

First semester Honors Project students and creators of *The Labyrinth*, Laila Talpur (left), and Dee Dee Pickard (right).

Image by Paulina Alcordo At AGS Human Rights Day event. November 13, 2013.



NEWS

The Art of Annotated Bibliographies

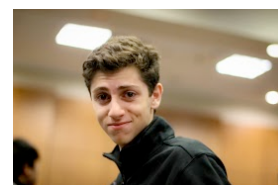
*Written by Kate Lyn Sutherland
Edited by Laila Talpur*

On Friday, November 1st, honors students were on a mad dash to complete their annotated bibliographies. This included early morning touch ups and wandering the halls in search of foundation instructors to collect signatures for bibliographies. When the annotated bibliography assignment was introduced, it was new to many of us and challenging. Collectively, honors students have written bibliographies hundreds of times before, but annotated bibliographies? What was different with this new approach to gathering and citing our sources?

Contd. on pg 2

Really, What Are Honors Option Points?

*Written by Hanna Haddad
Edited by Tim Maxwell*



Dear Honors Students,

As many of you well know, Professor Maxwell and I have been working on creating an Honors Option Points (HOPs) online survey to collect information about the seminars you've completed and the Honors Option Points that you've earned.

But really, what are Honors Option Points?

Honors Option Points provide you with Honors Project recognition for many of your academic activities, contributions to your college, and intellectual achievements. The number of HOPs you earn will determine what level you achieve. To become an "Honors Scholar," you must earn at

Contd. on pg 4

TABLE OF CONTENTS

NEWS

The Art of Annotated Bibliographies
By Kate Lyn Sutherland.....pg. 1

Really, What Are Honors Option Points
By Hanna Haddad..... pg. 1

What's Next? Choosing Your Spring 2014
Honors Course
By Tim Maxwell..... pg. 4

FEATURED

Elena Roldan: The Honors Project Comes Into
Fashion.....pg. 3

SCIENCE CORNER

Cosmic Agriculture
By Jane Shtalenkova.....pg. 9

Comet ISON is Coming!
By Steven Byers.....pg. 10

TRANSFER/ SCHOLARSHIPS

NASA CPAIR 2013 Internship
By Ivonne Fajardo.....pg. 10

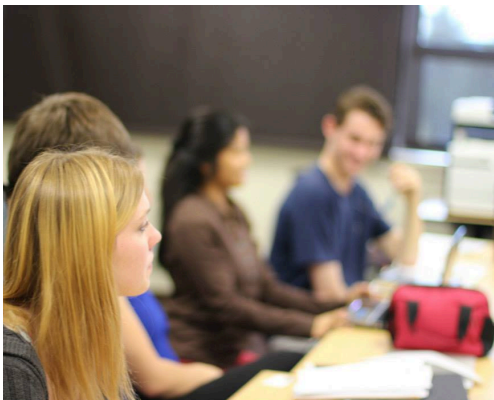
SPOTLIGHT ON:

Lukas Fragdot.....pg. 11

CALENDAR.....pg. 11

WORKS IN PROGRESS.....pg. 12

CONTRIBUTORS.....pg. 12



Kate Lyn and fellow Honors students learn the art of writing an annotated bibliography.

Image by Laila Talpur

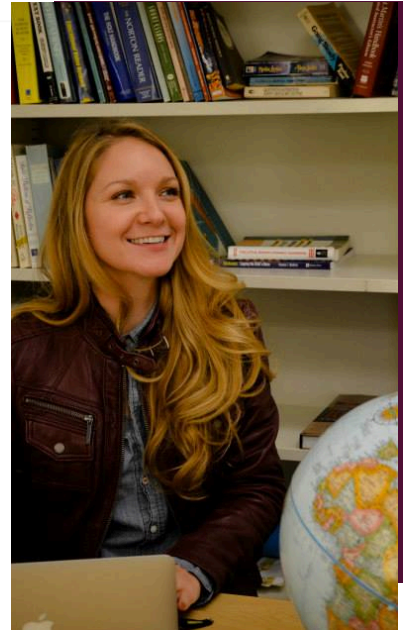
The Art of Annotated Bibliographies continued from page 1

LETTER FROM THE EDITOR

Hello CSM Community,

Over the past few weeks, the Honors Project news staff has been diligently preparing for the debut of this, our first edition. We are pleased to present you with *The Labyrinth*, 1st edition!

