earlier. “Jack will take good care of you.” Dr. Yiminy said automatically. Before Jolene had time to turn around, Dr. Yiminy had dematerialized. Slowly, Jolene faced Jack, who was now chewing his gum in a way that sent shivers down Jolene’s spine. “Well, let’s get started.” Jack chomped “Have you ever run a DNA gel?” Jolene, attempting to befriend her bestial guardian, joked “no, but I’ve run a 10k.” Jack, unsmiling, gazed down and then up. “Anyway, we’ll get you good n’ ready. You’ll be messin’ with some noxious stuff. Ethidium bromide. Gives you cancer if you don’t watch yourself. But don’t worry. Jack’s got his eyes on you.” And then Jack winked, or at least Jolene thought it was a wink. It could easily have been a convulsion or tic of some sort. Jolene noticed he had yellow eyes. After invisibly cringing, she wondered why she hadn’t run screaming, out the lab, building, Baltimore, when she first caught sight of this crimson oaf. Probably because she’d just get lost again, Jolene mused.

“First thing, you gotta put on this lab coat.” Easy enough, Jolene had no aversion to safety. “Now put on this face mask. That’s right. Over the nose and mouth. Now, goggles to protect your eyes. Uh, huh. Good. These gloves are extra long and extra strong...kinda like me. Huh, huh. Just put them on. Okay, just one more thing”. It was then that Jolene noticed a flash of silver in Jack’s left hand. Panic caught in Jolene’s throat. A sharp sound ripped through Jolene’s central nervous system as Jack brought a roll of duct tape in front of him and began to pull. Jack moved in close and proceeded to duct tape shut the collar of Jolene’s lab coat, the interface between glove and sleeve, and along the coat’s closure. “There, now you are ready to pipet.” After transferring a microliter quantity from one eppendorf tube to another, Jolene remained visibly tumorless. Jack nodded his head approvingly and instructed “Okay, now you need to air yourself out. Don’t want the nasty E. Bromide stickin’ around. So, go walk around the building for the next 15-20 minutes or so”.

Like an alien emerging from a ship on a foreign and hostile planet, Jolene reluctantly marched into the hallway in her absurdly protective getup. The world seemed cloudy and fragmented from behind the worn and soiled safety goggles. Her breath reflected by the mask was hot and slightly rancid, but became familiar and soothing as she paced. By now, due to her outfit’s lack of ventilation, Jolene’s shirt was completely drenched and she dreaded removing the coat. Up ahead, Dr. Yiminy turned the corner and brushed passed without a word, not recognizing her. Jolene began to relish the anonymity, but at the same time experienced a premonition of loneliness in her gut. For now, all that mattered was surviving the next ten weeks as safely and sanely as possible. Then she’d worry about the next 4-7 years. Graduate school was showing itself to be a far more menacing enemy than the perilous Baltimore. After 20 minutes went by, Jolene just kept on walking; she was in no particular rush to return to Jack or to herself, the graduate student.



## **A Note from the International Students Representatives**

Whether you have arrived at Johns Hopkins from just over the border or from the other side of the globe, we wish to extend a warm welcome to all new international students!

Living abroad, especially amidst the stresses of graduate school, can be filled with distinct challenges. Our recognition of the unique perspective and needs of international students has led to the appointment of two international representatives to the graduate student association (GSA), our student government.

This year, your representatives are Edel Hyland (fifth year BCMB, from Ireland), and Matt Feldman (third year Human Genetics, from Canada). Throughout the year, we aim to give a voice to the concerns of international students. However, to do this effectively, we need to hear about what's on your mind. If there is something new you would like to see the graduate school do for international students, something the school is already doing particularly well, or any other issue that you feel needs to be addressed, please bring it to our attention. Additionally we hope you will learn to rely on us as a source of clarity as you adapt to living and being a student in America.

Our other major objective is to bring together foreign students for fun social activities. Watch the GSA newsletter and your email for more information on upcoming events. We look forward to meeting you and hearing from you.

Edel Hyland (ehyland1@jhmi.edu)  
Matt Feldman (mfeldman@jhu.edu)

## **Continued from page 1**

fied organizations only, student groups can be recognized by GSA. Interested? Fill out an application for student groups (which can be found on the GSA website), receive confirmation of sufficient peer interest, make sure your group does not overlap with services provided by existing Hopkins offices—and you're well on your way!

