



The Restriction Digest

GSA Newsletter

a publication of

the Graduate Student Association

Johns Hopkins University School of Medicine

Volume 21

Number 1

August 2010

Welcome to New Students
from the Graduate Student
Association

by Stefani Fontana

Dear New Students,

Welcome to Johns Hopkins. First, I would like to congratulate all of you on making it this far, we are glad to have you here. Orientation, when new students join our campus and our labs, is the best part of the year. Having your excitement, motivation, and new ideas on campus rejuvenates and invigorates everyone here. We are all very excited for you to be here.

The Graduate Student Association (GSA) is here to facilitate in any way possible your personal growth and professional development while you are here

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A Restaurant Review:
Annabel Lee Tavern

by Elizabeth Eyler

Despite the wrought iron black ravens and twisted branch railing adorning the white brick exterior, you might almost miss it if you didn't know where to look. If you did, though, you would also miss a truly unique Baltimore experience — what other neighborhood bars have you seen that are themed around the works of Edgar Allen Poe?

Situated at the corner of South Clinton and Fleet Streets, the Annabel Lee Tavern opened its doors in late 2007. Before fulfilling his lifelong dream of owning his own bar, proprietor Kurt Bragunier, a big fan of Poe, worked as the general manager of Brewer's Art for seven years. Since its founding, Annabel Lee has grown into a local favorite, serving up better-than-average bar food in a darkly cozy, Poe-adorned setting.

The interior of Annabel Lee is dimly inviting, with the bar stretching along the wall to the right as you enter and half a dozen candlelit tables arranged in the back. The burgundy walls

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2010 Gordon Conference
on Phosphorylation and G
Protein Signaling Networks

by Nwe-Nwe Aye-Han

Thanks to a travel award provided by the GSA, I was able to attend the 2010 Gordon Research Conference on "Phosphorylation and G Protein Mediated Signaling Networks". The conference was held last month at the University of New England in Biddeford, ME. This year's Gordon conference was the 40th anniversary of the Gordon Conference on signal transduction. It was focused on mechanisms of regulation by phosphorylation and the complex signaling networks downstream of growth factors, nutrients, and stress. This was the first major conference I have attended during my graduate student career and I was determined to make use of it to learn more about current research activities on signal transduction.

Altogether, there were nine sessions during the five-day period of conference. Each session was held under a specific theme such as approaches to understand the phosphoproteome, emerging signaling networks associated

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The Biomedical Scholars Association, Celebrating Diversity since 2008!

by the 2010-2011 BSA Executive Board

We may have different religions, different languages, different colored skin, but we all belong to one human race. -- Kofi Annan

The Biomedical Scholars Association (BSA) is a tri-school organization that serves the Schools of Medicine, Nursing, and Public Health. We promote diversity, and participation in the group is open to everyone. Founded in 2008, BSA supports minority graduate students academically, professionally, and socially. To foster such support, we have an exciting year ahead as we continue on with our signature BSA programs:

Social Support:

Diversity in Science Happy Hour (Sept 9, 2010)
International Thanksgiving Potluck (Nov 2010)
Out of Baltimore Trip (June/July 2011)

Academic Support:

Pre- & Post-oral Advising Session (Feb 2011)

Emotional Support:

Milestone Celebration (May 2011)

Professional Development:

Diverse Careers in Science (DCIS) (Oct 2010)

Community Involvement:

Junior Biomedical Scholars Mentorship Program (Fall 2010-Spring 2011)

Tri-school Event:

James E. K. Hildreth Annual Lecture (April 2011)

Spring into Science
with the House of Ruth
(June 2010)

BSA, AWIS, and HBN's
Women in Science Tea
(March 2010)

BSA welcomes you to not only Hopkins but to our family. We hope to see you at our first event (and many more) of the year: the **Diversity in Science Happy Hour on Thursday, September 9, 2010, 5:30-7:30 pm**. It will be in the 1830 Building Room 2-108 (the same building as the Matthews Bookstore).

Want to know more about BSA? Want to be on our listserv? Sure you do! Check out our website: <http://www.hopkinsmedicine.org/dev/bsa/index.html> or send us an e-mail (bsa@jhmi.edu) and we will add you to our listserv. We look forward to meeting you!

