



## Odden To Lead Student Research Team in Collaboration with NASA

By EMMA MEHLMAN

Caroline Odden will join National Aeronautics and Space Administration (NASA) research astronomers to identify a mysterious cluster of blue celestial objects.

NASA selected Odden along with five other educators to work with Dr. Steve Howell and Dr. David Ciardi, two NASA astronomers, as a part of the NASA/IPAC Teacher Archive Research Program (NITARP). The six chosen participants will present their findings to the NASA team next January.

According to a NITARP press release, NITARP expects the participants to involve their communities in their research. The selected high school teachers will be assembling teams of students to join their project. Odden will be offering a weekly astronomy option this spring for students interested in assisting her with the NASA classification project.

Odden and her students will analyze the 300 blue objects spotted by the Kepler satellite, a capsule that was sent into orbit in 2009.

The purpose of the Kepler satellite was to find planets in other solar systems, according to Odden. NASA will have Odden and the five other educators identify the blue cluster because the Kepler scientists will not be examining the blue objects

photographed by their craft, and instead continue searching for other planets.

Because the objects appear blue, Odden and her students will look for celestial artifacts that typically appear blue in satellite images, including active galactic nuclei, which are galaxies with black holes at their centers, planetary nebula nuclei, which are small, dying, stars, white dwarfs and cataclysmic variables.

The team will use public archival data to analyze the light the objects emit, which will help Odden and her students categorize them.

In addition to working in Odden's astronomy project, two students who have yet to be selected will also accompany Odden to California Institute of Technology this summer for a week of work. When the teachers and scientists present their findings next January, those two students will accompany Odden as well.

There are no prerequisites for participation in the program and students of all classes can enroll. However, Senior participants will not be able to travel with Odden this summer or in January, according to Odden.

To begin the project, Odden traveled to Austin, Tex., to attend an American Astronomical Society (AAS) meeting and introduce

*Continued on A4, Column 2*



S.DIEKEMA AND S.MORELAND/ THE PHILLIPPIAN

Who are these people? And why are they on the front page?

## After 28 Issues, CXXXIV Bids Farewell to the Newsroom

By CONNIE CHENG

Sheltered from the chill of a winter evening, members of *The Phillippian* Board CXXXIV busted into the newsroom for the last time as they prepared to hand the paper over to the new *Phillippian* Board CXXXV.

This issue marks the last for CXXXIV and the first for CXXXV. Samuel Green '13, former Copy Associate, will succeed Maxwell Block '12 as Editor in Chief. Block said, "CXXXV

has a high ceiling, and I'm looking forward to seeing what they do. I'm going to miss having access to the optimal Ripstik zone in the universe, which is, of course, the newsroom."

"I look forward to seeing Sam shape the legacy of CXXXV for the history of *The Phillippian*," Block continued.

Green said, "Max and the rest of CXXXIV are leaving the paper in really good shape, and I hope to continue that trend. They've set a really high

standard for editorials, and I think my goal is to maintain that high standard and possibly even surpass it."

Brian Delaney '12, Executive Editor, Apsara Iyer '12, News Director, and Eve Simister '12, Managing Editor, will also complete their tenure on Upper Management.

CXXXV will inherit a new structure of Upper Management, with two Managing Editors and no News Director.

Executive Editor Connie Cheng '13, former News

Associate, Managing Editor Greg Cameron '13, former Sports Associate, and Managing Editor Nicole Ng '13, former Arts Associate, will join Green on CXXXV's Upper Management.

Delaney said, "I was once told by a great philosopher that running *The Phillippian* is like being behind the wheel of a Ferrari. Let's hope CXXXV doesn't crash it."

"My new free time will be split between destroy-

*Continued on A5, Column 3*

## BARBARA LANDIS CHASE DECLARES HER FINAL HEAD OF SCHOOL DAY



S.DIEKEMA/ THE PHILLIPPIAN

Students are delighted by Chase's Head of School Day theatrics.

For the last time as Head of School, Barbara Chase announced Head of School Day yesterday.

Caution tape marked off an area of Lower Right, seemingly for construction.

Instead of through

the front door as in the past, Chase entered Commons through the back to surprise students. She climbed up a ladder in Lower Right, music blasting as she held up her famous blue Field Hockey Stick.

In an interview, Chase said, "My last head of school day, the best ever. Looking out at all of your faces was just one of the best experiences ever. So thank you all, have a great day, and I love you all."

## Research by Ding '12 Receives National Recognition from Intel Talent Search

By JOEY SALVO

Out of 1,839 applicants to the Intel Science Talent Search, the program selected David Ding '12 for a semifinalist group composed of 40 young thinkers from across the country. Each semifinalist received an all-expense paid trip to Washington D.C. for the finals during the week of March 8.

The Intel Science Talent Search, the oldest science competition for high school students, began in 1942, and will continue annually at least into 2016. This year will mark the 70th anniversary of the competition and the 14th year since Intel began sponsoring the competition in 1998, succeeding Westinghouse, the original sponsor.

To qualify for the competition, each student must present original research with a written report. Ding was chosen for his project titled "Infinitesimal

Cherednik Algebras of  $g_{ln}$ ," which examines a subtopic of Algebraic Geometry.

Ding said he had been working on the project for about a year before submitting it for the competition in November. On the night of January 24, he received a call saying that he had made it to the final round.

Ding said, "I am most looking forward to meeting the other finalists. It's a pretty big event."

He also added that he specifically hoped to meet CEO and President of Intel, Paul Otellini.

About 1,600 high school seniors send in their applications each year to be considered for the Intel Science Talent Search. Last year, 1,744 students submitted their projects, and this year, 1,839 students applied, a 5.5 percent increase.

This year, the semifinalists come from over 15 different states and will be presenting projects whose titles range from "A Doll That Looks Likes Me: A



R.THAMTHIENG/ THE PHILLIPPIAN

Ding '12 is one of 40 semifinalists.

Study of Self-Concept in Children with Down Syndrome" by Sayoni Saha from Gretchen Whitney High School, to "A Relativistic Orthogonal States Quantum Key Distribution Protocol for Secure Satellite Communication" by Jordan Saul Cotler from Glenbrook North High School. All in

*Continued on A4, Column 1*

## Donald Barry Balances Philosophy, History and Math in His Andover Curriculum

By REBECCA WAGMAN

Donald Barry, Instructor in Mathematics, narrates a tale of a famous Egyptian mathematician's discovery to his classes and connects a modern lesson's material to its ancient origins.

Although he has worked in Phillips Academy's Math Department for 32 years, Barry originally aspired to become a minister and at-

tended Yale Divinity School before deciding to devote his career to mathematics.

Growing up in Cedar Rapids, Iowa, Barry attended a local high school and then graduated from Carleton College with a major in philosophy. He attended the Yale Divinity School on a Rockefeller Scholarship.

During his time at Yale, Barry met his wife Roxanne Barry, Director of Summer Opportunities, and the pair married a year

later. Roxanne Barry grew up as the daughter of two American teachers in Turkey, so the Barrys decided to teach in Turkey at Tarsus Amerikan Lisesi, a high school for Turkish boys, and Robert College, another high school in Istanbul, Turkey from 1973 to 1980.

According to Barry, there weren't any jobs available for ministers in Turkey at the time, so he attended night school and summer school for a certification in mathematics, a subject for which he had always had a passion.

Barry said that his interest in math grew at a North South Foundation (NSF)-sponsored math program the summer after his 11th grade year.

"I met some tremendous math students from the New York/New Jersey area. I was surprised to see how creative they were. I was good at the mechanics of math, but I had never imagined that one could be all that creative in math. When I asked them how they got to be so

creative, they all had the same answer—math contests," Barry wrote in an e-mail to the *The Phillippian*.

Barry began writing math contest questions for his Turkish students and then for state and regional contests in New England. He eventually became the head author of American Region Mathematics League (ARML) from 1995 to 2008.

Barry said, "I really enjoyed the challenge of developing interesting problems that would help the students experience their own creativity. It takes a lot of time, I end up in lots of dead-ends, but every so often I come up with a problem that gives me great pleasure to have created."

Patrick Farrell, Instructor and Chair in Mathematics, said, "Mr. Barry is far and away the best question writer in the department and literally one of the best in the nation."

According to Bar-

*Continued on A5, Column 1*

## Pot Pourri Reconducts Vote Excessive Votes Received

STAFF REPORT

Pot Pourri reconducted voting for the 2012 Senior Superlatives on Monday, after a previous online ballot allowed students to vote multiple times.

In the first round of voting, each of the 59 Senior Superlative categories received more votes than there are students in the Class of 2012. Although there are only 314 Seniors, vote counts for each of the categories ranged from 360 to 560 votes, according to Katie McLean '12, Co-Editor in Chief of Pot Pourri.

Pot Pourri e-mailed Seniors a link to a new survey, hosted on PANet and requiring students to log into their PANet account to access the ballot. This will ensure that each Senior can vote only once for each Superlative.

McLean and Isabel Elson '12, Co-Editor in Chief of Pot Pourri, noticed the issue last Wednesday evening, when the voting first closed.

According to McLean, she and Elson were hesitant

at first to recall the vote because they felt that results would have been similar regardless of the over-voting.

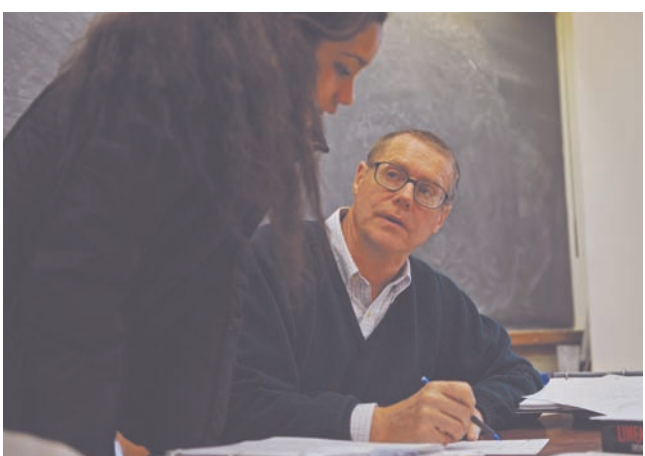
McLean said, "When you take nominations, you can see who's projected to win because whoever [gets the greatest number of] nominations is probably going to win in the real round, although consolidating the vote might change that. Most of the time, the people who were projected to win did win. That's why we were thinking of just ignoring the over-voting, but it was clearly cheating."

According to McLean, she and Elson called Haley Scott '11, former Editor in Chief of Pot Pourri, for her opinion.

"Haley basically said, 'You absolutely cannot print those results,'" said McLean. "She told us that there is a way to [call an accurate re-vote], and it's on PANet."

McLean and Elson also contacted Carlos Hoyt, Associate Dean of Students,

*Continued on A5, Column 1*



J.JUNG/ THE PHILLIPPIAN


Barry has taught Mathematics at Andover since 1980.



# Out with the Heroes

 <h2>The PHILLIPIAN</h2> <p>Volume CXXXIV</p>		
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<p>Asparagus <i>Director of Parks and Recreation</i></p>	<p>Brain Q.T. Delaney <i>Such a Good Guy</i></p>	<p>Even More Sinister <i>Baker-in-Residence</i></p>
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	<p><b>So Mainstream</b> Camcam's Hasty Pudding Masdeleine Kin Kelly Anammataro</p>	<p><b>Knights Errant</b> Don Budney El Joseph Kruy</p>

# ...in with the Zeroes

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- 1) The Phillipian strives to maintain professional standards of accuracy, objectivity and fairness at all times.
- 2) Staff members have the right to report on and editorialize about all topics, events or issues, including those unpopular or controversial.
- 3) The Phillipian will not publish anything obscene, libelous or detrimental to the immediate material and physical stability of the school.
- 4) The paper shall not be subjected to prior restraint, review or censorship.
- 5) Staff members have the obligation to learn and observe the legal and ethical responsibilities expected of them as practicing journalists.
- 6) The Editor-in-Chief assumes total responsibility for his or her publication.