—In the spring semester, we are hoping to have a repeat of previously popular activities such as the ski trip, wine tasting, whitewater rafting trip, Cinco de Mayo party, beer tasting, several happy hours, and other great activities. A finalized list of events will be advertised in the Newsletter, via fliers, and by e-mail.

—If holding a GSA office is more your style, we have several representative positions waiting to be filled for the Pharmacology Program, Cell Biology Department, and History of Science Department. Elections for other positions are held in the spring of each year.

—Not your cup of tea? Then volunteer to help plan a GSA event, and you will have the benefit of getting to know the officers a little better, make new friends outside your program, and be the first in line to grab food and drink and get the event off to a good start! To volunteer ideas or your time, contact the GSA (gsa-g@jhmi.edu).

—Do you have any questions, concerns, or suggestions about campus life? Voice them at the monthly GSA meetings, which are typically on the third Tuesday of the month at 3 pm in room 2-108 of the 1830 Building (that's the one with the Matthews bookstore). We serve pizza and soda for you to munch on as you listen to the updates from the Professional Development Office (PDO), Student Assistance Program (SAP), MA/PhD committee, the health report, events updates, and other announcements. The first "orientation" GSA meeting of the academic year will be on September 5<sup>th</sup> at 3 pm.

→ Attend some scientific talks and journal clubs. Need ideas? Check out

the Science Calendar at [www.hopkinsmedicine.org/scical](http://www.hopkinsmedicine.org/scical) or the calendar on the main page of Johns Hopkins University ([www.jhu.edu](http://www.jhu.edu)), which tends to list events from several campuses.

→ Take the time to familiarize yourself with the highly useful services offered by the staff of PDO and SAP; GSA e-mails will update you on the upcoming events or check out their websites: [www.hopkinsmedicine.org/pdo](http://www.hopkinsmedicine.org/pdo) and [www.hopkinsmedicine.org/sap](http://www.hopkinsmedicine.org/sap).

→ Take care in choosing a lab: even more important than doing well in classes, the decision of a thesis advisor and lab environment will stick with you throughout your time as a graduate student and perhaps even beyond graduate school, as it is largely your mentor and departmental colleagues who (negatively or positively) shape your career plans.

Years 2-3:

→ Join a GSA office, write for the Restriction Digest Newsletter, or just come to our events! Remember, we at the GSA are here to serve you, the student body, so come to see us!

→ GSA offers travel awards for attending scientific conferences and taking out-of-town, thesis-related coursework. There are several application deadlines throughout the year; more information will follow as these dates near.

→ This is the time that you will likely need reagents, supplies, and equipment; contact the GSA mailing list at [allgrad@lists.jhmi.edu](mailto:allgrad@lists.jhmi.edu) to send an e-mail to all of your graduate student peers at SOM. Please note that this mailing list is monitored and is not for personal announcements (e.g., selling a car, looking for roommate, etc.); for those matters, try Craig's List ([www.craigslist.org](http://www.craigslist.org)) or the JHU Gazette Classifieds ([www.jhu.edu/%7egazette/](http://www.jhu.edu/%7egazette/)).

→ Now that many of you are wrapping up with classes and have passed your orals, choose a journal club and a departmental talk series to attend regularly to keep abreast of the work in your field and other interesting developments, as this will be the cornerstone of your continued scientific development.

Years 4-5:

→ Though it doesn't seem like it during the whole process, time does go by fast! Enjoy what will hopefully be your last years of graduate school and potentially your last years in Baltimore. There is much to do in this part of the East Coast, and if you haven't discovered it yet, now is the time to do so! Check out: [www.baltimorefunguide.com](http://www.baltimorefunguide.com), [www.baltimore.about.com](http://www.baltimore.about.com), or [www.digitalcity.com/baltimore](http://www.digitalcity.com/baltimore) for ideas.

→ During these years, begin thinking about your plans after graduation. One way to start is by attending the helpful PDO sessions on the various careers available to scientists, panel discussions, workshops of interviewing skills and resume writing, and other such services; check out the PDO website for upcoming panels (and notes from past panels) or watch for GSA e-mails.

We wish you the best in your endeavors and career plans at Hopkins! Welcome aboard!