I couldn't be more pleased with the quality of content and level of enthusiasm I've seen in response to the idea of an honors newsletter. As the editor-in-chief and a brand new honors student myself, I've been learning the ropes as I've gone along. Many thanks go out to those who made the creation of this premier publication possible: the authors, photographers, contributing editors, and the honors project coordinators. A special thanks to Laila Talpur, our Managing Editor, for her final touches and wonderful images and to Professor Timothy Maxwell for his inspiration and for graciously fielding our



Dee Dee Pickard

endless stream of questions.

Media consumption is such a hot topic these days. What we choose to feed our minds with has a powerful impact on our lives, and as editor, I take seriously my responsibility to the CSM public to publish a credible, pertinent, and polished product.

I hope that the ongoing publication of *The Labyrinth* will serve to inform the many constituencies at CSM--the student body, faculty, and the surrounding community--about the remarkable work being done by Honors Project

students, the Honors

students themselves, and diverse perspectives within the Honors Project. I hope that *The Labyrinth* will attract active, inquisitive thinkers--both prospective students and instructors--to consider participating in the Honors Project at CSM. And finally, I hope this newsletter is successful in portraying our rich, diverse, and fascinating academic community and the vibrant culture alive in every corner of our campus.

Happy reading!

Dee Dee Pickard
Editor in Chief

Annotated bibliographies are actually much more than a simple list of texts, their authors, and their publication dates. First, we had to provide a concise analysis of the issues we were addressing, our claims, our reasoning, a description of our audience, and even what "the other side" had to say. The annotations were compact analyses of each of our sources: their credibility and authority and

their role in our research. We developed these with the help of our Foundation teachers, the librarians, and, of course, Google. The assignment was a tool to guide us in our research, to tell us what we had and what we still needed to find out.

The work we did here, as hard as it was, is paying off with the amazing projects we are creating. Next step, outline, and then...

International Fashion Show images by Michelle Chan



Elena Roldan: The Honors Project Comes into Fashion

Edited by Dee Dee Pickard

The members of the Honors Project form an eclectic group of academics here on the CSM campus. With research ranging from organic farming to the science of movie cameras, a true reflection of diversity shines throughout the community, and it's impossible not to take notice of the remarkable ideas these enthusiastic and talented students generate.

One such idea, spearheaded by Physics Honors student, Elena Roldan, was recently realized as the CSM Fashion Club made its debut on campus. Ms. Roldan, a graduate of Aragon High School and a business administration major with plans to transfer to San Francisco State University, was able to answer a few questions about her inspiration for the new club and the topic which she's chosen to research in depth for her honors paper.

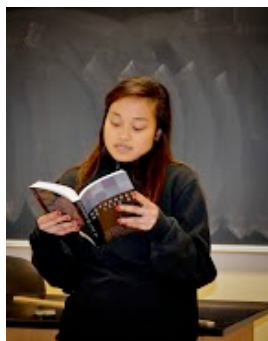
The Labyrinth: When did you become interested in fashion?

Elena Roldan: I first became interested in fashion when I was a child. I blame Barbie! And my mother. But in a good way! My mother always dressed my sister and me up in matching bows and dresses, and I think that had an effect on me. That's probably why I love dresses and bows so much! I remember we even used to make necklaces and jewelry together. My mom would always encourage my sister and me to be creative and express ourselves no matter what people thought. She's a lot of the reason why I came to love fashion.

TL: What are your favorite aspects of fashion?