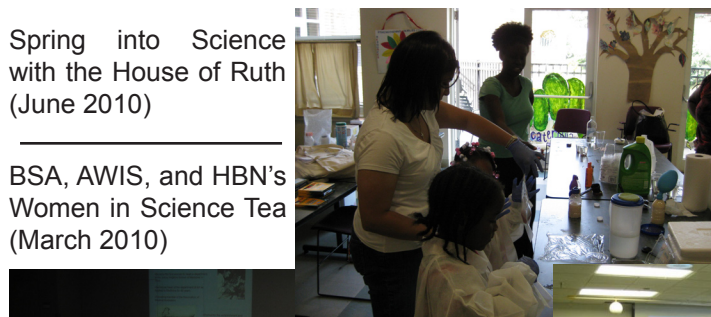
Wishing you a most wonderful year,

The BSA 2010-2011 Executive Board:
President, April Clayton
Social Vice President, Tyesha Burks
Treasurer, Janelle Rowell
Secretary, Jennifer Cohen
Historian/Parliamentarian, Sean Evans
Webmaster, Sabriya Linton

The Diversity of Science
Happy Hour (Sept. 2009)



Out of Baltimore Trip:
Treehouse Camping
(July 2010)



Dr. Chris Gibbons speaks at the 2nd
Annual James E. K. Hildreth Lecture
(April 2010)

DCIS Series: Dr. Lee Bitsoi's speaks about the
intersection of science and ethics (Nov. 2009)

Learn to Swing with Hopkins Dance!

Hopkins Dance is an organization of Johns Hopkins students and affiliates who are interested in dancing. The club promotes various types of social-style dance, including salsa, swing, and many others. Our events include sponsoring group lessons on campus, organizing group outings to local studios and dance venues, collaborating with local organizations to host workshops, and exploring salsa/swing opportunities around the area. Hopkins Dance strives to inspire members of the JHU community to take up dancing as a hobby and to connect people who share a love for dancing. We provide a forum for initiating, organizing, and publicizing community dance events.

For more information, go to
<http://sites.google.com/site/hopkinsdance>

Contact:
Aggy Djamanakova
hopkinsdance@gmail.com

To join our mailing list, go to
<http://lists.johnshopkins.edu>, and add yourself to HOPKINS DANCE.

Upcoming Events:

FREE Latin Dance Lessons
taught by Niss Albaig of *Salsa Now*

Where:

The Daily Grind (3rd Floor of Broadway Research Building)

When:

Wednesdays, 7pm-8:30pm, Sept. 1 - Sept. 29

Sept. 1: Salsa, Beginner I

Sept. 8: No Lessons

Sept. 15: Salsa, Beginner II

Sept. 21: Bachata

Sept. 29: Cha cha

Oct. 6: Rueda

FREE, No Experience/Partner Necessary

Hosted by Hopkins Dance and GSA

Email hopkinsdance@gmail.com if you have any questions.

Join Hopkins LIFE!



Since 2005, the Leadership Initiative for the Environment (LIFE) student group has been devoted to educating students, faculty, and staff at The Johns Hopkins School of Medicine on the benefits of environmentally-friendly practices.

Our goals include:

- Reducing the environmental impact of research at the SOM
- Increasing campus recycling
- Promoting environmental awareness and educational activities on campus
- Promoting sustainability at home and in the Baltimore City community

We have initiated a Greener Labs Campaign to reduce waste and energy consumption in labs on campus. This past year we held a luncheon with the Baltimore City Recycling Coordinator and learned how we can effectively reach out to governmental policy makers and voice our concerns on environmental issues. On campus we work closely with the SOM Facilities Management and as a result have achieved great success in increasing recycling at the SOM from 19 tons (2005) to over 240 tons (2009)!

We also host movie screenings airing films that address environmental issues. Our biggest event of the year is an Earth Day Happy Hour where local vendors, non-profit organizations and Hopkins groups provide information on how to make our campus and Baltimore cleaner and greener. At this event the Hopkins community can drop off recyclables including electronics and batteries.

To help us continue to achieve our goals we need more members! If you would like to get to know our members please come out to our **Patterson Park Clean Up Event on August 28th**. Be on the lookout for our emails! Our meetings are held the second Monday of the month and open to anyone in the Hopkins community. For more information please email HopkinsLIFE@gmail.com.

with extra- or intracellular cues, spatiotemporal regulations of signaling networks, and targeting signaling nodes, such as kinases and phosphatases, for treatment of diseases. In each session, there were three to five talks by scientists within the field presenting recent advances in their research.