Kristina Krasnov, GSA president

# Technology Corner

by Jonathan Trow

## Megapixels

Now that digital cameras have become the standard for most consumer photography applications (because when you get an embarrassing picture of a friend, you need it to go straight onto the internet), most of the potential market already owns one. This is a problem for the companies that manufacture them, they need to find a way to drive sales of new cameras. How do they do this? Well, sometimes they release new models with legitimately better features, smaller size or improved imaging technology. However, the more common solution is to release incremental upgrades, often in the form of increased megapixel rating. So the question for consumers looking to get a new digital camera is: "Do the added features of the new model justify the extra cost?" Today we are going to look at one aspect of this question- megapixels. First of all, let's define our terms. Pixels (PICture ELeMents) are small, colored dots that make up an image, arranged in vertical and horizontal lines. The term megapixel refers to the maximum number of pixels (resolution) that a given camera will produce in a picture it takes. To determine the megapixel rating of a camera, manufacturers multiply the number of horizontal pixels by the number of vertical pixels (just like calculating area) and divide by 1 million. Hence if a camera has 2,048 (horizontal) x 1,536 (vertical) pixels, or 3,145,728 pixels total, we call it 3 megapixels.

Because we are dealing with a square function, it takes only a 40% increase in linear resolution (length and width) to double the total number of pixels. So a 6 MP picture is not double the size of a 3 MP picture on an inch for inch basis. In order to print a picture that was double the size at the same level of detail, you would need to quadruple the pixel count up to 12 MP.

The more pixels a given photograph has, the more detail will be theoretically visible. Sorry, but extra pixels won't magically help you look better-that's what Photoshop is for. However, it is important to realize what this means at a practical level. That is to say, when a picture is printed on paper-the standard resolution is 300 dots per inch (a dot is equivalent to a pixel) for a high quality print. So if you have a lot of pixels in the original image, the printed picture will be larger while displaying the same detail level because you can fill more inches at 300 dots per inch. Likewise if you tried to print that same large size picture from a lower resolution image, the pixels would have to be enlarged to fill the full picture

area and thus the picture would appear blocky. So at a given level of detail, more pixels allow you to print a larger picture.

However, if your goal is simply to produce 4x6 prints for your photo album, a very hi-resolution camera can be a waste because if you scale a large megapixel picture down in linear size, it is still using the same 300 dots per inch to print. So any extra detail will be discarded. Think of it this way: you have a box you want to fill up with rocks or sand. Each sand particle is like a pixel. If you have a lot of sand you can fill up a large box. However, if you only have a few pixels- you can still fill that large box up you just need to make each one bigger -so instead of sand, you use the same number of rocks. You can take up more space with the same number of "pixels" but you lose the fine details. Further, if you have a given size box, say 4x6, that is filled by 3 million sand grains, having 6 million doesn't improve the quality any, since you can only fit 3 million in, you simply discard the unused sand and end up with a picture equal in quality to one taken at 3 MP. If you want to print 4x6 photos, 3-4 MP is fine to get decent quality prints.

When thinking about buying a digital camera, megapixels are not the only important factor. The optics can make a huge difference in photo quality, as can onboard algorithms for things like edge smoothing. But when deciding on this years' new model vs. last years' model, often the only significant difference is the megapixel rating. So one must determine if going from 5 to 6 MP is worth an extra \$75. Bottom line: if you think you'll want to print larger pictures more pixels might be a good investment for you, but if not, don't fall into the advertising trap of "more is always better."

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● **Biomedical Scholars Association (BSA)** ●

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● The Biomedical Scholars Association, BSA, is an ●