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# Letter To The Editor

**TO THE EDITORS:**  
In his January 19, 2012 commentary piece "Ideological Evolution," Eric Meyers cogently and reasonably lays out the problems posed by "flip flopping" politicians and suggests that the electorate judge office-seekers by whether they changed positions due to political expediency or "further analysis," suggesting the former should be met with criticism and the latter be praised. While I agree with him in

spirit, it's important to remember that in a representative democracy, there is little to no difference between political expediency and being responsive to the wishes of one's constituents. Don't we want our elected officials to change their minds when we do? Unfortunately, voters today are seeking an impossible candidate: an elected official who is simultaneously steadfast and "principled" in his positions, yet who responds to the wishes of his constituents as their

opinions change. Between a rigid ideologue and a political "opportunist," I'd take the opportunist every time; at least then the people's voice is more likely to be heard than the personal opinions of some official.

Cheers,  
Craig Alex Thorn  
Class of 2004

VERONICA HARRINGTON | BONES

# The Devil in the Details



**A**T BREAKFAST TODAY, a friend of mine and I were discussing what's commonly referred to as "the Butterfly Effect."

This theory states that every action, no matter how small, has a significant impact on one's life. While some may scoff at this seemingly exaggerated opinion, I do not. Who knows, you could be going to reach for a glass for some juice only to bump into that handsome boy in your Chemistry class as he's coincidentally reaching for the same glass. You two could talk

stronger the lasting impact will be. This can be a good thing, as it forces lessons learned to actually stay learned forever. These old wounds become pivotal character-building lessons.

A glaring example of this type of lesson in my life is my experience at summer camp. When I was young, I attended a fairly competitive performing arts camp. Before actually arriving at the camp, I worked for months to perfect my audition for a part in the musical, "Grease." I slaved over the choreography of my rendition of "Look at me, I'm Sandra Dee" and practiced the vocals for hours. Sadly, when it came time for me to actually put my hard work to the test, I struggled. My audition went poorly and I was relegated to the role of "Townperson 2/Santa's 1st Elf" in "The Nightmare Before Christmas." I didn't even earn a part in the right play, let alone the part that I actually wanted! Naturally, I was devastated.

**In my life, so many drastic changes have been brought about by mere coincidence.**

and end up getting lunch together. In my life, so many drastic changes have been brought about by mere coincidence. Honestly, I wouldn't even be at Andover had I not overheard a middle school classmate mentioning to another he was applying to boarding school. Later that night, I requested materials from about eight different schools. Eventually I applied to several. One of these was Andover.

Small instances of chance like these can redirect the trajectory of your life, for the better and for the worse.

Looking at your life and seeing what has skewed it can be hard, but is critical for ensuring that individuals live lives that they can be proud of. Difficult experiences can give you emotional scars, but with time these scars become a distinct detail of your personality. They shape the way you act by serving as reminders of lessons once learned. The deeper the cut, the

spective mentality is what people need to view things for what they are: didactic lessons, rather than chances to wallow in self-pity.

So I challenge you to think of your own lives and reflect back on your Andover careers. Try and see the random exchanges and coincidences that have shaped your time here. Seniors, I'm sure you're doing a lot of this as of late, and if not, I forecast a tsunami of nostalgia sometime in the next five months. Uppers, with the beginning of this college process, we'll have to switch into an introspective gear

**It's this variety, this unpredictably that makes life so interesting.**

when picking where to apply as well as when it comes time to write college applications.

How strange it seems, someone can meet his or her high school sweetheart while getting a glass of juice or have his or her life entirely changed just by overhearing a conversation before the bell rings in a middle school classroom. Life can seem like a bed of roses and, at times, one of thorns. But it's this variety, this unpredictability that makes life so interesting. Every action, no matter how large or how small, has a tangible affect on our lives. So I implore you to remember that you never know what's waiting for you on the horizon. When life gets tough, push through. That boy at the juice station could be just around the corner.

Veronica Harrington is a two-year Upper from Los Angeles, CA.

## OVERHEARD IN THE NEWSROOM

**Head of School Day**  
Babs, you rock that stepladder.



**The Gelb Dance**  
We'd tell you what went down, but we don't really want to remember.



**CXXXV**  
We're going to miss CXXXIV but honestly, we haven't seen them for about a month now.





CONNIE CHENG | PREPARED?

## Paying for Perfection

SATS WERE OVER THE WEEK-END. For most of us Uppers, they were an inconvenience, an interruption to our weekend, an inevitability on the long trek that is getting into college. But as some of us made every attempt to ignore the slow approach of January 28, while others frantically leafed through vocabulary flashcards, we were probably not thinking of what else the SATs represent: a global, billion-dollar industry.

According to a 2009 article in *Wired Magazine*, the test prep industry rakes in \$4 billion a year.

Just two weeks ago, Summit Educational Group, the test prep service that administered the free practice SATs last month, conducted on-campus math and verbal SAT workshops, with each two-hour session costing \$75. Back home in California, I often hear of people having to give up hours of their weekends to attend “Excel Test Prep” or “Elite Educational Institute.”

As paying for test prep services has become increasingly common in the U.S., the forms the services take on have multiplied. Money Magazine writer Penelope Wang illustrates the multifaceted industry in her 2007 article: “There’s online review (\$99 and up), big classes (typically \$1,000) and small groups (\$1,500), as well as one-on-one tutoring (20 or so sessions for \$2,700 to \$8,000, depending on the tutor’s experience).”

The ever-growing presence of the test prep industry introduces economic inequity to a supposedly fair system. Tests like the SAT are supposed to be “standardized.” They are meant to be measures of ability on a level playing field. The existence of such an industry works against that very intention and gives an inevitable edge to students who can afford test prep services. Wang writes, “There are also a growing number of local

companies that cater to upper-middle-class and wealthy families who are willing to pay even more.” Wang cites Advantage Testing, a tutoring and test prep firm where a 50-minute session costs anywhere from \$80 to \$165 and “top tutors” charge upwards of \$500.

Although the numerous and expensive options for test prep intro-

**The test prep industry introduces economic inequity to a supposedly fair system.**

duce an economic advantage into a supposedly fair system, some consolation lies in the fact that many high school students spend only modestly or not at all on test prep. It has not yet become the norm in the U.S. to spend thousands of dollars a year on SAT courses.

However, that’s far from the case in South Korea.

I asked a friend recently what

she was doing to prepare for SATs. She answered with a question, asking me if I knew what a “hagwon” was. Over the summer and winter breaks, my friend had taken SAT classes at a “hagwon” back home in South Korea.

Hagwons, commonly known as cram schools, are for-profit educational institutions that offer their students, paying customers, auxiliary out-of-school study. Many specialize in rigorous standardized test preparation courses. Another friend, who took the practice SAT with me two weekends ago, left the practice session early after realizing that she had already done one of the sections in an earlier hagwon session.

According to a 2007 article in “The Korea Times,” one Seoul-based hagwon charged more than 10 million won, or around \$8680, for a 10-week SAT math course. But despite these exorbitant prices, paying for hagwon classes in South Korea is a social norm. In fact, those who don’t attend disadvantage themselves. An October 2011 article published in “The

Toronto Star” quoted a 21-year-old South Korean university student who had immigrated to Canada: “All students in Korea – even babies – they go to hagwon. So if you don’t go to hagwon, then you feel like you’re behind,” the student said. The 2007 “Korea Times” article included the story of a Korean-American student in the U.S., who traveled by herself to Korea, where she rented an apartment for two months in order to attend a hagwon SAT course while her parents remained in the States.

In Korea, the test prep industry is not only an economic marvel but also a cultural phenomenon. The rampant social embrace of hagwons reveals how the test prep business has wormed its way into

the lives of Korea’s youth. Attending cram schools has simply become part of the lives of students.

But let’s step back and think for a moment. Eighty-four percent of Korea’s high school students in 2010 were spending time in after school hagwon programs, giving up hours of their time for test prep or tutoring. The typical Korean-American student gave up two months of her summer. Instead of relaxing, unwinding and recharging in her spare time, she was working. For what? Improved grades, better tests, and -- in many cases -- higher SAT scores.

A fixation with scoring high on the SAT has spawned its own culture of specialized institutions, steep fees and late-night test prep regimens. While there is absolutely nothing wrong with a drive to excel academically, studying for the sake of a score is unhealthy, especially when that fixation begins to affect how students are spending their time out of school.

Korean students and their families’ thirst for high scores is the moving force behind the test prep industry – an industry that at the end of the day, consists of private, for-profit corporations that only label themselves “educational institutions.” Attendees and their parents are buying unquestioningly into a system that has rapidly grown in the shadows of standardized testing and that has successfully permeated society and established itself as a cultural norm. This inherent acceptance of a money driven industry that masks itself with education isn’t necessarily bad, but must be treated with apprehension. Students should learn for the sake of learning, not to simply improve a standardized test score. Anything else undermines the point of education.

*Connie Cheng is a three-year Upper from Milpitas, CA and Executive Editor of The Phillipian.*

ERIC MEYERS | BIG SKY

## Navigate the Open Road

LAST SUNDAY, I TOOK a break from my homework and enjoyed an installment of the weekly Sunday Movie Series in Kemper. The movie, titled “The Unbelievable Truth,” asked two questions all Andover students want answered: is there life after high school? If so, what will it be like?

Shortly after the movie begins, the lead character Audry learns that she’s been accepted to Harvard. For most high school students, this would be a moment of “pinch me, I must be dreaming.” Not so for Audry. It’s 1988. Reagan is president. But Audry mourns America. She fears a nuclear war is about to end history. She thinks everything is hopeless. She is simply too apathetic to be excited about Harvard.

History is changing for Audry, but not in the way she thinks.

**We’re not sure what college we should attend, let alone what college we will attend.**

Nuclear war isn’t imminent. But the end of childhood is rapidly approaching for her, just as it is getting closer for us every day. Whether we are Seniors like Audry suffering from senioritis or freshmen just beginning our Andover careers, our childhoods will terminate abruptly. We will all un-

derstand Audry’s anxiety only too well before we graduate.

Like Audry, we face the future with nervous uncertainty. Except for Seniors recently graced with early acceptances, the college admission process is a riddle wrapped inside an enigma for most of us. We’re not sure what

**I doubt our graduation from Andover will be so eventful.**

college we should attend. We don’t know what college we will attend. Should we enter the lottery otherwise known as the admission process to the Ivy League and hope for the best? Or should we, like Audry, search for green pastures elsewhere?

And what should we do when we get to college in these tough economic times? Should we turn our education into a commodity by following a pre-professional course of study in college so that we can become doctors, engineers or investment bankers? Or should we regard education as good in and of itself and major in subjects we love, even if that decision means saddling ourselves with a student loan debt that we may struggle to repay if we join the ranks of the underemployed or unemployed after we graduate from college?

The movie does not solve these

problems. But it does suggest where we may find our answers. As the movie ends, Audry and her boyfriend embark on a trip to discover the world. Audry stops and asks, “Did you hear that?” as she seemingly strains to detect the sound of a nuclear bomb exploding, but there isn’t a mushroom cloud in sight. And the only explosion is the silent one of her childhood ending. There will be life for Audry after high school. She will discover it on the open road.

I doubt our graduation from Andover will be so eventful. Most of us have already left home to go away to school. And each of us experiences college-like academic demands every day. So, hopefully the transition to life after high school will be less traumatic for us than it was for Audry. However, when the rubber does eventu-

**So, hopefully the transition to life after high school will be less traumatic for us than it was for Audry.**

ally meet the road, none of us will know our ultimate destination. Like Audry, we will have to navigate our own path, as we move along the journey of our life.

*Eric Meyers is a new Upper from Miami, FL.*

ADA LI | PHELPSIAN

## Dive in Headfirst

THE CHEER “GO BLUE!” echoed across the pool as our team huddled in a circle around our swim coach. The swimmers assigned to the 200 Meter Individual Medley Relay headed nervously for the blocks. I had never imagined myself swimming the 200 IM right off the bat, especially in the first meet of the

**We must learn to push through these barriers of insecurities.**

season. I had been afraid of swimming the 200 IM since the day I was assigned to the event, but there was no feeling that could compare to knowing that this dreaded event was only minutes away.