Dr. Gary Johnson from University of North Carolina presented ways to quantitatively profile the kinome behavior in response to molecularly targeted kinase inhibitors. Specifically, he talked about the two approaches to profile kinome behavior – a nucleic acid-based approach based on Illumina deep sequencing and a protein-based approach using multiplex inhibitor beads. Dr. Tony Hunter from Salk Institute cautioned against using kinase inhibitors as a mean to treat cancer since a kinase can act as a tumor suppressor. He gave death associated protein kinase (DAPK) as a specific example. One of the keynote speakers, Dr. Susan Taylor from University of California-San Diego, chronicled the journey of solving dynamic PKA structure through the years.

There were two talks on Ras ubiquitination and a whole session of talks on mTOR signaling. One scientist talked about receptors activated solely by artificial ligands and one on the selective targeting of GPCR response, where only a subset of signal downstream is activated. To hear about such diverse topics on signaling from these established scientists was an overwhelming yet greatly beneficial experience for me and I learned a lot throughout the meeting period. In addition, I was also able to learn a great deal from the two poster sessions held during intersession. I found myself most interactive when I could talk to other people about their research and my own. I also presented a poster on developing a JNK kinase activity reporter. A lot of people visited my poster and suggested alternative ways to confirm my data or ways to use my reporters for various purposes. A few people even approached me or my PI to set up future collaborations, giving our reporter a chance to be useful for future research endeavors.

Since only about 200 people attended the conference, it was quite intimate and all the scientists seemed to know each other. There was a small group, although I was not sure whether jokingly or affectionately, calling a particular

scientist “Uncle John” for he was their next door uncle during their graduate or post-doc careers. During our free time, my friends and I were able to walk along or play Frisbee on the beautiful Maine beach lining the coastal region, which was about a five-minute walk from the UNE campus. This conference was not only a great scientific adventure but also a fun trip, and I would like to give the GSA my heart-felt gratitude for making it possible for me to attend this GRC conference.



GSA White-Water Rafting Trip to Ohiopyle, PA
Pictures courtesy of Katrina Jones

Even the World's Poorest Deserve Hopkins Medicine

by Matt Feldman, Michael Rogers, Mohammed Abdul Basit Khan and Jane Andrews

According to the World Health Organization, each year an estimated ten million people die from diseases that are treatable with existing drugs. Many obstacles keep people from accessing essential medicines, but it is very often the cost of therapies that is most prohibitive and that results in preventable suffering and death. What you may not realize is that Hopkins can play a prominent role in ensuring that medication prices are within the reach of patients in developing countries.

Universities drive scientific discovery that benefits the world. They are responsible for approximately half of basic biomedical research. A 2000 Senate report found that federally-funded projects at academic research centers accounted for 15 of the 21 most therapeutically efficacious drugs developed in the US. But when universities license these medical technologies exclusively to pharmaceutical companies, they become brand name life-saving drugs, making the cost of life too expensive for many poor people.

In 2001, students, scientists and Doctors Without Borders persuaded Yale and the pharmaceutical company Bristol-Myers Squibb to permit generic competition in sub-Saharan Africa with their patented HIV/AIDS drug Stavudine. The price of Stavudine soon dropped from a prohibitive \$1600 per patient, per year to just \$55 - a 96 percent reduction.

With encouragement from students and the international Universities Allied for Essential Medicines (UAEM) campaign, universities across North America have recently made large strides toward ensuring that life-saving drugs discovered on their campuses are affordable in the developing world. In 2009, Harvard, Yale and others committed to some fundamental principles: that medical discoveries made at signatory institutions must be available to patients in developing countries; that universities must undertake neglected disease research; and that an institution's success should be measured not only by royalties and revenue, but also by access to the knowledge and technologies it produces. The commitments have gathered momentum and 10 additional universities, the CDC and the NIH have subsequently signed on, with the

goal of "finding a way to share the fruits of what we learn globally, at sustainable and affordable prices, for the benefit of the world's poor."