● organization that unites graduate students and postdoctoral ●

● fellows who represent minority groups within the Johns Hopkins ●

● University Medical Institute community. The purposes of this ●

● association are 1) to provide a support system for every scholar ●

● who considers him or herself a minority within the Hopkins ●

● community; 2) to promote the academic and professional ●

● success of said scholars; 3) to enhance minority scholar ●

● recruitment to and retention within the Hopkins community; 4) ●

● to provide a network for career development and advancement ●

● within the scientific community and; 5) to serve our immediate ●

● community through volunteerism. We welcome your member- ●

● ship and participation in events throughout the year. ●

●

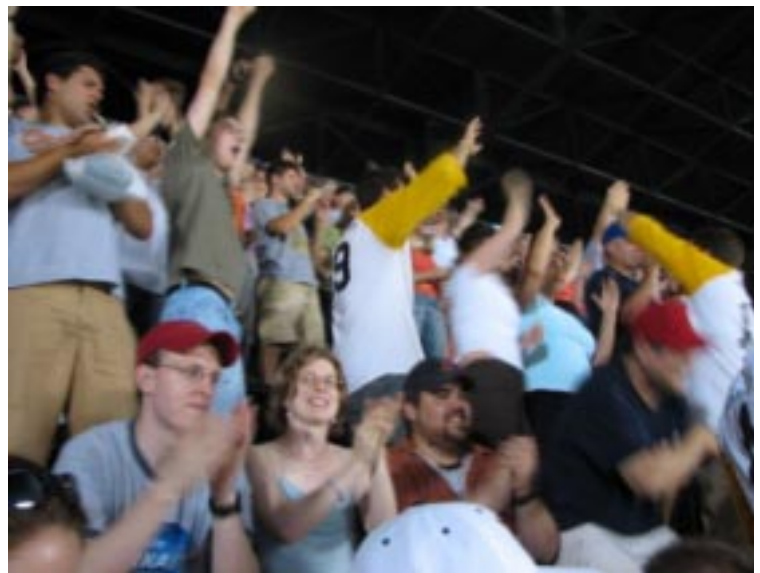
● Contact: J. R. Cohen, jcohen53@jhmi.edu ●

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## Let's Go O's!

On June 23rd, School of Medicine and School of Public Health graduate students enjoyed a night at Camden Yards. Between doing "the wave" and chowing down on peanuts, students watched the Orioles defeat the Washington Nationals. A fireworks display capped the evening's festivities. The event was co-sponsored by the School of Medicine Graduate Student Association and the School of Public Health's Insoluble Fraction.



See more pictures from the game on our website:  
<http://www.hopkinsmedicine.org/gsa/news.html>

## Welcome to The Johns Hopkins University School of

### Medicine!

#### **Who is the School of Medicine Development and Alumni Relations Office?**

The School of Medicine Development and Alumni Relations Office's mission is to build lifelong relationships with our constituents, including students and alumni, in order to foster participation in and financial support of the institution's priorities for the continued growth and development of JHM as a world-renowned leader in research, teaching and patient care. Johns Hopkins' history and traditions inspire us to achieve excellence in all that we do and represent.

Located off-campus on the second floor of One Charles Center, at the corner of Charles and Fayette Streets, the School of Medicine Alumni Office can be reached at 410-516-0776, toll free at 888-546-1336 or by email at [JHMalumni@jhmi.edu](mailto:JHMalumni@jhmi.edu).

#### **Who is the Johns Hopkins Medical and Surgical Association (JHM&SA)?**

The JHM&SA is the alumni organization for all graduates of the School of Medicine as well as all current and former fellows, house staff and faculty. The Association is supported entirely by its membership base through an annual dues campaign and focuses on projects that enrich both predoctoral and postdoctoral life at Johns Hopkins. Some of its activities include:

- Annual financial support of the Medical Student Society, the Graduate Student Association, the Johns Hopkins Postdoctoral Association and the House Staff Council
- Annual funding of student scholarships
- Sponsorship of 5 awards given at Young Investigators' Day
- The Biennial Meeting and Reunion Weekend
- Financial assistance for students, house staff and fellows using the Johns Hopkins Family Center

The JHM&SA is run by a volunteer council and is managed through the School of Medicine Development and Alumni Relations Office.

## **A Poor Man's Office**

You finally decided to get that new computer so that you don't have to go to the computer lab to watch lectures, work on your Bioinformatics project and finish those spreadsheets that your P.I. wants done by yesterday for the next grant submission. Being a lowly graduate student, you can only afford the entry-level \$300 budget PC, but you only need it for Internet access and basic computing, so the basic system should be acceptable. But there is one big problem when the system arrives: the PC you worked so hard for doesn't even come with software to read Word documents, Excel spreadsheets and PowerPoint presentations. Your productivity is ruined! You'll never graduate, and you can already feel those Nobel winning Nature publications slipping away. . .

SLOW DOWN! Just take a deep breath, because there is still hope. It's possible to get the functionality of

Office without paying the big bucks; that is, if you know where to look.