Deep down, I knew that I should give it a shot, but every time I tried to muster up the courage, a mirage of all the possible things that could go wrong flashed through my mind. At the last minute, and with the encouragement of my coaches, I decided to go through with the event.

As I dove off the block at the start of the race, I didn’t remember thinking. All I could remember from that race was executing my flip turns, all my friends and coaches cheering and, especially, stretching out my hand to touch the wall at the end of the race. I was out of breath, but finishing the race had been worth every ounce of effort. Having successfully com-

pleted the event, I was glad that I had not given into my fears.

We hear the phrases “Don’t worry about it” and “It’s going to be okay” more times than we can count. However, no matter how many times we hear these reassurances, we still find ourselves worrying when a new challenge is on the horizon. In many cases, this sense of fear and dread does not leave us until the stressful task is over.

At Andover, we have plenty to worry about. That Chemistry test next Tuesday, the big basketball game this weekend and the piles of unfinished homework to do tonight all contribute to our stress. Andover provides us with many things to worry about, and even though this is unavoidable, we must not let these fears paralyze us in the face of our goals.

We must learn to push through these barriers of insecurities. It is in our nature to worry. Worrying is a sign that we care about the outcome, that we have standards for ourselves. However, we cannot allow worrying to consume our lives. To forfeit an opportunity due to a case of butterflies would be a waste. Because, when it comes down to it, we have nothing to lose and possibly everything to gain.

*Ada Li is a Junior from Reading, MA.*

### OPINIONATED?

### WRITE FOR COMMENTARY

### E-MAIL

### RKUMAR, CNGUYEN, WMERCHANT



## DING WILL TRAVEL TO FINALS IN WASHINGTON, D.C.

Continued from A1, Column 4

all, 39 schools will be represented in the final round.

To make it to the final round of the Intel competition, each project must receive approval from a panel of judges, a group of at least three experts in the scientific field which the project examines.

In the 2011 finals, the Grand Prize went to Evan O'Dorney of Danville, Calif. for his project involving the estimation of square roots.

Many Intel Science Talent Search finalists have won may distinguished awards later in life, including seven finalists who have won Nobel prizes. Eleven have received MacArthur Foundation Fellowships, two have won Fields Medals and three have won the National Medal of Science. Five previous finalists have been elected into the National Academy of Engineering, 30 into the National Academy of Sciences and 56 have been named Sloan Research Fellows.

Between March 8 and 14, the final judging will take place in Washington D.C. Finalists will also get the chance to meet the President and Vice President of the United States as well as many leaders in diverse scientific fields.

The Intel Science Talent Search will award over \$1.25 million in prize money. The semi-finalists have already each been awarded scholarships of \$1000, and finalists will receive \$7,500. The third place winner is given \$50,000, second place is given \$75,000, and the highest scholarship, awarded to the first place winner, is \$100,000.

## Dalton and Blustain Trace Scientific Racism Throughout World History

By ANIKA KIM

Kate Dalton, Instructor in History and Social Science, and Malinda Blustain, Director of the Robert S. Peabody Museum of Ar-

cheology, examined historical examples of scientific justifications for racial superiority in their presentation "Scientific Racism and the Political Uses of Race" this past Wednesday. Their presentation on eu-

genics followed a timeline of scientific racism and how it was used in the past to justify discrimination against certain groups of people.

Scientific racism is defined as the use of scientific principles to justify racial superiority and inferiority, which Dalton and Blustain briefly defined as "certain beliefs with popular prejudices."

According to Dalton and Blustain, scientific racism existed as early as 18th century in Europe, when European explorers began to classify new species of plants and animals, they also felt the need to classify native humans in the New World.

European typologists of the 18th century used color and lifestyle to categorize groups of humans with which they initiated contact. In all of these classifications, white Europeans were the ideal classification.

Based on Darwin's theory of evolution, Europeans decided that less-advanced civilizations were most closely related to apes, and they thus saw themselves as the most most superior civilization because of their technological advancements.

These new ideas, considered scientific by the Europeans, justified their brutal actions. They believed that because they were part of the advanced civilization, they immediately gained the right to control any other inferior communities.

European typologists later created the Cephalic Index Theory, which stated that the people with big heads and the largest brains were the most intelligent human beings. This theory contributed to the anti-Immigrant movement and was used to the United States' advantage in the late 19th and early 20th centuries against the influx of immigrants at that time.

White men again represented the ideal human, as they always had the biggest brains.

For years, this "scientific" theory was used to rationalize white men's discrimination against people who they considered inferior.

During World War II, Eugenic societies were formed in order to stop the continuation of what was considered "bad breeding."

Eugenic society members such as Henry Ford, the founder of Ford Motor Company, used the power of state supposedly to make a "bet-

ter" society and to solve social problems. Their goal was to eliminate unfit people and to support the Nordic races.

Unfit people were defined as those with complicated social behaviors, mental illnesses, physical disabilities and chronic alcoholism.

The biased scientific research projects conducted by these eugenicists prompted institution U.S. Sterilization laws in the mid-20th century. This law made sterilization compulsory for 65,000 people deemed unfit by the government.

Dalton and Blustain stated that the thoughts of the Eugenicists were parallel to those of Hitler, although Hitler took far more extreme actions in implementing his sterilization plan. They emphasized that these thoughts sprung from racial hatred and used scientific racism for justification.

Sterilization came to an end in United States in 1980s.

Dalton ended the presentation by saying, "Science says there is only one human race. Some genetic groups are apparent but they are not reliable indicators of different and do not overlap with old-fashioned categories of race."

She continued, "If science tells you to kill people, that is the time to question science. U.S. will tell you that the time of World War Two is the heroic time for United States. But many people, including the Soviets, were infected with some of the race science and race hatred, and didn't

let go of it for a long time."

According to Dalton, scientific racism interested her because it shaped history.

She said, "[Scientific racism] was a form of belief that allowed people who were in control of the government to force sterilizations and to do pretty harsh things to people based on racial theories that are wrong. It's a very interesting way to see how ideas about race change over time, and how the authorities of scientific truth enabled and justified some very aggressive racist behaviors."

Blustain said, "Scientific racism has been such a big player in history. I think that part of our job as teachers is to really educate students about things like scientific racism and how it can be used as a tool and how to identify one when you see it."

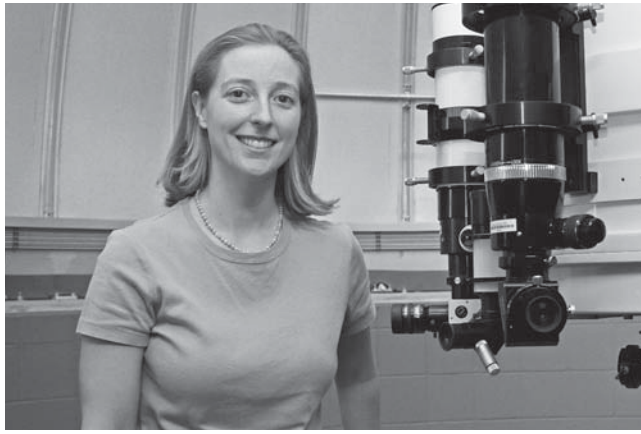
Students were also interested in the presentation's connections to their Andover history curriculum.

Andrew Schlager '12 said, "I learned a lot about the nuances but also about the common threads between the eugenics and racial discriminations all over the world."

Suprya Jain '12 said, "It was interesting to see these events from the perspective of scientific racism, and to see political agenda behind science."

Mackenzie Strabala '13 said, "I really realized the significance of American history in the context of global history."

## Odden One of Five Educators Selected for Research



S.DIEKEMA/THE PHILLIPIAN

Odden will work at the California Institute of Technology

Continued from A1, Column 1

herself to her coworkers.

Though Odden is currently on sabbatical, the main purpose of her sabbatical was not the NASA project. During her sabbatical, she has been studying asteroid tracks from the Andover observatory and will have a paper published on the subject this March.

According to Odden, the NITARP project will not interfere with this personal research project. "I made progress on the asteroid work much more quickly than I expected to, and that enabled me to take on this other opportunity. I will continue to take data on asteroids while I work with the NITARP team," said Odden.

Odden said that she is excited to join the NITARP because of the opportunity it presents for student involvement.

"I am very interested in finding ways to provide Phillips Academy students

with authentic research experiences," said Odden.

"In my astronomy classes, my students often wonder what sorts of things real astronomers do. This program will give my students and me the opportunity to learn some answers to this question first hand," continued Odden.

Odden held an information session on Wednesday for students interested in the project.

Zoe Chazen '14, who attended the information session, said, "I think it's cool because it gives you the experience of doing real research. Most people don't know exactly what being a real scientist entails, and this will give students the opportunity to figure it out first hand."

The students chosen by Odden will begin to work on the project at the end of Winter Term, and will meet weekly throughout the spring term, according to Odden.

Odden will join Salle Seebode of San Mateo High School in San Mateo, CA, Joseph Childers from Boonshaft Museum of Discovery of Dayton, OH, Cindy Melton of Coral Glades High School in Coral Springs, FL, Matthew McCutcheon of the Latin School of Chicago and Meca Lynn, a member of IPAC in Pasaden, CA.

**Write for News!**

**Email cfraser or jlee7**

## Congratulations January 2012 Cum Laude Society Inductees

**Emily Adler**

**Julianna Aucoin**

**Maxwell Block**

**Andrew Cho**

**Fengning Ding**

**Bernhard Fasenfest**

**Raquel Gordon**

**List continues on A6**

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 — A. S., Professor, Harvard University

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"I've never heard anything but very high praise and gratitude from both students and their parents."  
 — Marlyn McGrath Lewis, Harvard Admissions Officer

"Prepping high-scoring essays using Chyten's method can be enough to boost scores to heart-thumping numbers."  
 — The Boston Globe



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## Barry Remembers Junior's Math Discovery

*Continued from A1, Column 1*

ry, working at Andover has allowed him to more fully explore the history and applications of mathematics.

Since joining the Andover Math Department in 1980, Barry created the Andover Invitational Math Contest and co-founded the Model United Nations club at Phillips Academy. He has served as faculty advisor to the math club for 20 years and served as an advisor to Model UN for a large part of his tenure.

Barry has also written over 250 pages of a book on the early history of the Pythagorean Theorem in ancient civilizations. Although it is unfinished, Barry said that he draws on his manuscript constantly in his classes to supplement the curriculum. Barry added that it emphasizes both problem solving and problem posing when teaching his classes.

"I'd love my students to come away from my classes knowing that they

are competent in mathematics and that they are so confident in their abilities that they never close a door on opportunities in college because they are afraid of the math," said Barry in an e-mail to *The Phillipian*.

One student, Isaac Opper '06, stands out in Barry's long history at Andover because of Opper's remarkable discovery of 15 previously special right triangles. As a Junior, Opper showed his ideas to Barry, and the two presented Opper's findings to the Association to Teachers of Mathematics in New England in 2004.

Barry has also been involved outside of the classroom as a coach and house counselor. He has coached Varsity and JV golf, JV2 Boys Basketball, both Boys and Girls Cross Country and speedball, a sport similar to Ultimate Frisbee. He and his wife were also house counselors in Taylor Hall in West Quad South.

*Continued from A1, Column 3*

ing Larken Kemp [13] in NCAA Football 2012, getting ready for baseball, training turtles with Vito Capuano [12], and yeah, I'll probably do some work in there too," Delaney added.

"I'm going to miss the smell of coffee because I really hate the taste, and I probably won't be in a room with so much coffee and so little air flow for the rest of my life," said Delaney.

Simister said, "I'm going to miss the taste of coffee, but starting this weekend I'm going to nap indefinitely." About her successors, Simister added, "I'm really excited. I doubled! I'm confident that the Greg and Nicole will make an unstoppable managing team."