Universities decide what they do with their discoveries. By neglecting to include provisions for equitable access in the licensing of university-developed therapies, universities allow the drugs that researchers create to benefit only a select few and remain inaccessible to the poor in developing countries. Ninety percent of the world's poor live in Africa, China and India, and together they constitute just over one percent of the global branded pharmaceutical market. Resistance on the part of the pharmaceutical industry based on profit concerns seems disingenuous. Fear on the part of universities seriously underestimates the power universities hold as engines of discovery in this process.

Hopkins is the largest university recipient of NIH funding, home to the largest and number one-ranked school of public health in the country, has the number one-ranked hospital in the nation and is home to research powerhouses like the Malaria Research Institute, the Center for Tuberculosis Research and Center for AIDS Research. If our school will not stand up for medication access for the poorest people in the world, against a defective system for spreading the fruits of research, we must rethink our Hopkins label as global health leaders.

Hopkins' apparent inaction in ensuring the affordability in developing countries of the lifesaving therapies our students and scientists produce with taxpayer support is troubling. We have fallen behind our peer institutions as they have collectively stepped up to the plate to make material commitments to access to medicines and the health of the poor in developing countries.

The Hopkins chapter of Universities Allied for Essential Medicines (UAEM) invites graduate student scientists and all members of the campus community to join us and other advocates by signing this campaign's petition at www.hopkinshasadrugproblem.com. With enough vocal student support, Hopkins could adopt a policy far and away better than that which Harvard and Yale have already signed. If not, Hopkins will surely start to lose its rank among universities as a global health leader. We will be watching closely. Join the Hopkins chapter of UAEM and help us bring Hopkins Medicine to the world.

The PDO Welcomes New and Continuing Students

It's been a while since the Professional Development Office appeared in these pages, so new student orientation provides a perfect opportunity to introduce – or reintroduce – the Office and its programs.

Your PDO serves students, postdocs, clinical trainees and junior faculty at all three schools on the East Baltimore Campus. We work in partnership with the GSA and other organizations to provide you with guidance in all career-related aspects of your experience here at Hopkins.

We are especially pleased to introduce our new Assistant Director. Audrey C. Trapp started on July 19, and comes to us with years of experience in career advising at Hopkins and elsewhere. She earned an MS in Educational Psychology from the University of Wisconsin-Milwaukee and is completing the Certificate in Advanced Graduate Studies in Clinical Counseling at JHU's School of Education. Audrey is certified in the Myers-Briggs Type Indicator, the Strong Interest Inventory, and other career and leadership assessment tools.

Our work is in three major categories – the Three C's. These are *Curriculum*, *Career Exploration*, and *Consultation*. Our Curriculum includes free courses on skills you need you move successfully into a career in science. These include Funding Your Research, Publishing Your Research, Presenting your Research, and Introduction to Research Leadership. These are offered in January and July; the next series is January 10-14, 2011. As the Director, I am in charge of the courses, but many colleagues around the campus collaborate in teaching and answering your questions. Career Exploration brings you speakers and panels on a range of professional destinations, academic as well as diverse careers in science. Our workshops help you acquire the tools to find advanced training or employment: CV and resume writing, interviewing, strategies for a job search, and more. We hold a Biomedical Career Fair in the spring, featuring companies, government agencies, and other employers from

across the spectrum of careers for scientists. The 2011 career Fair will be on March 16. These last few months, we have enjoyed the help of Dr. Sarah Poynton in conducting workshops. Our new Assistant Director, Audrey Trapp, now has major responsibility for this area. Finally, you may make an appointment for individual, confidential Consultation with our professional staff on any aspect of your career development, from looking at a draft of an Abstract to figuring out where to go from here.

We communicate with you by a weekly email newsletter, as well as through our Web site www.hopkinsmedicine.org/pdo, Facebook and Twitter. Michele Canter, our Administrative Coordinator, manages our communications. If you are not receiving our newsletter, please let us know so we can put you on the list. We announce courses, events, employer visits, internships, fellowship opportunities and much more. Coming up soon, for example, will be a new round of competition for the Ruth D.Vogel Travel Awards. To learn more about us and our programs, please see the Web site or contact us directly at jhmipdo@jhmi.edu, phone 2-2804. We can only help you if we know what you need.

Best wishes for success in your studies and your research!