Enter OpenOffice.org, providers of a FREE Office suite alternative that is available online. The package includes several programs: OpenOffice Writer is a word processor that can handle Word documents, Calc opens and creates Excel spreadsheets, and Impress can create presentations in PowerPoint format. Documents created in OpenOffice and saved in the correct Office format will open on computers that have Office proper. In addition you also get Base, the special OpenOffice database program, and Draw, which can create illustrations. A nice bonus to most of the programs is the ability to save you files into a PDF format with the click of a single button. So not only do you get an Office alternative for free, but you gain the ability to create PDF files of your documents without having to purchase Adobe software! "How good can a free program be?", you might ask. Give it a try and find out. All of the program layouts are very similar to the corresponding Office programs, making learning quite intuitive. Besides, the alternative is to spend more than \$100 on Office, and that's a waste of perfectly good beer money.

Eli Roberson  
Human Genetics Ph.D. Candidate  
Pevsner Lab

## **GSA newsletter**

*The Restriction Digest*, named for the historic discovery made by Hamilton Smith at Johns Hopkins in 1970 has been publishing since 1990. This newsletter is meant to be an open forum for graduate students to express their opinions, share information, and address all aspects of graduate student life at Hopkins. Articles range from serious to comedic, with past issues featuring bioethical debates, restaurant reviews, and interviews with visiting scientists. The newsletter currently does not have a permanent writing staff. Instead, all students are encouraged to e-mail submissions directly to the editors. As we strive for a diverse, informative, and entertaining publication, virtually every submission is gratefully accepted. Currently we are in need of people to serve as editors. All of these positions have a minimal time commitment with a great deal of flexibility. In the next couple of months we will be having an organizational meeting for all those who may be interested in working on the newsletter. In the meantime, students can feel free to e-mail any editor with questions, submissions, or suggestions.

For submission information, contact an editor:

Megan Lindsay ([mlindsay@jhmi.edu](mailto:mlindsay@jhmi.edu))  
Melissa Wright ([melissa\\_wright@jhmi.edu](mailto:melissa_wright@jhmi.edu))

<http://www.hopkinsmedicine.org/gsa/news.html>

*Next Deadline: October 15*



# SAP CORNER

Safety in the City  
Deborah Hillard, Psy.D.  
Student Assistance Program

*As we begin yet another academic year, it is important for us to think about personal safety, both on and off campus. Many of us live, attend classes, and commute through the city on a daily basis, often times taking for granted our personal safety. We may even naively adopt an “It won’t happen to me” mentality, which inherently places us at a greater risk of being victimized. With the hustle of trying to manage our academic careers, it can become easy to forget about the ways to maintain personal safety.*

*Although Johns Hopkins University is fully committed to maintaining a safe campus environment by providing comprehensive and state of the art security systems, you must also play an active role in maintaining personal safety. Several crime prevention strategies may be useful for students to consider. The following safety tips are adapted from the Johns Hopkins Security Department websites:*

## **Safety at Home:**

- Secure dorm rooms and apartments to protect your property. Lock your doors and windows and place valuables out of plain view.
- Never give your keys or your student id/keycard to anyone, even if they are your best friend.
- Be aware of your surroundings and report suspicious activity.

## **Car Safety:**

- Always lock your car and remember to place valuables under your seat, in your trunk, or somewhere else out of sight.
- As you approach your car, be aware of your surroundings. If you see someone loitering near your car, do not go to it; instead, walk to an area where there are other people and seek assistance.
- Have your car keys ready. Make sure you don’t have to stand by your car fumbling for your keys.
- Before you enter your car, look inside to make sure there is no intruder in the car.

## **Campus Safety:**

- Wear your identification badge visibly, displayed at all times. Replace it immediately if it is lost or stolen.
- Never leave your personal property unattended even if you’re going to be gone for just a minute.
- Walk in a group, try not to walk alone.
- Be aware of your surroundings; walk in well-lit areas at night.
- Keep your head up. Do not look down or away and make brief eye contact with all people you meet.
- Use public walkways and avoid shortcuts, especially at night.
- Be aware of places along your path of travel that could conceal a criminal (shrubbery, buildings recesses, etc...). Avoid or keep a distance from these areas whenever possible.
- Make sure someone knows when you leave and when to expect

you back.