"Everyone seems so happy to have people to replace them," said Iyer, "It was so great seeing everyone rejoice with their counterpart, but for me there was no one. I feel so sad."

She added, "The new board is extremely capable and I look forward to watching the paper grow.

I'm going to have to figure out how to sleep again."

Green added, "But no matter how hard I try, I don't think I'll ever reach Max's level on hairstyle quality or math and physics problems. What's going to happen the next time *The Phillipian* has to answer a math question for the school?"

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Qu said, "I want to be just like Adam [Levine '11, Director of Production CXXXIII], but not as hairy."

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Director of Production, Director of Operations and Front-Page Editor are considered Executive Officers.

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Um said, "I will miss our beloved News section, because, in the wise words of Max Block, our incredible Asian-ness complemented each other well."

Raeva Kumar '13, Zach Merchant '13 and Christiana Nguyen '13, former Commentary Associates, will succeed Derek Farquhar '12 and Thea Raymond-Sidel '12 as Commentary Editors.

Raymond-Sidel said, "The new Commentary Editors seem nice. I don't know. I've never really met them. Their names sound nice."

"This turnover is so quixotic," she added. Former Arts Associate Sarah Lee '13 will become the Arts and Leisure Editor, replacing Tafarii McKenzie '12 and Ray Thamthieng '12.

Thamthieng said, "Even though Sarah is the only Arts Editor, I'm confident that we're leaving Arts in good hands."

She added, "I'll miss taking funny photos on Photo Booth with the associates."

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Former Advertising Associate Matt Deorocki '13 will succeed Danny Gottfried '12 as Advertising Director.

Min Jae Yoo '12, Business Manager, will leave his position to Conor Soules '13, former Business Associate.

Jaclyn Higgins '12, Co-Head of Phillipian Online, will be replaced by Greg Hosono '14, former Online Associate. Eric Ouyang '13 will continue for another year as Co-Head of Phillipian Online.

The newly established Phillipian Video section will be headed by new board members Fred Lee '13 and Jenny Zeng '13.

## Pot Pourri Conducts Second Survey Via PANet to Limit Seniors to One Vote

*Continued from A1, Column 5*

and Christopher Capano, Advisor to Pot Pourri and Director of Student Activities.

According to McLean, Hoyt told them that printing results based on inaccurate data in a student publication would have been inappropriate.

Hoyt said, "I would have been concerned to put out certain data that basically was not valid. I'm really glad that the folks in Pot Pourri were very diligent and responsible to not go with [the over-voted results]."

SurveyMonkey, the online survey tool used to conduct the original round of voting, has a feature that prevents users from voting more than once on the same computer.

According to McLean, however, some students were able to bypass this restriction. Seniors were able to use multiple computers, smartphones, tablets and other mobile devices to vote several times on the SurveyMonkey ballot.

McLean also said that students could use private browsing features on web browsers which prevents a computer from recognizing whether the survey had already been filled out.

Danny Gottfried '12, who was nominated for four superlatives and voted on the SurveyMonkey ballot himself, said, "I think everyone was [over-voting], but the degree [to which it was done] was different for different people. Some

people voted once or twice on smartphones or other devices, but some went down to the PACC and voted on every computer."

In the nomination round that preceded the final vote, Pot Pourri did not encounter any issues with over-voting because Seniors submitted suggestions for candidates for each superlative through PANet. According to McLean, only 160 students voted in the nomination round.

McLean said that she did not think students had figured out how to vote multiple times during the nomination round.

"Also, once people were nominated, I think they realized they had a chance of winning and they really wanted to win," she added. "Whereas in the nomination round, if you're going to vote five times, it wouldn't do much."

This is the first year that Pot Pourri experienced over-voting for Senior Superlatives. In past years, Pot Pourri has conducted voting through PANet.

McLean and Elson chose to conduct voting through SurveyMonkey this year because they were already familiar with using the site and thought it would be easier to use than PANet.

Capano said, "[McLean and Elson] already knew how to [use the website], and they wouldn't have to bother meeting with their advisor or another faculty member to make the survey on PANet, so they thought it would

be quicker and simpler."

Though the new ballot forced students to spend time voting again, most applauded Pot Pourri's attention to obtaining accurate results.

Tobi Coker '12, a nominee in the Senior Superlatives, said, "It's kind of annoying that people would want to vote more than once. It's kind of a trust thing. I think they made the right decision, because you don't want any discrepancy in the voting."

Gottfried said, "They did make the right decision. It definitely annoyed some students, including me, but it makes the voting more legitimate. It was necessary but annoying."

Each superlative category included five nominees from the class of 2012. Results of the voting round were announced on Wednesday, February 1 at 10 p.m.

## Upper Management Structure Modified; Executive Officer Positions Added

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# PHOTO OF THE WEEK



S.DIEKEMA / THE PHILLIPIAN

Head of School Day 2012 goes down in history.

## Peter Neissa Shares Story of Peruvian Expedition in "Inkas and the Celestial"

By JEFFREY TAN

For Peter Neissa, Instructor and Chair in Spanish, scaling boulders without any rails or ropes to reach the citadel on the summit of Machu Picchu, a 15th century Inca fortress, was well worth the dangerous maneuvering.

This Wednesday, Neissa shared with the Andover community experiences from his self-funded research trip to Peru in a presentation titled "The Inkas and the Celestial," sponsored by Alianza Latina.

His presentation focused on "overlooked treasures" of the Inka Empire, according to an announcement on PAnet. Neissa emphasized the considerable complexity and span of Andean history.

According to Neissa, Caral, the first city-state of a civilization in the Americas, dates back to 2500 B.C.E. He said, "The information coming out of the Andes is so extensive that we are tripping over ourselves trying to name the different cultures and periods. There's the late pre-ceramic, initial lower formative period, early intermediate, middle horizon, later intermediate, late horizon, early formative."

According to Neissa, throughout its history Peru has been home to many indigenous cultures including the Chavin, Nasca, Huari, Tiwanaku, Chachapoyas, Moche and Chan Chan. "I've been to Peru and been fascinated by the culture. We assume that the history of Peru goes back a few hundred

years, and it's not true. There's incredible history and culture that we are just now starting to look at seriously," said Neissa after the presentation.

Neissa also highlighted some surprisingly recent archaeological discoveries in Peru.

Between 2005 to 2006, the discovery of a sophisticated canal irrigation system dating back to 500 B.C.E took archaeologists by surprise.

Currently, there are around 20 active excavation sites in Peru, most of which are studied by students from the University of California, Los Angeles (UCLA) and the University of Lima.

Neissa noted, "[Deciding] which site to start excavating is meaningless, because the next day a peasant appearing to plant crops can drive into a buried temple that has been undiscovered for thousands of years."

Neissa's presentation also highlighted the astronomical and time-keeping functions of many Incan structures. Neissa himself has observed the distinct relationship between the movement of celestial bodies and Incan architecture.

For instance, the Giant of Atacama, a humanoid figure carved into the ground that can be seen from space, is not only the largest anthropomorphic figure in the world but also served as an astronomical calendar. The figure features 12 points representing phases of the moon and different planting seasons.

La Puerta del Sol, or the Gate of the Sun, a 17 ton limestone monolith in Bolivia, was similarly used as a calendar, precisely divid-

ed into 290 days. What is most surprising about the structure, however, is the fact that the nearest quarry was at least 20 miles away, according to Neissa.

Similar structures such as Machu Picchu's Temple of the Sun and the Palace of the Moon indicate unique positions of the stars or the sun during solstices and other significant astronomical events, according to Neissa.

Alexandra Donovan '13, Head of Publicity for Alianza Latina and one of Neissa's students, said, "Dr. Neissa has done amazing things in his life and he gives you stories... It's always good to hear them, so we asked him to give a presentation, not on anything specific, and he chose Peru."

"[Neissa] has done extensive research and he really did plan [his presentation] down to the minute," continued Donovan. "The presentation was amazing."

Donald Slater, Museum Educator at the Peabody Museum, and Mark Cutler, Instructor in Spanish, are planning to use Neissa's research to help them create a new Peru-based itinerary for the Bilingual Archaeological Learning Adventure in Mesoamerica Project (B.A.L.A.M.).

The program last took students to Mexico in the summer of 2010, before the U.S. State Department issued travel warnings for Mexico. The program will restart in Peru in the summer of 2013.

Carmen Munoz-Fernandez, Instructor in Spanish, said "[Neissa's presentation] shows a different side of what we [teachers] do. As faculty, we teach here but we also have this other life where we get really excited about our trips. That's where we get ideas for our classroom."

## Seyoung Lee '12 Presents Research on "Third Culture Kids" at Phillips Academy



H.KOO / THE PHILLIPIAN

Lee '12, herself third culture kid, also shared personal experiences in presentation.

By NATALIE KIM

Over 200 Andover students are "third culture kids," including Seyoung Lee '12, who presented this statistic and her research on cross-culture students in her CAMD presentation on Friday, January 27.

Third culture kid (TCK), a term coined in the 1950s by American sociologist Ruth Hill Mussen, refers to children "who spend a significant part of their developmental years outside of their parents' culture," according to David C. Pollock, a current American sociologist.

While Lee's parents are South Korean, Lee currently resides in Hong Kong. Lee, herself a TCK, made her presentation personal.

"I wanted to do a CAMD scholar presentation on kids like me who've grown up from place to place," said Lee.

In the presentation, Lee introduced the concept of TCKs to audience members and provided examples of common TCK experiences. A question and answer session and small group discussions with other Andover TCKs and Café Forum members followed her speech.

In her research for the presentation, Lee read several books on

TCKs and interviewed many Andover students.

Through her research, Lee learned that many people underestimate the difficulties of having an unconventional lifestyle as a TCK. After moving repeatedly or residing in foreign countries, TCKs often have trouble fitting in with peers. It can be challenging to leave family, friends and special places behind, according to Lee.

Susanne Torabi, International Student Coordinator and Lee's faculty advisor for the presentation, said, "Other people can't identify with [TCKs] and don't understand what the downfalls are and the other side of such a lifestyle."

Lee said that she has struggled to identify with a single culture as a TCK. However, she also said that her various backgrounds have allowed her to connect with many people at Andover.

Tina Quick, author of "Third Culture Kids: The Experience of Growing Up Between Worlds," attended the presentation and shared some of her research in the discussion group. Lee had corresponded with Quick prior to her presentation.

Lee posed several discussion questions to stimulate the small group conversations that followed her presentation. The questions challenged audience

members to ask themselves how TCKs should identify themselves and what the meaning of community is in the contemporary world.

Each group discussion approached the questions in a different manner, according to Torabi.

Lee decided to work with Torabi for her CAMD research because Torabi is an immigrant, and her children have grown up as TCKs in the United States. Lee said that she thought that Torabi would be a useful resource because Torabi has experienced the issue firsthand.

Lee hopes to apply her research to the Andover community directly. She plans to work with Jane Fried, Dean of Admissions, to add a question to the Andover entrance survey that asks whether the applicant has lived in a culture different than his or her parents.

Lee also intends to meet with Sean Logan, Director of College Counseling, to discuss how TCKs can best transition into college.

Aya Murata, Pine Knoll Cluster Dean, suggested the research topic to Lee when Lee approached Murata about applying to become a CAMD Scholar.

Lee's presentation was the fourth and final CAMD Scholar presentation this year.



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## Pearson, Foxcroft, Bartlet and Bulfinch Preserve Campus' Long History

By **ANDREW O'BRIEN**

Over the span of two centuries, Andover transformed from a single-room school into today's 500-acre campus landscape.

The school also converted from a Calvinist seminary to the secular, coeducational, independent high school it is today. Andover's ever-changing architecture reflects its transforming history.

Pearson Hall, Foxcroft Hall, Bartlet Hall and Bulfinch Hall were the among the first buildings to comprise Andover.

Originally owned by the Andover Theological Seminary, Pearson, Foxcroft and Bartlet made up "Seminary Row." When the Seminary relocated to Cambridge, Mass. in 1908, ownership of the three buildings was transferred to the school. Andover used Bulfinch Hall as its first main schoolhouse.