Donna L. Vogel, MD, PhD
Director, PDO, JHMI
dvogel@jhmi.edu

are pleasantly but not excessively adorned with Poe memorabilia, including painted verses from his poems and a raven perched on the corner of a framed Poe portrait. Big band music plays softly in the background beneath the hum of diners' conversations. The space is pretty tight—prepare to be standing in a packed house on the weekends—but during the week, Annabel Lee is a pleasant setting for a drink and a decent meal.

On a recent visit to Annabel Lee, my husband and I were greeted by the friendly staff and settled in at one of the raised tables in the back. Unfortunately, we had just missed their happy hour (4:00 p.m.-7:00 p.m., Monday-Saturday, \$3 drafts and \$3.50 rails) but my husband opted to take advantage of the Resurrection on tap anyway. Annabel Lee offers a respectable drink selection, including a nice variety of beers and wines, Resurrection, Guinness, and Raven Lager on tap, and an array of Poe-themed martinis and cocktails. Descent into the Maelstrom anyone?

We began our meal by splitting the crab dip flatbread pizza (\$9), which arrived crisp and hot, topped with creamy, cheesy, crab dip and chopped tomatoes. The flatbread wedges were pleasantly arranged and added to the upscale comfort food experience. Annabel Lee offers several fancier entrees (curried blue crab, pasta primavera, grilled salmon) and generally has about half a dozen items on its specials menu. We've almost always had good luck with the specials and entrees, although I have previously found that the sweet, orange-flavored sauce drizzled on the orange roughy tacos makes for an odd flavor combination. That night we kept things simple and opted for sandwiches.

My husband ordered the pulled pork barbecue, which arrived with the slightly sweet and smoky meat heaped on a Kaiser roll (\$9.50). I decided on the Annabel Lee chicken salad (\$9), generously scooped onto thick slices of toast and pleasantly flavored with tarragon, bits of bacon, sweet bursts of Craisins, and just enough mayonnaise to hold everything together. Also good is the Annapolis grilled chicken sandwich, generously topped with cheddar cheese and the same house crab dip found in the flatbread pizza.

All of the sandwiches come with a side of blue cheese coleslaw and sweet potato fries, or you can substitute duck fat fries for an extra \$2. We opted

to sample both types of fries for variety. The hot, crisp, sweet potato fries, tossed in brown sugar and Cajun spices, are a long-standing, mouth-watering, favorite. However, the rich and savory duck fat fries, golden brown and sprinkled with rosemary, are also a pleasing alternative. Both are available as separate appetizers should you want to enjoy them along with a non-sandwich meal.

Annabel Lee is not big on desserts—they always have a few options available but it isn't their main focus. A chocolate chip cookie and ice cream "chipwich" appears with some frequency on the specials menu and is sweetly satisfying but unremarkable. That night we decided to try the Edgar A. Paté (\$7), which turned out to be two slices of thick, creamy dark and milk chocolate wrapped in a layer of white chocolate and served on a drizzle of raspberry sauce with a flourish of whipped cream. Also not particularly remarkable in flavor, but it made for a tasty and pleasant ending to a tasty and pleasant evening.

If you're looking for a drink and an enjoyable, reasonably priced meal that's a little off the beaten track, head to Annabel Lee and enjoy one of Baltimore's unique and hidden highlights.

Annabel Lee Tavern

601 S. Clinton Street Baltimore, MD
410-522-2929

Monday-Saturday; 4:00 p.m.-1:00 a.m.

The next newsletter submission deadline is October 15th!

If you would like to have your work published in The Restriction Digest, please contact an editor:

Juliane Lessard (jkellne2@jhmi.edu)
Elizabeth Eyler (ehuang11@jhmi.edu)
Arvin Gouw (arvingouw@jhmi.edu)

Please visit us on the web at:

<http://www.hopkins-medicine.org/gsa/newsletter/index.shtml>

The Hopkins Toastmasters Club

The Hopkins Toastmasters Club is the local branch of Toastmasters International. The official mission of a Toastmasters club is “to provide a mutually supportive and positive learning environment in which every individual member has the opportunity to develop oral communication and leadership skills, which in turn foster self-confidence and personal growth”.