- Carry a “disposable” wallet/purse with a small amount of money in it. If an assailant attempts to rob you, turn it over without hesitation.
- Know the location of campus emergency phones and don’t hesitate to use them.
- Use Security Escort Services (van or walking)
  - **East Baltimore Campus: 410-955-5585 (24-hour service)**
  - **Homewood Campus: 410-516-8700 (operating from 5pm to 3am)**
- If you think someone is following you, cross the street, head for a well-populated and well-lit area at night.
- Wear clothing that will allow you maximum mobility if it is necessary to run. Be prepared to drop your valuables (heavy books, packages), since these can slow you down.
- Carry a whistle or personal panic alarm with you.
- Report suspicious activity immediately to the Security Department or Police, don’t be embarrassed to make the call:
  - **Non Emergency Numbers:**
    - **East Baltimore/Medical Campus: 410-955-5585**
    - **Homewood Campus: 410-516-4600**
  - **Emergency Numbers:**
    - **East Baltimore/Medical Campus: 410-955-5585**
    - **Homewood Campus: 410-516-7777**
    - **Baltimore City Police: 911**
- Use the campus shuttle when commuting across campuses.
  - A shuttle service operates year round between the Homewood Campus and the Johns Hopkins Medical Institute, with stops in the Charles Village area and Peabody.
  - An Eastern Campus shuttle operates weekdays between the Eastern and Homewood campuses along with another shuttle, which runs between the Eastern Campus and the medical institution.
  - The Colltown shuttle runs between Hopkins and Goucher College, with stops in the Towson area.

The Johns Hopkins Security Department works in concert with the students, faculty, and staff toward ensuring our security throughout the campus and neighboring communities. Members of the department work closely with Baltimore Police and community representatives in crime prevention and investigations in keeping with Hopkins’ community outreach initiatives. Detailed information about the security departments, including a daily incident report, may be found on the following websites: [www.jhu.edu/~security](http://www.jhu.edu/~security) and [www.hopkinsmedicine.org/security](http://www.hopkinsmedicine.org/security).

In summary, a college campus is a great place to learn and grow. But a college campus, like any other community, has its share of accidents, crimes and injuries. You need to take an active role in crime prevention, including the realization that you might be the next crime victim. Victims of crime are encouraged to seek assistance from the security department and confidential counseling from the Student Assistance Program (SAP). For more information about this topic, please feel free to contact the Student Assistance Program (SAP) at (443) 287-7000 or visit our website at [www.jhu.edu/sap](http://www.jhu.edu/sap).

## Welcome to the Hopkins Biotech Network!

### 2006-2007 GSA Representatives/Officers

Officers	Name	e-mail
President	Kristina Krasnov	kristina@jhmi.edu
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2006 – 2007 is shaping up to be the most exciting year for HBN yet. The group has undergone rapid growth to nearly 1,500 members since its founding in April 2003.

Founded in 2003 HBN is a student run organization dedicated to promotion of education, career development and networking in the field of Biotechnology. We strive to act as a conduit for communication between HBN members and establish a working relationship between people and organizations that share common interests with HBN. *Membership is free and open to everyone.* Commit as much or as little time as you wish.

Joining is easy. Just visit our new and improved website: [www.hopkinsbiotechnetwork.org](http://www.hopkinsbiotechnetwork.org)

#### Services and member benefits include:

- The HBN seminar series, featuring a wide variety of leaders in the life science domain
- Monthly technology and company profiles posted on website
- Calendar of events in the region including lectures, career fairs, and social outings
- The latest biotechnology news
- Opportunity to interact with alumni, faculty and industry professionals
- Membership-only access to career information and job postings
- Monthly alumni interviews relating to possible career paths in bioscience related fields
- Professional and social communication via HBN message boards

Since its first successful seminar in 2003, HBN has successfully coordinated a diverse series of over 45 seminars which have provided a perspective on various topics such as available career options in the field of biotechnology, choosing a career path, entrepreneurship, status and options for women in the field, balance between Academia and Industry etc. The aim has always been to keep the members aware of what choices are available, what kind of network they need to look into and who to seek help from, empowering members with knowledge to make a decision. HBN has also organized Panel Events from time to time that have covered practical issues and provided a neutral ground for debate.

HBN also tries to achieve its aims in a less formal manner by organizing social events and Happy Hours which act as neutral grounds for member interactions. We endeavor to keep our members aware of other related activities going on in the Baltimore/ DC area and at Hopkins via updates posted on its website

HBN is an organization run by and run for students. Your input and participation is what drives our success. Again, membership is free and open to all. Join today and help shape our upcoming year.

Visit the HBN website for complete organization information: [www.hopkinsbiotechnetwork.org](http://www.hopkinsbiotechnetwork.org).