### Pearson Hall

For a century after its construction in 1808, which cost only \$23,374, Pearson Hall was the property of the Andover Theological Seminary, which shared the campus with Phillips Academy, according to a 1931 article in *The Phillipian*.

According to "An Old New England School" by Andover's 10th Headmaster Claude Moore Fuess, the seminary named the building "Bartlet Chapel," after its main benefactor, William Bartlet

of Newburyport, Mass..

Bartlet was a wealthy merchant who had made his fortune trading in the East Indies during the late 1700s, according to Fuess. The bricks necessary for the construction of the new chapel were hauled from Newburyport to the town of Andover by four oxen.

According to Fuess, Bartlet's peers described him as a man who was "modest in his demeanor... little inclined to claim credit for his deeds." When the faculty of the seminary decided to commission a portrait of him to be displayed in the new building, Bartlet declined.

The seminary ultimately managed to obtain a portrait of Bartlet by having an artist hide in the chapel to secretly paint his likeness.

According to Fuess, Bartlet Chapel went on to become the heart of fundamental Calvinism in America, and its missionaries became the lifeblood of the religious movement.

After the Seminary's 1908 relocation to Cambridge, Andover acquired Bartlet Chapel and renamed it Pearson Hall, after Eliphalet Pearson, the school's first Headmaster, according to Fuess.

In 1922, Pearson Hall was physically moved backwards and turned 90 degrees to give the newly constructed Samuel Phillips Hall a better view of the Great Lawn, according to the "Academy



COURTESY OF "AN OLD NEW ENGLAND SCHOOL"

### A mysterious fire damaged Barlet in 1914.

Hill" pamphlet published in 2000 by the Addison Gallery of American Art.

During this relocation, Guy Lowell, school architect, restored and modernized Pearson's appearance, for a payment nearly equal to the combined salaries of the faculty members teaching in Pearson at the time, according to Pearson's March 1, 1924 expense sheet.

According to Fuess, during World War I, Pearson's basement served as the meeting place for the Phillips Academy Rifle Club. Students fulfilling their military training requirement used the 75-foot alleyway in the hall's basement as a shooting range.

### Foxcroft Hall

Foxcroft was built in 1809 on the site of a former huckleberry patch, according to Fuess. Children used to play in the swampy

area that is now a dorm.

Foxcroft was originally named Phillips Hall in honor of Phoebe Foxcroft Phillips, the widow of Andover's founder Samuel Phillips, Jr. John Phillips, son of Samuel and Phoebe Phillips, donated the funds used to build the hall.

Foxcroft was the first dormitory constructed on the Andover campus. In addition to 30 students, the building housed a chapel and multiple classrooms, according to Fuess.

Its four-story structure stood adjacent to Pearson Hall and the later-constructed Bartlet Hall. Foxcroft was designed in the architectural style of prominent New England colleges, including Brown, Yale and Princeton Universities.

According to Fuess, Charles Platt, school architect, removed the fourth

floor of Foxcroft in 1929 so that the building would be the same height as Bartlet and Pearson Halls.

### Bartlet Hall

According to Fuess, Bartlet Hall was constructed in 1821, the final of the three buildings on Seminary Row and the second dormitory on campus after Foxcroft Hall.

According to Fuess, a faculty child during the 1820s recounted some of the hardships of living in Bartlet, recalling, "There was no water in the buildings... There was no steam heat... [Wood was carried] up steep flights of stairs to their rooms."

On December 9, 1914, Bartlet Hall experienced one of the worst fires in the history of the town of Andover.

Soon after the fire began at 1:30 a.m., the roof collapsed, destroying all the possessions of the students residing on the upper two floors.

According to the December 11, 1915 issue of "The Andover Townsman," one firefighter was knocked unconscious after falling from a ladder. Students, however, were lucky to escape with only minor burns and bruises.

Sleet paired with a fortunate northeast wind kept the flames from jumping to other campus buildings.

The cause of the fire was never discovered.

### Bulfinch Hall

Bulfinch Hall is somewhat of a misnomer. Of all

the buildings on campus, it is one of the few not designed, either directly or indirectly, by Charles Bulfinch, architect of the Capitol Building, the Boston State House and Pearson Hall, according to "The New York Times Book Review" published on January 17, 1926.

It was instead designed by architect Asher Benjamin, according to the Addison's "Academy Hill" pamphlet.

Bulfinch, originally nicknamed "Old Brick," served as the Academy's main school building, according to the February 1958 "Phillips Bulletin."

Soon after the end of the Civil War in 1865, however, the school used Bulfinch as a gymnasium, according to the "Academy Hill" pamphlet.

In 1902, six years after a major fire decimated the interior of Bulfinch, Guy Lowell, the architect who would later modernize Pearson Hall in the 1920s, refurbished the former classrooms into a dining hall.

Three decades later, in 1932, the same architects who built Colonial Williamsburg renovated Bulfinch Hall, according to the July 1937 "Phillips Bulletin."

They added the Debate Room and additional classrooms and turned Bulfinch into the building students are familiar with today.

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# ARTS AND LEISURE

## Open Windows at Addison

Sarah Lee

Last weekend, the Addison Gallery of American Art joined with Andover art lovers as the new exhibition "Open Windows," guest-curated by and artist Carroll Dunham '67, had its opening celebration. "Open Windows," held in the left gallery on the second floor of the Addison, features the works of four contemporary American painters based in New York, NY: Keltie Ferris, Jackie Saccoccio, Billy Sullivan and Alexi Worth. Each artist has a series of his or her work in each of four smaller rooms in the gallery.

In the middle gallery are pieces from the Addison's permanent collection which includes works by artists such as John Graham, Franz Kline, Reginald Marsh and Irene Rice Pereira. Dunham chose all of these works.

By juxtaposing the works from the Addison collection with the contemporary artists' works, Dunham creates a subtle connection between the historic and modern art. Dunham said, "By my following my nose, I ended up with a group of paintings that created surprising connections that I didn't really expect."

Ferris, Saccoccio, Sullivan and Worth all have their own distinct styles that make their works stand out on their own. While Ferris and Saccoccio have a more abstract style, Sullivan and Worth have a representational style. "Open Windows" illustrates the creative connections between old and new art.

The exhibit will be open until April 8.



JJUNG/The Phillipian

**Keltie Ferris's abstract work features a rendition of matrixes and radiating lines.**

### KELTIE FERRIS

Works by Keltie Ferris make viewers think of cyber space. Ferris renders layers of oil painting and crayon into his own unique patterns.

Colorful zig-zag patterns fill all of her works, which are done in oil pastels. The patterns radiate from under the acrylics and spray paints.

One of her works "«««»»»" (2010), done on a big square canvas, features Ferris's zig-zag patterns on the bottom layer and silver and white spray-painted dots on the top. The patterns create the abstract and mysterious mood that intrigues viewers when they look closer into the painting. Scattered vibrant neon colors in the painting complement the muted tones. The patterns and colors, all combined in "«««»»»" form a lively picture that resembles

fireworks.

Of her painting techniques, Ferris said, "[For the base layer,] I used a combination of spatula paint and oil pastel lines... I use every color that's in the box - it's unplanned radiating rainbows. It's very unplanned, and it's a meditation for me to make something dynamic that is by rote at the same time. It's very calming for me before I began painting. ... The paint on the topmost layer is the sprayed oil paint. I put thin oil paint down and spray [the] spray paint."

Ferris completed her seemingly strategic paintings with spontaneous renderings.

"I wouldn't say I have just one theme [for my works], but [the] clenching or biting shapes of the spray painted parts, that sort of suggests the idea of opening and closing," said Ferris.

She continued, "My work is really process-based. I began with a certain kind of a drawing and then a matrix and radiating lines. I filled the painting on top of it. These works emphasize what I'm interested in right now, which are radiating matrixes and the outlining forms of hard-edge against soft-edge blurry paints."

Five of Ferris's recent works, all done in 2010 or 2011, are featured in the Addison. All of the pieces took Ferris much effort and time to complete. Ferris said, "The quickest one took about three weeks, but it was because I have to wait until each layer to dry, because sometimes it takes longer to dry between layers. The longest one took me six months."

### JACKIE SACCOCCIO

The layers of oil paint used in Jackie Saccoccio's works make her paintings seem very abstract. However, Saccoccio's painting does have a certain structure as her series of "Portraits" reveal the subtle outlines and features of a human's face.

Three of Saccoccio's works, "Left Portrait," "Portrait," "Right Portrait," all done in 2011, abstractly show a portrait as webby paint dribbles outline faces. In the "Right Portrait," smudged globs of paint suggest hair above the face.

Of the three paintings, Saccoccio said, "These three are from the series called 'Portraits.' They are not based on specific portraits of people but are based on paintings and using palettes from historic paintings. It's approaching abstract painting with the format of portrait paintings. Thinking about a large mass and information that relates to it, I was trying to use the palettes that I was looking at."

All of Saccoccio's works are done in oil paint and mica, and she uses the ingredients to create a graded web-like pattern that is topped on her pieces. Saccoccio said she achieved the pattern by mixing big cans of paint and dripping the paint onto the canvas with a varying speed to alter the turnout of the patterns.

"I try to use very traditional materials, meaning rabbit skin glue and different types of varnishes with oil paint, but I try to use them in contemporary ways or new ways that haven't been used before, so I do a lot of pouring and dripping [so the paintings] are made of a lot of subsequent layers," said Saccoccio.

"[The paintings] take probably a couple of months each to make, and I add mica which was traditionally used to prepare a ground, the basic white, but I used it into the paint with varnish, and I tried to use varnish more as a color rather than just a sealing."

This novel way of approaching the oil paint

makes Saccoccio's painting unique, and she often works with a clear plan.

She said, "I really like working with these big swaths of colors, [so] I don't know how things will actually end up. It's this idea of working with chance."

Of the turnout for her exhibit in the Addison, Saccoccio said, "I'm just thrilled and they look beautiful... I think the pieces that are curated from the main collection are so beautiful that [they give] breath to the American painting, and I've always seen my work as part of that landscape tradition, a transcendental approach to looking at art."

As a follow-up to her exhibit, Saccoccio will also revisit Andover within a few weeks in February to do a wall drawing on the wall by the conjunct area between the Museum Learning Center (MLC) and Elson Arts Center.



JJUNG/The Phillipian

**Jackie Saccoccio's exhibit features her series of "Portraits."**



JJUNG/The Phillipian

**Billy Sullivan transforms his own photographs into oil paintings.**

### BILLY SULLIVAN

Billy Sullivan's oil paintings deliver the warmth of the sun through summer scenes of sandy beaches.

The paintings include light bright colors that complement the soft brush strokes and add to the relaxing feel of the pieces.

All the paintings by Sullivan featured in the exhibit are in fact painted based on the photographs that Sullivan himself has taken over the years.

He said, "Basically, it's a chronicling of my life, and it's just different times and people in my [life]."

Sullivan, having documented his life through

photography, said that he selects different photos from his collection to decide which ones he will use as inspiration for his oil paintings.

The characters present in the pictures are Sullivan's families or friends, and the titles of all his paintings give the real names of the subjects.

For instance, in "Max, Sam & Edo" (2011), a big horizontal canvas of a man and two kids on a beach, Max and Sam are Sullivan's sons and Edo his son's friend.

In each and every picture, Sullivan used the color red in some way to give a highlight to the painting.

However, Sullivan said, this was not pur-

posefully done.

"I guess I do like red, white, pink, sky, sand, water and all the above," said Sullivan.

"Open Windows" was the first public exhibition of these paintings together.

"It's really wonderful to get to see all these paintings in one room. [They range from] 2003 to 2011. So I am really happy to see how they all related to each other over that amount of time," said Sullivan.

### ALEXI WORTH

In her works, Worth plays with the elements of light and shadow to create realistic images that attract viewers' attention.

With the realistic depiction of several layers of graded shadows and translucent outlines, the objects in the painting almost seem to be moving.