The Hopkins Toastmasters Club meets twice a month. During each meeting, members and guests practice leadership skills by volunteering for leadership roles such as Toastmaster, Table Topics Master, Timekeeper, Grammarian, or General Evaluator, and practice impromptu speaking skills in one-to-two-minute “Table Topics”. Members also practice public speaking skills by giving prepared speeches from manuals provided by Toastmasters International, in which each assignment is designed to develop a specific skill, such as organization, vocal variety, or physical movement. Members receive constructive criticism for their speeches from other members in the form of evaluations given as speeches, which provides yet more practice for impromptu public speaking. At the end of each meeting, members and guests vote for the Best Table Topic, Best Prepared Speech, and Best Evaluation. Members also have the opportunity to participate in regional Toastmasters International speech competitions, and receive recognition from Toastmasters International for the completion of each manual.

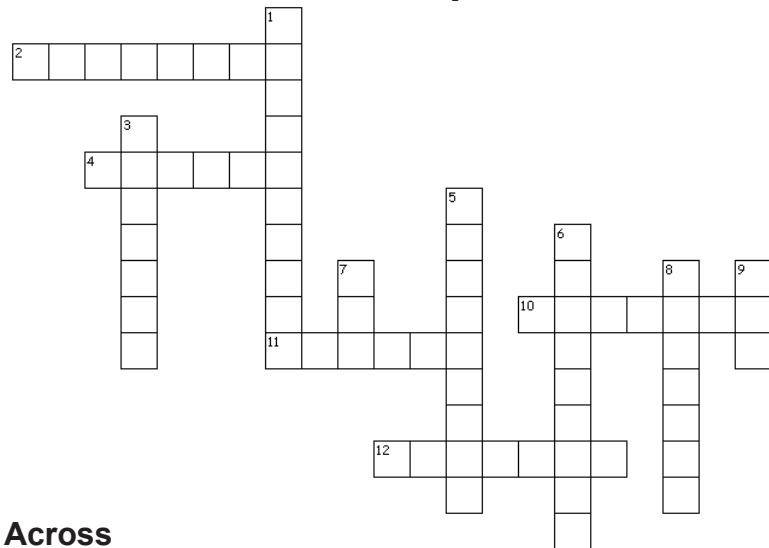
To learn more, please contact Hopkins Toastmasters Club president Elizabeth Petro at epetro1@jhmi.edu.

Hopkins Housing Forum

Looking for a place to live in Baltimore? Need a roommate? Check out the interactive housing website set up by the graduate student organization (GRO) at the Hopkins Homewood campus!

<http://groups.google.com/group/gro-housing>
<http://www.jhu.edu/gro>

Get to know Hopkins!



Across

2. Characteristic building type in Baltimore
4. Building at the School of Medicine
10. Famous Baltimorean Horse Track
11. Number of times Johns Hopkins Hospital has been ranked #1 among U.S. hospitals
12. Johns Hopkins University mascot

Down

1. Baltimore neighborhood featured in “Sleepless in Seattle”
3. Lord Baltimore’s actual name
5. Grad students’ favorite activity!
6. Johns Hopkins’ birthplace
7. “All that we see or seem is but a dream within a dream”
8. Actor portraying Dr. Alfred Blalock in “Something the Lord Made”
9. “Veritas ____ liberabit”

Find the answers on our website!

<http://www.hopkins-medicine.org/gsa/newsletter/index.shtml>

A Message from the Office of Student Financial Aid Services

Welcome Back Graduate Students!!!

The Office of Student Financial Aid Services welcomes our new and continuing students to the 2010-2011 academic year. We look forward to assisting you with the process of applying for financial aid. You may also utilize our office to receive information about managing your debt and financial literacy tips. Please be on the lookout, as we will provide some of these helpful tips in upcoming issues of The Restriction Digest.

Intimate Partner Violence: Recognizing Harmful Relationships



What is Intimate Partner Violence?

Intimate Partner Violence (IPV), also called domestic violence, battering or spouse abuse, is violence of a physical, sexual, or psychological nature, including stalking by a current or former intimate partner or spouse. Victims of IPV include both women and men and it can occur among heterosexual or same-sex couples.

IPV can happen to anyone, yet it is often overlooked, excused, or denied. This is especially true when the abuse is emotional, rather than physical. Emotional abuse is often minimized, yet it can leave deep and lasting scars and may result in serious health problems such as eating disorders, depression, anxiety, post-traumatic stress disorder and insomnia. According to the Centers for Disease Control and Prevention¹ (CDC), IPV often begins with emotional abuse and progresses to physical or sexual assault.