ER: I love how fashion, not necessarily describes who you are,
Contd. on pg 8

FEATURED



Really, What Are Honors Option Points? continued from page 1

least 12 HOPs from the list, which includes more than 20 different ways to “HOP.”

Get above a 3.75 GPA one semester? One point. Serve as president of a club? Another. The HOPs system is designed for you guys to go out there and get involved in your learning and in the college community, to really develop as a student and as a campus leader. By the time you’re done at CSM, many of you will have many more than the requisite 12; and for the top earners there will be a special recognition and potentially scholarship opportunities.

Take a look at the list (located in the Honors Lounge and soon in your Inbox) now, and start calculating how many you have already earned! The first on-line survey will be sent to you this week and due back to the Honors Office by December 14th.

Sincerely,
Hanna Haddad

What’s Next? Choosing Your Spring 2014 Honors Course

*Written by Tim Maxwell
Edited by Dee Dee Pickard*

Calling all prospective and continuing honors students! It’s that time again. In what direction will your intellectual curiosity--the essential motive of your research projects--propel you next semester? If you haven’t already done so, now is the time to conceive of and commit to that all-important pairing of a transfer-level class and an Honors Seminar. For the spring, the Honors Project is offering three seminars: BIOL 329 with Prof. Chris Smith, ENGL 329 with Prof. Tim Maxwell, and FILM 329 with Prof. David Laderman. Which one will you choose?

For those looking to do research in the Math/Science area, Chris Smith, professor of Biology, will be teaching a seminar introducing the field of bioinformatics, the study of encoded information in biological systems, what he calls a “new and burgeoning field.” Carry out investigation in biotechnology, health and medicine, computer science, or math and statistics. BIOL 329 (CRN 44517) will meet Thursdays 12:10-2:00pm.

In the Humanities area, you have two options.

David Laderman, professor of film, in his seminar “Honors Remix” will explore the wild world of copying, sampling, mash-ups, copyright, and the question of originality itself. These questions and their inherent issues are at the heart of culture, history, the arts, and literature. FILM 329 (CRN 43641) will meet Thursdays 2-4pm.

Once again, Tim Maxwell, professor of English, will be fomenting projects with the theme of Revolution, examining the phenomenon of BIG CHANGE in the humanities, politics, social sciences, and the arts. What is the nature of the moment when the prevailing order of things becomes so intolerable that a new order is made to take its place? ENGL 329 (CRN 44294) will meet on Wednesdays 1:30-3:30pm.

If you have any questions, feel free to make an appointment with David or Tim, your Honors Project Co- Coordinators.



Top:
Paulina Alcorido

Bottom:
Hanna Haddad and
Tim Maxwell

Photos by Laila Talpur

SPRING 2014 HONORS PROJECT SEMINAR OFFERINGS

THE LABYRINTH DECEMBER 2013



revolution

Understand **Big Change**



Join the **Honors Project**

& enroll in Tim Maxwell's

ENGL 329 CRN 44294

W 1:30-3:30

maxwell@smccd.edu / (650) 574-6332

collegeofsanmateo.edu/honorsproject

ENGL329
CRN 44294
W 1:30 - 3:30
Timothy Maxwell

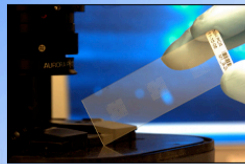
BIOL329
CRN 44517
Th 12:10 - 2:00
Christopher Smith

FILM329
CRN 43641
Th 2:00 - 4:00
David Laderman

Encoded Information in Nature and Beyond

BIOL 329 Honors Project Seminar

Bioinformatics is the study of encoded information in biological systems. Advances in technology to extract this information from DNA, the encoding molecule, has led to a shift in our understanding of life and has presented us with opportunities to manipulate this molecule and therefore change living things themselves.



The abundance of information and the need to understand this new and growing field presents us with opportunities to research and investigate in the fields of biotechnology, health and medicine, computer science, agriculture, math and statistics.