"I was interested for a long time in frontal lighting, the lighting that comes almost like flash photography lighting, where the lighting is where your eyes are," Worth said. "I was doing that before and it simplifies things. It makes things very graphic and dark, almost like the lighting of photography, and I wanted to argue photography and make things that would be connected with photography, but [are] totally handmade and mind-made."

The clear-cut silhouettes and the subject matter of Worth's paintings resembles cartooning.

"So to me, this was kind of a way to connect cartooning and photography together... and as I redrew [the pieces] and changed them, I didn't intend in the beginning to have so much motion and revision, but it kind of crept in little by little. I began thinking those two things are together, some of it is revision and me changing my mind, then it begins to look like a motion," said Worth.

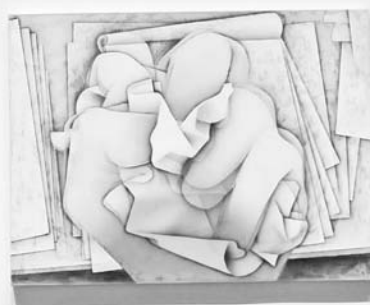
After all, as Worth said, "The world doesn't stay still really."

The majority of Worth's paintings is done with acrylic paint on nylon mesh that creates a distinctive effect of transparency, as the wall behind the painting peeks through the minuscule holes between the mesh.

This was the result of Worth's intent to attempt at painting in an unconventional way.

Worth said, "I was interested in thinking about what happens between your hand and your face, and some of [the pieces] were also inspired by changing the way I work. I used to work in oil paint and I had some ideas of working differently using mesh instead of canvas and painting with spray."

"When I began changing the way I work, I thought I could make the images stronger [using] these other ways but it didn't always work out and there was the feeling of uncertainty and anxiety of thinking, maybe it'll all totally [mess] up. So some of the images like 'Crumpling' [(2011)] came from that," he continued.



JJUNG/The Phillipian

**Alexi Worth combines cartoon and photography to create a kinetic painting painted onto the mesh.**



# THE PHILLIPPIAN SPORTS

Volume CXXXV, Number 1

February 3, 2012

## BOYSSWIM

### Third Straight Record

By Erich Rothmann  
PHILLIPPIAN SPORTS WRITER

Andover	96
Deerfield	89

Andover Boys Swimming's 400 Free Relay team, which consisted of Joe Faller '14, Michael Camarda '14, Eric Benca '12 and Jun Oh '12, broke Choate's previous pool record by 15 hundredths of a second.

The new record of 3:12.34 is the fourth fastest 400 Free Relay time in Andover history. This is the third consecutive week that an Andover Boys Swimming relay team has broken a record.

Oh said of his relay team's performance, "Before the race, Coach [David] Fox called the team over and told us that we had to win the race to win the meet. To have the whole meet on your shoulder is quite a heavy burden. But not only was it just to win the meet, it was to continue our third undefeated season."

The relay team's win proved essential in Andover scraping out a 96-89 victory against previously undefeated Deerfield.

Oh said, "In the end, we all got our heads together and concentrated. We executed our starts; our splits were great."

Benca added, "We didn't even know that we had bro

*Continued on B3, Column 5*



Tim Driscoll '12 skates over a fallen defender.

JJUNG/The Phillipian

## Andover Cleans Up on the Ice; Driscoll '12 Tallies Two More Hat Tricks

By Katie Kreider  
PHILLIPPIAN SPORTS WRITER

Andover	7
Loomis	3

Timmy Driscoll '12 and Captain Eddie Ellis '13 each contributed four goals last week in Andover Boys Hockey's wins over Loomis Chaffee and Deerfield Academy.

Andover stunned Loomis with three goals in the first five minutes of the game last Saturday. Ellis started by assisting Driscoll in putting Andover up 1-0. Shortly after, Michael Lata '14 scored two goals in the same shift, both off passes from Peter Nelson '12.

Andover kept its pace in the second period, tallying six more goals. Larken Kemp '13 scored two for Andover, one assisted by Taylor Perkins '12 and the other assisted by Luca Tresham '13. Assisted by David Belluche '14, Driscoll scored another to earn a hat trick and put Andover up 6-0.

Loomis ended Andover's shutout late in the second period, but still trailed Andover 6-1 at the beginning of the third.

Shorthanded early in the third period, Andover gave up another two goals to Loomis. However, Andover soon answered, drawing a power play which allowed Ellis to add the seventh and final goal of the game.

Head Coach Dean Boyland said, "We were pleased with the start but gave up a

couple of shorthanded goals later in the game. We still need to get better at limiting our turnovers in all three zones. Overall, it was a good effort, especially from a couple of our younger players."

Andover's momentum carried into its 5-2 victory over Deerfield on Wednesday. Andover was caught on its heels early in the game when, 13 seconds into the first period, Deerfield tipped the puck into the right side of the net to leave Andover behind 1-0. However, Andover immediately refocused and responded fiercely.

Minutes after Deerfield's goal, Andover drew a power play. Connor Light '13 capitalized on the advantage, aimed a slap shot at the low right of the net and tied the game 1-1.

With six minutes left in the period, Jason Nawrocki '13 scored a breakaway goal that hit the crossbar and cruised over the line to put Andover up 2-1.

Both teams continued to battle head-to-head in the second period but ultimately went scoreless.

In the third period, Ellis assisted Driscoll in scoring a shorthanded goal to heighten Andover's advantage to 3-1. With nine minutes left in the third, the dynamic duo struck again, as Ellis assisted Driscoll with Andover's fourth goal of the game.

Andover took three penalties in the last three minutes of the game, putting itself at a five-on-three disadvantage. Goalkeeper Ross Bendetson '13 stood on his head while all defensemen blocked shots left and right. Deerfield pulled its goalie to raise its power play and was finally able to find the back of Andover's net. With less than a minute to play, Driscoll scored an empty netter to end the game in a 5-2 win for Andover.

Andover will travel to face Belmont Hill tonight at 5 p.m.

## GSQUASH

### Andover Breaks Brooks

By Jordan Johnson  
PHILLIPPIAN SPORTS WRITER

Down 2-0 after the first two games in her match, Captain Adele Bernhard '14 came back to secure a victory in her match against her Middlesex opponent on Saturday, and Andover Girls Squash emerged triumphant with a 5-2 win. Carrying this momentum into its match on Monday, Andover defeated Brooks with a final score of 6-1.

Regarding Bernhard's performance, Jessica Lee '13 said, "Adele won her match after being down 2-0, fought really hard and outplayed and out-powered her opponent."

After fighting to win her first two games, Catherine Choi '13 was up 2-0, but her opponent rallied back and drew her out to five games. Fortunately for Andover, Choi hit her stride in the final game, and came back from behind to defeat her Middlesex opponent.

Hannah Burns '15 had a tough start to her match and lost her first game, but she was able to channel her focus and crushed her opponent in the following matches to secure the victory.

Both Tafarii McKenzie '12 and Lee fought hard battles in four-game matches. McKenzie worked hard to earn a tight win, and while Lee played closely with her opponent, she could not pull out a win in the end.

Camille Price '15 was neck-and-neck with a strong Middlesex player until the end but lost in the

*Continued on B3, Column 3*

## GIRLSBASKETBALL

### Top-Scorer Brown '13 Wipes Worcester Out

By Kailash Sundaram  
PHILLIPPIAN SPORTS WRITER

Andover Girls Basketball blew out Worcester on Saturday by an overwhelming score of 63-39. In the second half alone, Andover outscored Worcester 27-13. Captain Leah Humes '12 and Alexis Walker '12 directed Andover's offense, making crisp passes and finding post players in the paint.

To overcome Worcester's defense, which involved a two defender trap, Assistant

Captain Kaylie Williams '12, Alex Kisk-Rusk '12 and Maggie Brown '13 grabbed numerous offensive rebounds that lead to easy put-back points. Brown, Kiss-Rusk and Williams all scored in double digits, leading the team with 19, 18 and 12 points, respectively.

Assistant Coach Lewis Robinson said, "Kiss-Rusk's versatility and her ability to score from the elbow, block and baseline was vital. On top of that were Brown's persistence and toughness, William's energy and competitive fire and Humes'

magnificent leadership and confidence with the ball. All these qualities put together really helped us win the game."

On defense, Andover utilized its speed. Andover's defense slid from a man-man to a double team on the ball handler's "blind side" subsequently created steals and turnovers. Walker's tight defense was particularly important, as she shut down Worcester's top scorer.

Robinson said, "Our strategy going into the game was to take care of the ball and to be loud and assertive on defense, and we really took care of these goals."

One concern for Andover was early fouls. The team will need to focus more on limiting the opposing shooter's vision rather than acting on the tendency to want to block shots.

Andover continued its streak on Monday, defeating Brooks by a score of 55-37. The win was a huge upset for Brooks, a team that was coming off of an eight game winning streak.

Amanda Simard '13 said, "We've really improved our team dynamic. We're working really hard and cohesively and that played a major role in our ability to beat Brooks."

The team will emphasize quick play and rebounding in practice to prepare for its showdown on Saturday against rival Phillips Exeter Academy.



S.DIEKEMA/The Phillipian

Kaylie Williams '12 shoots against a Worcester defender.

## GIRLSHOCKEY

### Andover Drops Two to Deerfield and Exeter

By Michael Kim  
PHILLIPPIAN SPORTS WRITER

Andover Girls Hockey struggled to end its six-game losing streak against Deerfield last Saturday and against Exeter last Wednesday, as it suffered 3-0 and 3-1 losses, respectively.

Despite a promising first period, Andover ultimately could not capitalize offensively against Deerfield. Andover received a great opportunity to put a goal on the scoreboard in the first period when Deerfield took a penalty. All things were going according to plan as Andover set up in Deerfield's offensive zone; however, Deerfield caught a lucky break, as an Andover defender couldn't reach a pass from the boards. The Deerfield winger picked up the loose puck behind the defensemen and took off on a breakaway to score.

The period ended 1-0 in Deerfield's favor.

The teams went back and forth again in the second period, but Andover couldn't clear the zone for a chunk of time in the middle of the second period. Andover goalkeeper and Co-Captain Corinne Ri-

vard '12 managed to stop the majority of the shots she faced, but Deerfield eventually capitalized, and scored their second goal of the game.

Deerfield never looked back, scoring its third and final goal at the end of the second period.

Hannah Sorkin '14 said, "Overall, our playing really improved from our last couple of games, but we still need to generate more offense."

The game marked Andover's seventh straight loss and its third straight game without a goal.

"We just need to generate offense. We get badly out-shot in our games and that's just too lopsided. We're not scoring because no one is shooting, so we need to gain some confidence and start getting shots off," said Jordan Johnson '13.

Andover next faced its biggest rival Exeter last Wednesday. The team suffered a 3-1 loss as Exeter came out flying and scored early in the first period.

Andover answered right back with a goal of its own, as Greer McBeth '12 intercepted an Exeter pass and put the puck top shelf, tying the game up 1-1.

Exeter was not done

though. With only minutes remaining in the first period, Exeter scored again, taking momentum and a 2-1 lead into the second.

Exeter didn't let up in the second. Exeter scored once again and took a 3-1 lead into the third period.

Despite a couple of really good chances, Andover failed to put one into the net, and Exeter handed Andover its 8th straight loss.

Sarah Merker '15 said, "At the ends of our games, our team always tends to light a spark and finish the game on an incredibly high note, but this is something we must do for the duration of the game. We need to play a three period game, not just the last 10 minutes in a last-ditch effort to even the score," said Sarah Merker '15.

Johnson added, "Although we've been on a losing streak, I have a lot of faith in our team because there's a lot of positive energy in our locker room, and if we can just bring it to the ice, we will be seeing many more wins than losses."

Andover looks to end its drought on Saturday against the New Hampton School.



## WRESTLING

## Andover Pins Ten at Tilton

By Taylor Chin

PHILLIPPIAN SPORTS WRITER

Ten Andover wrestlers pinned their opponents to dominate Tilton School and Governor's Academy in Andover's last home meet of the season this past Saturday.