IPV may include one or more of the following types of behavior²:

Physical Violence – the intentional use of physical force (e.g., shoving, choking, shaking, slapping, punching, burning, or use of a weapon, restraints, or one's size and strength against another person) with the potential for causing death, disability, injury, or physical harm.

Sexual Violence – use of physical force to attempt to engage someone in a sexual act when he or she does not or cannot consent, whether or not the act is completed; an attempted or completed sexual act involving a person who, because of illness, disability, or the influence of alcohol or other drugs, or because of intimidation or pressure, is unable to understand the nature or condition of the act, decline participation, or communicate unwillingness to engage in the act; or any other abusive sexual contact.

Threats of physical or sexual violence – communicates the intent to cause death, disability, injury, or physical harm through the use of words, gestures, or weapons.

Emotional Violence – traumatizes the victim by acts, threats of acts, or coercive tactics (e.g., humiliating the victim, controlling what the victim can and cannot do, withholding information, isolating the victim from friends and family, denying access to money or other basic resources).

Stalking – stalking generally refers to harassing or threatening behavior that an individual engages in repeatedly, such as sending the victim unwanted presents, following or laying in wait for the victim, damaging or threatening to damage the victim's property, appearing at a victim's home or place of business, defaming the victim's character or spreading rumors, or harassing the victim via the Internet by posting personal information.

¹ Understanding Intimate Partner Violence Factsheet, http://www.cdc.gov/ncipc/dvp/ipv_factsheet.pdf

² Intimate Partner Violence, <http://www.ojp.usdoj.gov/nij/topics/crime/intimate-partner-violence/welcome.htm>

at Hopkins. We want to create an experience that you will look back on fondly when you continue forth in your career.

While you are all here with a specific end goal, the GSA will help you enjoy the time between today and the day you achieve that goal. To that end, the GSA would like to invite you to our monthly meetings, and especially to our events, which in the past have included:

- Regular happy hours
- White water rafting
- Pirate Cruise
- White House tour
- Ghost tours
- Brewery tours
- Renaissance festival

The GSA also hosts speakers, acknowledges a teacher of the year (which you will get to vote for this year!), hosts a poster session in which you can compete, and provides travel grants.

Please feel free to take advantage of the resources available to you through the GSA and our partners (please see insert in GSA packet). If you experience any difficulty, be it personal or professional, we hope you will think of the GSA and contact us for help and guidance. We are your representation as the student body, and it is our aspiration to be of the utmost use and functionality to you – our students, our most valuable resource, and our most important asset.

Enjoy your graduate career. Work hard, focus, and achieve. You have proven that you are amongst the best in your field and we are confident that Hopkins will provide you with the inspiration and amenities to continue your personal success. We look forward to you becoming a part of the legacy that is the Johns Hopkins tradition of excellence.

Sincerely,

Stefani Fontana

President-Elect, GSA

gsa-g@jhmi.edu

Word Search Puzzle

D U M J D A P A H E E G E T G
O R I O L E Y I M L R E K H T
L C A K U E A Y I A B A E O Z
P R V S P R Z S D H D X L M J
F S N D R N A U Z R X B U A E
U Z R R E P A V T P N M E S F
C X V A A T T X E R S W J A P
R S W Y E N Y U E N G L I N G
A T R N W R T T C V S R G O C
B Y V E E O S I B T C P Y I O
C T A D P E H O B Y T T A N D
A M G M W O T I Z O Q V I M T
K Y B A Q S O Z U B D U Y R S
E L S C A A S C K U J Y Z Y O
K H G Y F Q C H X O P D K I P

ANTIBODY
CAMDEN YARDS
COOPERS
CRAB CAKE
ELISA
ENZYME
GRADUATE
NATTY BOH

ORIOLE
PCTB
POSTDOC
RAVENS
THOMAS
WESTERN BLOT
YUENGLING

Are classmates always asking you to look over their essays? Incorrect punctuation just really gets under your skin? You always make sure your power point figures are balanced, perfectly straight, and all in the same font? You would like to get involved in the graduate student community and add some pizzazz to your resume? We're looking for people just like you to join our editorial team at *The Restriction Digest*!

Look out for an email about our first editorial meeting in September!