The spring 2014 Science Honors Seminar will explore the research opportunities in this new and burgeoning field.



Th 12:10-2 pm / CRN 44517

Instructor: Christopher Smith

smithchris@smccd.edu (650) 574-6516

Join the Honors Project! collegeofsanmateo.edu/honorsproject/

Honors *Remix*

FILM 329 Honors Project Seminar

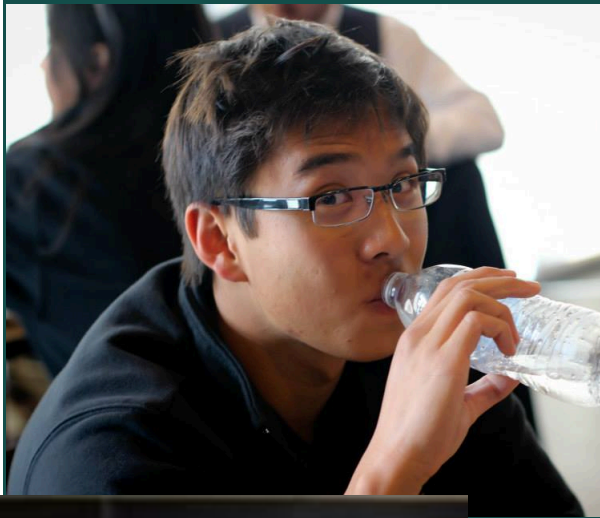
Collage Re: Search Montage
Remix **Research**
Sampling Mashup  Copyright
Wrong Copy/Paste

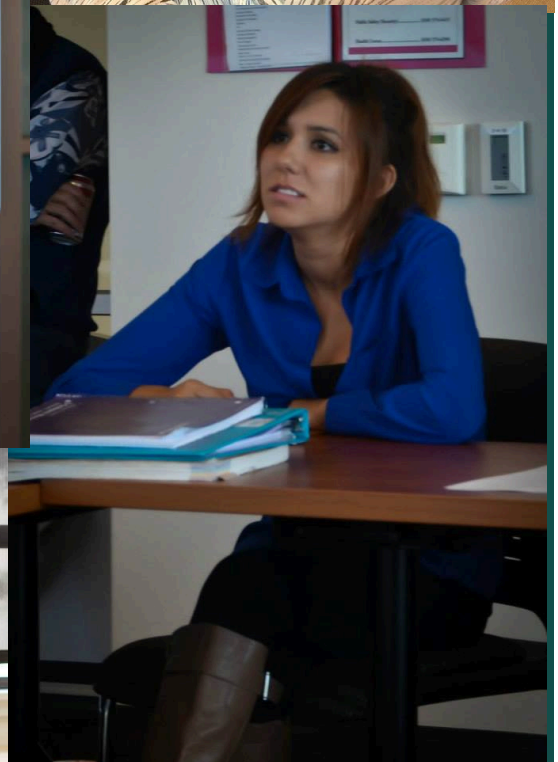
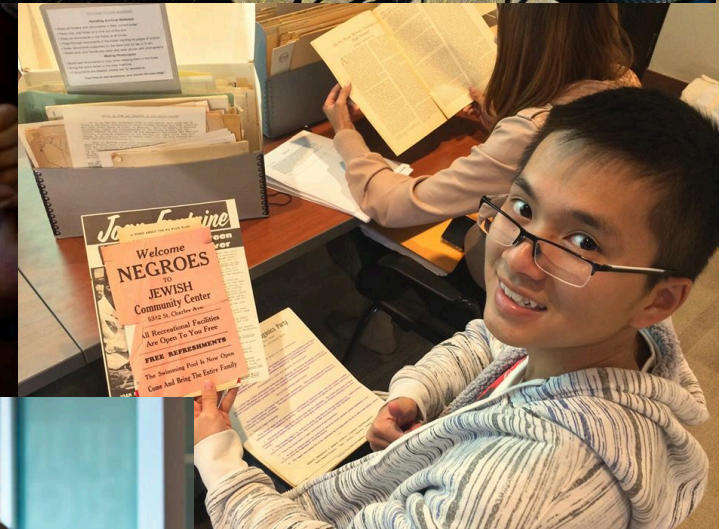
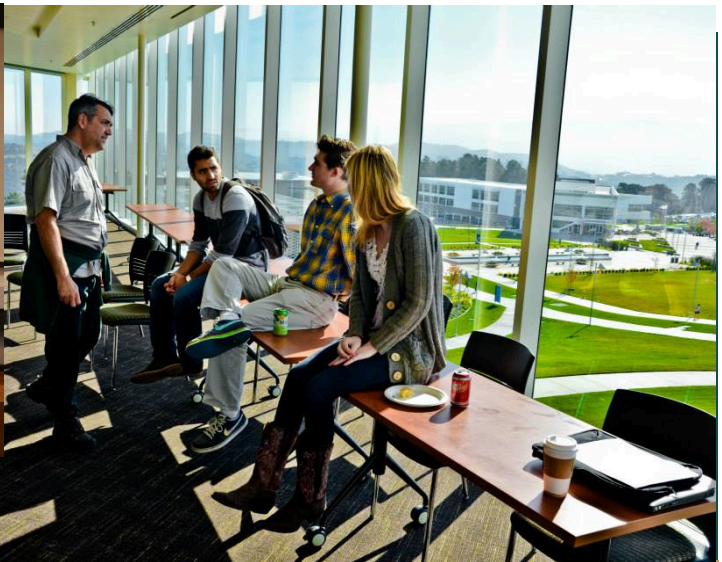