Christian Vallis '14 opened Saturday with a pin the first minute of his match against Tilton at 120lb. Vallis's match marked Andover's second win of the day, as it took the previous match by forfeit at 106lb.

Andover next suffered a loss at 126lb, but Co-Captain Brandon Sneider '12 brought Andover roaring back with a 17-1 victory at 132lb. Feeding off of Sneider's momentum, Andover collected four consecutive pins from Sven Lerner '12 at 138lb, Brian Hanafin '12 at 145lb, Min Jae Yoo '12 at 152lb and Colton Dempsey '12 at 160lb.

Andover then took 170lb by forfeit before losing matches at 182lb and 195lb. After another win by forfeit at 220lb, Khalil Blassingame '12 pinned his opponent late in the match to seal the win for Andover 59-15.

"I would say we had the best meet of the season against Tilton. Everyone wrestled hard and well," said Yoo.

Andover continued taking its opponents by storm

when it faced Governor's later that day. The team first took its grip on Governor's with a win by forfeit at 120lb. Nikhil Baradwaj '13 then swept his opponent 16-0 at 126lb and Sneider and Lerner both followed with pins.

After another win by forfeit at 145lb, Yoo took down his opponent 10-6 before Dempsey recorded his second pin of the day, remaining undefeated thus far in the season. James Palmer '14 took the mat next at 170lb and beat his opponent 5-3. Andover lost the next three weight classes before Blassingame pinned his second opponent. Despite a loss at 106lb and a loss by forfeit at 113lb, Andover emerged triumphant over Governor's 47-30.

"The team really came together today and had a strong outing. This is a great meet to build off of and working up to tournament season," said Vallis.

"We have tournaments coming up as well as the last dual meet of the season against Exeter. I strongly believe if we have the same mentality that we had against Tilton, we will finish strong this 2012 season," said Yoo.

Andover Wrestling will next compete in the Northern Invitational at Tilton before its last dual meet this Wednesday against Exeter.



Hailey Novis '13 swam to first place against Deerfield.

S.LLOYD-THOMAS/The Phillipian

## GIRLSSWIMMING

## Andover Drowns Deerfield; Remains Undefeated 4-0-0

By Isabel Taylor

PHILLIPPIAN SPORTS WRITER

Andover	111
Deerfield	75

Andover Girls Swimming fended off Deerfield 111-75 this Saturday. The team now stands undefeated at 4-0-0.

Co-Captain Molly Levene '12 said, "The difference between this year and last year is the strength of our stroke events. Miranda An '15

won the 100 Fly, and Julia Torabi '12, who usually swims the 100 Fly, was able to swim the 100 Back instead and come in second place, with Lauren Conte '14 and Lydia Azaret '12 finishing behind her in third and fourth. We also won the 200 Medley Relay, which very rarely happened last year."

To start the meet off on a high note, Andover's 200 Medley Relay team of Torabi, Emily McKinnon '13, An and Hailey Novis '13 finished with a time of 1:56.14 to steal first. Emily Carrolo '13, Qiqi Ren '15, Samantha Martinez '13 and Mary Catherine Nanda '14 took fourth place with 2:00.53.

Danielle Liu '14 prevailed in the 200 Individual Medley with an im-

pressive time of 2:09.30. Torabi took third place with 2:16.49.

An and Julia Smachlo '13 finished the 200 Freestyle in 1:58.10 and 1:58.96, respectively, and claimed both first and second place. In the 50 Free, Amy Zhao '14 won with 24.56 and Novis finished third with 26.14. The 100 Free was another victory, as Zhao won again with 52.35 and Liu placed second with 53.62.

To solidify the lead, Andover swept the 500 Free. Smachlo won in a time of 5:14.05, followed closely behind by Conte in 5:29.63 and Levene in 5:37.44.

Lilybet MacRae '13 won diving with 283.25 to cap off the team's overall win.

The only event in

which Andover struggled was the 200 Free Relay. Andover barely finished second in 1:42.73. Levene said, "The 200 Free Relay was an interesting event, because Coach Murphy decided to split the A and B relays, hoping to take second and third. This didn't work out, and we took home second and fourth place. We made up for it in the 400 Free Relay when we took home first and third places."

Andover will travel to the Hopkins School in New Haven, CT, this Saturday. To maintain Andover's streak, Ren said, "We just need to continue training hard and make sure we are in our best conditions right before the meet."

## NORDIC

## Andover Pursues Powder

By Jamie Chen

PHILLIPPIAN SPORTS WRITER

Andover Nordic raced 13 of its skiers to make a strong showing at the Gunstock league race this past Wednesday.

Gunstock hosted Andover, Holderness, KUA, NMH, Proctor, Putney, St. Paul's, and Vermont Academy.

The course conditions, which have been unfortunate for Nordic this season due to an unseasonable lack of snow, were decent.

Sean Burkitt '14 said, "There was lots of snow at Gunstock, and it wasn't as slow as the races we've had before. The hills were pretty big, and there were lots of flat and bumpy parts. It's been harder since we haven't had a lot of practice, and we probably need more technique

work, especially in the flat sections, but the team's really fit, which is really good."

Despite low snow levels and little practice time, new skiers have been able to start racing as well. Anjali Krishnamachar '13 debuted her Nordic career last Wednesday.

Krishnamachar said, "It was pretty good, and I thought it went by reasonably quickly. I personally tend to increase my cadence without gliding, so I need to glide more, but I think [the rest of the team is] setting a great example."

Andover's strongest skiers have been able to consistently place in the top ten in this season's races. Captain Max Block '12 flew through the 6K course for third place in the race.

Keith Robinson, Head Coach of Andover Nor-

dic, is very proud of the team's efforts, and hopes that the team will continue to improve.

"[The] team has been working really hard to keep fit and get stronger. It's tough technique-wise to not be practicing on snow, but we are seeing pretty good results. New racers are doing a very admirable job, especially with so little time on snow. They have shown that they are really willing to get out there and give it their best shot even with little time on snow. I admire their willingness to essentially learn how to ski by racing," said Robinson.

With the extra conditioning time, the team hopes to be in good shape for next week's race at Northfield Mount Herman.



S.DIEKEMA/The Phillipian

Kinsey Yost '15 jumps into the pit in the Long Jump event.

## Naranjo '15 Breaks Freshman Record; Andover Splits Victory

By Billy Hubschman

PHILLIPPIAN SPORTS WRITER

Cassie Naranjo '15 broke the Freshman Girls' High Jump Class Record by four inches in Andover Track's dual meet against Chelmsford High School and Wilbraham last Saturday. Naranjo's success led the Andover Girls Track and team to a back-to-back sweep, while Boys beat Wilbraham but suffered a close 58-44 loss to Chelmsford.

Naranjo cleared the high jump 5'2", trumping the original 4'10" record. Shannon Adams '12, Victorie Naranjo '15 and Katherine Tobeaon '14 made up the rest of the girls' high jump squad and collectively came out victorious.

Boys Captain James Lim '12 said, "These ladies are more than exemplifying what talent and depth in PA Track and Field are all about."

Compensating for

the injuries riddling the team, underclassmen yet again stepped up on Saturday.

Lim said, "Kinsey Yost [15] and Tobeaon are improving their long jump marks in every single meet they compete in, reporting yet another two PRs en route to a 1-2 sweep."

Anoush Shehadeh '15 and Aly Wayne '14 are also showing considerable promise and will be key contenders in Andover's upcoming rivalry meet with Exeter. Shehadeh took first place in the girls' two mile run on Saturday, while Aly took first place in the 1000-yard run and second in the 600-yard run.

Johnny Chacon '14 carried the boys, running as the top seed in the 300-yard dash. He had an amazing run against the stacked Chelmsford 300 yard squad, beating his own personal record by a whole second.

Lim said, "The most challenging part of yesterday's meet was to hold

a strong core amidst so many injuries and illnesses. In retrospect, the team did a brilliant job of doing so, stepping up to fill in the vacancies and delivering their absolute best."

Although Lim and Michael Garai '13 are still suffering from their injuries, Joe Kruey '12 returned for the meet and placed second in both the shot put and the 50-yard high hurdles.

Izzy Davila '12 continued his amazing improvements, posting his new personal record in the 600-yard run.

"He is a true wonder on the track, improving at an amazing pace. He will be a force to reckon at Exeter and at Inter-scholastics," said Lim.

Lastly, in the boys' mile, Michael Frasco '12 and James Hamilton '12 posted first and second place finishes, respectively.

Andover will next face archrival Exeter next Wednesday, February 14.

Write for Sports CXXXV!

kmendez

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## BOYS BASKETBALL

## Andover Whipped by Worcester

By Peter Higgins  
PHILLIPPIAN SPORTS WRITER

Andover Boys Basketball trailed Worcester 59-74 at the buzzer last Saturday, ending a disappointing second half during which Worcester outscored Andover 26-37.

Andover struggled with Worcester's length and athleticism throughout the game but was especially out-hustled out of the gate, as Worcester took a quick 11-0 lead.

Andover fought back, managing to cut the deficit to four at halftime. Jake Howell '14 said, "We began to hit our shots and we were able to contain their best play-makers towards the end of the first half. Our defense and shooting percentage was improving, so I was confident that we would come out in the second half and put up a great fight."

In the second half, Andover lost its aggressiveness. Worcester proceeded to widen its lead and eventually clinched the win, handing Andover its second straight loss.

Greg Devlin '14 said, "Even though we lost, we did a lot of things right. We played extremely well on defense down the stretch because of our zone defense, which really disrupted the flow of Worcester's offense. If we play that well on defense, and are able to hit our shots, I think we will do much better against athletic teams like Worcester

in the future."

Leading Andover in scoring was Co-Captain Ryan Hartung '12, who finished with 14 points, and Brendan O'Connell '13, who finished with 11 points. Co-Captain Tom Pallechi '12 ripped down 9 rebounds, blocked four shots and finished with 10 points. Due to Worcester's size and speed, Pallechi was unable to match his season average of 12 rebounds per game, and Hartung was unable to match his season average of 18 points per game.

Christian Jaster '12 said, "Our strategy heading into the game was to allow no easy shots, to slow them down on offense and to not get hassled by their defense. Though the score may not have been close, we cannot let the loss get to us. Respect for an opponent is good; fear is not. We should go out there and play our game no matter who's defending us."

Going forward, Andover will focus on shooting at a higher percentage, as it shot just 44 percent from the floor. Better rebounding is also crucial, as not a single Andover player finished with double-digit rebounds.

Andover looks to improve its 6-9 record when it plays Thayer Academy at home at 5:30 p.m. on Friday.

## GSQUASH

## Andover Wins Two in a Row

Continued from B1, Column 6  
fifth game of her match.

On Monday, in her match against Brooks, Lee made up for her loss at Middlesex in a heart-pounding match in which she came back to win 3-1 after being down in the first game.

Bernhard was also down 2-0 and pulled out a win in the third game; however, she lost the fourth in a close 11-13 game and ultimately dropped the match.

Of the match, Bernhard said, "I love playing my opponent from Brooks, because we really push each other's abilities on court, and I hope to play her more in the future."

Excited about the two victories, Price said, "Our game against Middlesex was intense, and the outcome of each individual match was often determined in the fifth set. This victory, along with our win against Brooks on Monday, has the entire team very excited for High School Nationals this weekend, where we will be playing in Division II."

The two big victories this week have inspired Andover, and the team hopes to continue its success in the High School Nationals on Friday, Saturday and Sunday.

## Captains Feature Corinne Rivard '12, Marianne Brunet '12, &amp; Brooke Van Valkenburg '12 Girls Hockey

The unconventional but dynamic trio of newcomers Corinne Rivard '12 and Marianne Brunet '12 and returner Brooke Van Valkenburg '12 has led Andover Girls Hockey with encouragement and example this season.

An offender, Van Valkenburg takes the captainship after four years of Andover Hockey under her belt. Canadian post-graduate Brunet joins Van Valkenburg on offense, while Rivard, also a post-graduate, protects the net as the starting goalkeeper. Because the team had such a small number of returners, it voted for its captains toward the beginning of this season, allowing the post-graduates to step up.