Th 2-4 pm / CRN 43641
Instructor: David Laderman
Laderman@smccd.edu (650) 574-6302

Join the Honors Project! collegeofsanmateo.edu/honorsproject/

MOMENTS





Elena Roldan: *The Honors Project Comes Into Fashion Continued from page 3*

but it describes a part of you. Just because you wear baggy sweatpants doesn't mean you're a lazy slob. A dress and high heels doesn't mean you're a princess, and wearing a plain t-shirt and jeans doesn't mean you don't care. Fashion expresses a part of you, but it doesn't define you. I love that about fashion. What you wear makes a statement about yourself, and you decide what you want to say.

TL: What was your inspiration for starting the fashion club?

ER: Canada College has their own Fashion Club because they are the school with the fashion department, so I thought, *hey just because we don't have a fashion department, doesn't mean we can't have a fashion club!* I knew there were a lot of students on campus who, like myself, have a passion for fashion, so I wanted to create this club in order to bring us all together. We have members who are crazy about fashion, and others who simply just want to learn more about [it].

TL: What obstacles did you encounter starting this club?

ER: There's a rule that an advisor or chaperone needs to be at all club meetings, otherwise you can't meet, so I hit a bump in the road trying to solve this problem. Luckily, the problem was solved, and I have a super awesome professor to thank for that! Shout out to Professor Ambrose! Many thanks!

TL: What is your vision for the future of the Fashion Club?

ER: My vision for the Fashion Club is to make it a place where students are free to be creative and express themselves. We all have different styles and fashions, but we all come together because we have the same passion for fashion! I really envision the club to be encouraging of the student body, encouraging and inspiring students to express themselves in fashion and to feel free doing so, free of judgement.

TL: You recently hosted an International Fashion Show in front of Building 10. What made you want to put together this kind of event?

ER: I was actually first tipped off by Maggie Garcia who is the Chair of the Programming Board of ASCSM. She suggested, some time in early October, that I could maybe work with [International Club's event] and collaborate to do a fashion show. I'm good friends with the President of the International

Club, Melissa Khoo, so we talked, planned, and made it happen. Since it was during International Week, rather than having a regular Fall fashion show, I thought it would be cool to have an international fashion show. I love learning about all the different fashions from all around the world. Each country is so different and so unique, it blows me away. I wanted to display that kind of diversity here at CSM, so I thought this show would be the perfect opportunity! We all come from different backgrounds, and we're all unique in our own ways, but we all come together as one school community, and I think that's amazing. I wanted to inspire other students to be proud of their cultures and where they come from. The show was absolutely fantastic, and I am so proud of all the models who participated in it! They were fabulous! Fierce!

TL: What other plans are in the works?

ER: We have lots of plans in the works. I'm so excited! Next semester we're already planning on doing at least 3 Fashion Shows. The first one we want to do will take place in January, and it will be a charity fashion show to raise money for the Philippines. We're planning on making it a teacher fashion show. We want to call it, "Meet the Professors!" We are also collaborating right now with Humanitarian Club to set up a clothing drive on campus. Humanitarian Club is hosting a food drive [and] we're going to do a clothing drive. We are also collaborating with the Makerspace Club to host Makerspace events of things like jewelry making and other DIY projects. I also plan to have an event where our members can showcase all their works from jewelry they made, to designs they've drawn. We also have plans to collaborate with the Theatre Production club to make some of their costumes for their spring musical. Stay tuned!



"I'd love to start my own business. I plan to use what I learn from being a part of the Honors Project."

TL: What's the topic of your honors paper?

ER: The topic of my honors paper is predicting fashion trends. I'm trying to predict fashion trends, and I'm relating the significance of fashion trends to the trends of the economy. Right now it looks as if I can just predict trends via graphs. It's really cool and it's gotten really interesting. There's a lot more to trends than I thought there were!

TL: It looks like your paper ties in nicely with your passion and your new club. What are your plans for the future? How would you like to use your honors research in your future career?

ER: I plan on getting my bachelor's in business administration with a concentration in Management. At SFSU they have something called the Fashion Network Association, which I really want to get heavily involved in while I attend SFSU. After my bachelor's, I'm planning on going for my master's degree, and getting internships that I hopefully acquire from networking through the Fashion Network Association. For starting my career, I would love to work somewhere in the fashion industry and down the road,

maybe when I'm more settled, I'd love to start my own business. I plan to use what I learn from being a part of the Honors Project, and doing this research paper. This program, I think, has really prepared me for [higher] levels of education such as getting my master's degree. I had the liberty to focus and to research something I am really passionate about, and to be able to do something like that, I think, is really amazing. It's definitely allowed me to learn more about my career than what I started with. It's really opened up my eyes.



Cosmic Agriculture

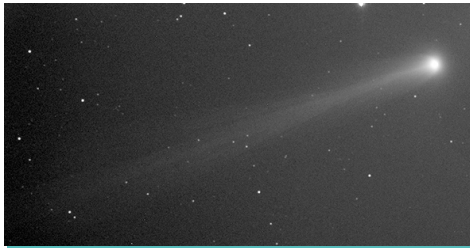
*Written by Jane Shtalenkova
Edited by Dee Dee Pickard*

Humans have dreamed and written about living on other worlds for a very long time. Now, it seems we are ever closer to realizing that dream. One important factor that will determine the size of extraterrestrial human colonies will be the amount of food that is available. For a small crew, bringing enough food and water is just a matter of planning. For an entire colony however, the energy needed to transport the appropriate mass of food becomes immense! One alternative to bringing it all along is to grow it at the destination. During his lecture at the College of San Mateo in October, Dr. Chris McKay of NASA Ames Research Center introduced his lunar

germination experiment: a small canister of seeds in soil medium would be ferried to the moon by spacecraft to test whether the seeds would germinate and display regular growth patterns. The spacecraft, built by Moon Express and scheduled to launch in 2015, is one of the entries in the Google Lunar XPrize Competition, in which, privately funded companies compete to get a spacecraft to the Moon. Another body that promises the potential for human habitation is Mars. The Martian surface was once covered with water and several propositions have been made to try and grow vegetation in its rusty soil. The recent discovery of perchlorate, gathered from the

Martian surface by Curiosity, does not bode well for this idea. Perchlorate is toxic to humans and if crops growing in the soil were to extract some of the substance they would be inedible.

For now, it seems that an air-locked greenhouse may be the only way to cultivate plant foods outside of Earth. Ongoing experiments at the Mars Research Laboratory in Utah are trying to determine how decreased gravity and low atmospheric pressure will affect nutrient and water delivery to and through plants. For now, to all earthlings, there is no place like home!



Comet ISON
 Photo by Dean Drumheller
 CSM Observatory

Comet ISON is Coming!

Written by Steven Byers
 Edited by Dee Dee Pickard

Recently passing Mars, ISON is heading for the sun, but not before the earth gets a preview. Around mid-November, ISON will become visible to the naked eye for a few days before it heads toward its one solar radius orbit around the sun during which it will boil. If it survives, it has the potential of putting on a spectacular light show from early December through mid-January. It might be among the brightest comets of the last 50 years, and will be visible all night long in the Northern Hemisphere. Comet ISON was discovered by astronomers in September 2012 and is named after the International Scientific Optical Network, a collection of observatories in 10 countries organized to track objects in space. It's size was measured by the Hubble Telescope in April indicating a nucleus three to four miles in diameter, a coma estimated to be over 3000 miles across, and a dust tail which extends more than 57,000 miles.

Update: Over the Thanksgiving break, comet ISON's brush with the sun resulted in what appeared to be an explosion of the comet.



Images by Timothy Maxwell

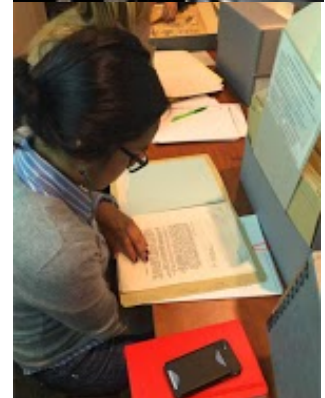
NASA CPAIR 2013 Internship

Written by Ivonne Fajardo
 Edited by Dee Dee Pickard

During the Fall 2013 semester I began working alongside graduate students at SFSU and UCSF to help complete their projects focused in Electrical Engineering. Both of these projects are hoping to create and patent new bio-medical devices. The project which I have worked most closely with is attempting to create an extremely efficient charging device for other medically implanted devices such as prosthetics and pacemakers. As of now, most of the charging devices are not efficient, and this new device is a never-before-used method to charge these devices.

The internship had a very steep learning curve at the beginning and demanded that I learn electromagnetism concepts and formulas, and software in a very short time span. I have learned not only how to construct the concept for the circuit board, but also how to use different simulation software to test it, and then physically solder it together! It has been an amazing experience where I have not only learned a lot, but actually helped contribute to an invention that may someday impact people's lives positively.

I have been chosen to join these students during the Spring 2014 NASA CPAIR internship and hope to make more progress on this project!



TRANSFER & SCHOLARSHIPS

SPOTLIGHT ON: Lukas Fragdot

Edited by Dee Dee Pickard

The Labyrinth: What is the most exciting thing about being an honors student?

Lukas Fragdot:
I've meet some absolutely wonderful people. We spend so much time talking about things you just don't talk about in typical college courses (often over sushi).



TL: How has the Honors Project enriched your understanding of your foundation course?

LF: Thanks to my amazing professors, Mohsen Janatpour and Rob Komars, I have been challenged to take risks and tackle many advanced concepts and ideas. These challenges have necessarily required a deeper understanding of the foundation course material. Don't tell

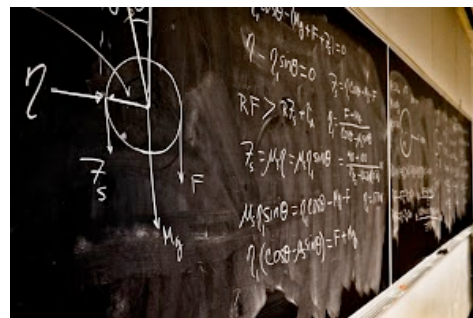
Mohsen, but it makes the foundation course more fun, too.

TL: What was the title and subject of your previous honors research paper?

LF: My research paper was titled "The Radial Velocity Method of Extrasolar Planet Detection: Finding Earth-like Planets". By measuring how distant stars wobble, we can determine the size of the planets that orbit it. My paper explained this method, compared it with other methods, and explained how the method is important to finding Earth-like planets around other stars.

TL: What field are you hoping to break into once you finish your studies?

LF: My dream job is to write poetry, fiction, and popular science books. However, I would die happy if I spent my life doing research, astrophotography, or teaching at a college or university.



Lukas Fragdot image by Dee Dee Pickard

Calendar/ Important Dates

Submissions of drafts to foundation instructors: 12/2
HOPS submission deadline: 12/11
Final submissions due to seminar instructors: 12/9
Finals week: 12/12 - 12/18
Honors Project Showcase: 12/17 4-6:30 pm
Honors Symposium deadline for submissions: 2/14/14

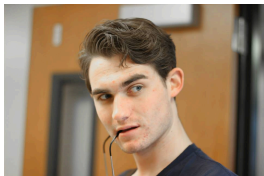
December 2013

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2 Submissions of drafts to foundation instructors	3	4	5	6	7
8	9 Final submissions due to seminar instructors	10	11 HOPS submission deadline	12 Finals Begin	13	14
15	16	17 Honors Project Showcase	18 Finals End	19	20	21
22	23	24	25	26	27	28
29	30	31				



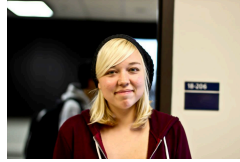
“My project claims that local and organic farms, when measured holistically, are more productive than non-organic farms of similar size. The support of local and organic farms will promote their positive impacts upon the surrounding environment and tap into their potentials to construct a social community in the nearby area.”

-Eleni Jacobson
English 329



“I am trying to locate where violence is represented in the brain and identify the causes that make that part of the brain activate in a revolution setting. When a living necessity is drastically restricted and if the population has a feeling of aggression towards the government and that aggression is not resolved, eventually the population responds in violence.”

-Jason Dutton
English 329



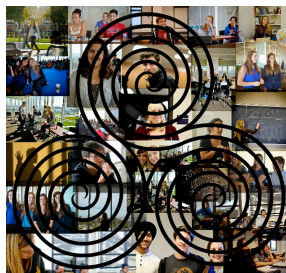
“I am analyzing Allen Ginsberg's poem "Howl," and I will show how Allen Ginsberg's writing, his travels to Morocco, and his lifestyle were forms of resistance against U.S. capitalism and consumerism in the Vietnam War era.”

-Louise Noble
English 329



“I am researching what cost Mandela's alliance with Monsanto has had on the indigenous people of South Africa and their agrarian land. My claim is that, in order for the ANC movement to succeed through the newly formed government, Mandela corporatized agrarian land as a means to globalize South Africa.”

-Erin Harris
English 329



“I will explore, in my research, the idea that, although there is definite evidence which removes man from his perch at the physical center of the universe, the Copernican revolution was unsuccessful in moving man from the center of his own mental experience. This imperialistic mentality persists in the form of talk of colonizing Europa.”

-Dee Dee Pickard
Physics 329



“I am looking at the video camera's technological progression and how it has had a direct impact on the optical quality of film which has constructed distinct perspectives of realities to viewers by manipulating their conceptual systems.”

-Laila Talpur
Physics 329



CONTRIBUTORS



Editor in Chief: Dee Dee Pickard
Managing and News Editor: Laila Talpur
Transfer Editor: Ivonne Fajardo
Science Editor: Jane Shtalenkova
Works in Progress: Eleni Jacobson