Van Valkenburg said, "Marianne is a great vocal leader. She works really hard in the drills and leads by example. She is always talking on the ice, which gets us all talking more."

Rivard said, "I love being a captain of this team. I have grown so close to this group of girls in such a short time, and I will have these friendships for more than just my year at Andover. Just being a voice of this team is special and knowing that in a few years the development that started now is going to go a long way is amazing."

Van Valkenburg said, "Corinne is an unreal goalie, so whenever she makes one of her sick saves, it gets us all pumped up. She is such a brick wall back there that she saves us every game."

Rivard noted, "Brooke is very athletic, and she has the experience that leads our team. She is a natural leader, and with such a young team everyone looks up to her for guidance. Everyone trusts her and knows that she gives her best effort every day."

Building almost from scratch with 10 new players, Andover has had a dif-

icult season, its current record 2-12-1. However, the team speaks highly of its captains' leadership both on and off the ice.

Eva Toffoloni '15 said, "Our three excellent captains motivate and unite the team by playing with intensity, working extremely hard, having a positive attitude and leading by example."

Hannah Sorkin '14 said, "All of our captains lead by example, they pump us up, and I feel that I can go to any of them for advice on or off the ice."

Rivard, Brunet and Van Valkenburg's main goal thus far has been building cohesion amongst such a new group of players.

"Since we have so many freshman and new kids (including Marianne and Corinne), my goal in the beginning was to get everyone to understand what PA Hockey is about," said Van Valkenburg.

Andover looks to dig itself out of an eight-game losing streak, and the players will need to build off of their captains' hard work and determination.



S.MORELAND/The Phillipian

By Michael Kim  
PHILLIPPIAN SPORTS WRITER

## BOYSSQUASH

## Andover Bounces Back to Sweep Middlesex 7-0

By Jake Marrus  
PHILLIPPIAN SPORTS WRITER

Andover Boys Squash suffered three 7-0 losses this week against Westminster, Choate and Exeter, falling to 3-9 on the season. Andover faced Westminster and Choate without Alec Buck '13, who was sick. T.J. Lenzo '12 did not play against Exeter. Both the Choate and Westminster matches were held on Saturday at Westminster.

About the dual match, Mr. Hodgson said, "These are two teams we knew would be stronger, and with Alec Buck out, he had been sick all week, that made it even less likely that we would pull an upset."

Westminster's number one seeded player won the U.S. Open 19 and under division. Kun Woo Kim '14 said, "Westminster was one of the best teams we played this season, especially their number one, who I had to

play. He is the best U19 player in the US and most likely to be the number one in the World U19. Playing him was extremely challenging and fun at the same time since he had tremendous talent in squash. We tried our best, but the gap was too big."

Against Westminster, Kim, Alex Demeulenaere '13, Lenzo, Malachi Price '13, and Reid Bradt '15 lost in three games. Justin Curtis '15 lost in four games 11-9, 6-11, 9-11, and 1-11. Cam Morose '13 lost in five games 8-11, 11-9, 15-13, 4-11, and 9-11.

Mr. Hodgson said, "Justin played a close match at number four. Cam lost at number five, but he pushed [his opponent] to the limit. He plays tight balls along the wall and covers the court magnificently, he makes his opponents empty their tanks, and he moves very well."

Morose said, "I am glad

that I was able to play such a close match because of all the valuable experience I gained from it."

Andover also couldn't challenge Choate, losing 7-0 despite several close matches. Demeulenaere and Curtis each lost games in overtime, but they, as well as Kim and Bradt, lost in three games. Lenzo lost his first game 6-11, dropped his second game a fought back to win the third 11-8, but lost the fourth game 2-11. Morose won his first game 11-6 but then dropped his next three 8-11, 9-11, and lost the fourth game in overtime 11-13. Price lost a very close match in five games 7-11, 13-11, 11-8, 5-11, 6-11.

Kim said, "Although we already played Choate, we were missing our number four Alec Buck. This definitely hurt the team. Choate is a very solid and deep team."

Mr. Hodgson continued,

"We played some decent squash and lost 0-7. Choate is a good division two team. There were some times when the guy was up-front and we needed to hit it deep, and some other basic shot selections needed work, but on a whole we played OK."

In Wednesday's sweep by Exeter, Morose, Curtis, and Buck all had overtime games but they each lost 3-0. Demeulenaere kept the first two games close losing each 8-11, but he lost the third game 2-11. Price and Bradt also lost their matches 3-0.

Andover will compete in highschool nationals this weekend at Avon Old Farms and Miss Porter's School. Mr. Hodgson said, "We'll be playing teams right around the same level that we are, so if we play intelligently all the matches will be close."

Continued from B1, Column 1

ken the pool record until a few minutes after the end of the meet, but it was really just icing on the cake after the victory."

However, Deerfield's 200 Medley Relay squad opened the meet with a victory. Andover's team of Co-Captain Derrick Choi '12, Andrew Wilson '12, Tim Wynter '14 and David Cao '14 finished second in 1:38.59.

Before the start of the meet, Coach Fox decided to break up the relay team that had established pool records during the previous two meets.

Cao said, "[Coach] Fox broke up our relay since he knew Deerfield's team did not have as much depth as ours did, meaning that they only had a couple fast swimmers while our whole team was more balanced. Fox thought that our recent times in the medley relay would force Deerfield to put Oscar Miao, their top sprinter, into the other two relays."

After Deerfield won the 200 Free, Oh claimed a first place in the 200 Individual Medley with a time of 1:56.04. Heading into the diving event, the two schools were knotted at 31.

Deerfield won the diving

## BOYSSWIMMING

## Andover Still Undefeated

event and garnered an 11 point lead, but fourth place finisher Kade Call '14 earned his best score of his season.

Call said, "I never expected too much from myself, since their divers were really good. I feel I am developing quickly as a diver, and hopefully I will have improved enough to be able to earn more points against teams like Deerfield at Interschols."

Oh triumphed in the 500 Free in 4:38.42, and the 200 Free Relay team of Wynter, Peng, Fallor and Camarda maintained the momentum with a victory in 1:30.27.

Camarda said, "It was one of the best dual meets I have ever been to. Deerfield really put up a good fight, right until the very end."

Andover led for the first time of the day after Wynter won the 100 Back stroke in 52.45, and its one point lead remained as Andover headed into the pivotal 400 Free Relay. According to Coach Fox, the team "fought through the incredible challenge posed by the excellent team from Deerfield."

Andover will look to continue its undefeated season at Hopkins this Saturday.



Alex Demeulenaere '13 smashes ball in his victorious match over Middlesex.

S.LLOYD-THOMAS/The Phillipian





# ARTS AND LEISURE

## RDFZ GOLD SNAIL SYMPHONY ORCHESTRA FROM CHINA REAFFIRMS BOND WITH ANDOVER

**James Jung**

On Sunday, January 9, the RDFZ Gold Sail Symphony Orchestra of the High School Affiliated to Renmin University of China visited Andover and performed works by both Western and Chinese composers in Cochran Chapel.

"Today marks another milestone in the long and fruitful relationship between our two schools," said Rebecca Sykes, Associate Head of School.

The High School Affiliated to the Renmin University of China is a sister school of both Andover and Exeter. In 2001, the Andover Orchestra played Renmin University High School. Now, 11 years later, the RDFZ Gold Sail Symphony Orchestra brought its talent to Andover.

The RDFZ Orchestra played the majority of the concert, but in two pieces the visiting musicians collaborated with the Phillips Academy Chamber Orchestra, led by James Orent, Conductor of the Phillips Academy Chamber Orchestra and Instructor in Music.

An audience of both Chinese and English-speaking listeners completely filled the first floor of the Chapel.

Jenny Zhou '11, Sunny He '12 and a representative of the RDFZ Orchestra provided translations for all introductions and remarks.

The program included music from contemporary Chinese composers and Chinese folk songs. Between works by Antonin Dvorák and John Williams, the Chinese compositions provided the spark and atmosphere that defined the concert.

Malina Simard-Halm '14, said, "The amount of talent within this group is incredible, wonderful, phenomenal. When you close your eyes and lose yourself in the music... sometimes I found it hard to believe that I [was] at Andover and not at the Philharmonic."

The energy of conductors He Xiaoqing and Wang Linlin helped channel the Chinese musicians' obvious passion for music.

The concert first presented "The Butterfly Lover's Violin Concerto," written by Chen Qigang and Liang Zhanhao, two composers from Shanghai. The piece featured violin soloist Wang Youren, the concertmaster of the orchestra.

While the thunderous orchestra threatened to overwhelm the violin, the solo's ample allure still managed to attract the audience's attention.

In "See Yangko," com-



E.PETERSON/The Phillipian

**RDFZ Orchestra from China created bonds with Andover by collaborating with the Andover Chamber Orchestra.**

posed by Bao Yuankai, the brass and percussion sections dominated the vigorous and martial piece.

A small metallic gong that produced a sound akin to cymbals emphasized the nationalistic nature of the quick and powerful piece.

"Jasmine Flower," composed by He Rong and Li Wenping, started with a solo of delicate bells. A gradual crescendo evolved the careful and quiet introduction into a piece of

strength and confidence through the dignified and majestic strings.

To conclude the concert, the orchestra played Western music in collaboration with the Phillips Academy Chamber Orchestra. The two orchestras performed Antonio Vivaldi's "Four Seasons (Spring)" and John Williams' "Across the Stars."

Jerry Kong, Renmin High School Class of 1975, said, "37 years ago I gradu-

ated. At that time...there was no western music. But after 1980, an open policy in China started from the economic side... you know, people started doing business, breaking the system at the time... they wanted more."

The harmony between the orchestras accentuated the bond that Andover and the High School Affiliated to the Renmin University of China share and also allowed musicians to high-

light the differences between orchestral music in the United States and in China.

Orent reminded the audience of the significance of an orchestra from China. He stressed the rough past of orchestras in China.

He said, "It was around '75, '76, I remember turning on the radio... listening [to a symphony from China], and I thought oh... this so very different."

## VIDEO GAME REVIEW

VIDEO GAMES YOU SHOULD BE PLAYING BUT PROBABLY AREN'T

BY  
OLLIE PENG

### BATTLEFIELD 3



Courtesy Photo of www.battlefield.com

Chances are you've heard about a game called "Call of Duty: Modern Warfare 3." According to its publisher, Activision, "Modern Warfare 3" made more than \$400 million in its first 24 hours of sale. To put this in perspective, "Harry Potter and the Deathly Hallows Part 2" made \$483 million in its opening weekend in theaters.

Unfortunately, with "Call of Duty" raking in that much cash, it overshadows other quality multi-player first person shooters. Now, I've played my fair share of "Call of Duty," and I enjoy unleashing killer dogs on my enemies as much as anyone, but many times I've seen matches devolve into a stalemate because the players are too scared to poke their heads outside. Players find their own corner to hide in and engage in a grueling battle of patience and willpower. They will wait and wait until someone can no longer withstand the boredom and leaves his little hiding spot and comes running through the door to meet an untimely death.

Enter "Battlefield 3." This game has not received as much attention in the press. Yet "Battlefield 3" is

exactly the type of game to break the monotonous repetition of "Call of Duty."

It emphasizes teamwork over individual play, so that rather than having players spread out across the map, either waiting for an enemy to walk into his vision or leaving his teammates to the wolves, players now actively work to assist one another and fulfill objectives. "Battlefield 3," essentially, is a more complex and friendlier version of "Call of Duty."

"Battlefield 3" pits two teams against each other, the United States and Russia. The selection of the Russians as the Americans' opponent is hardly surprising, as Russia has been our perennial video game antagonist since James Bond's 1963 film "From Russia with Love." These two teams battle for control of the map by gathering control points.

Right away, "Battlefield 3"'s focus on teamwork is apparent. The game can handle a large number of players, up to 64 players in one match, and the maps are appropriately expansive, with locations that are about 10 minutes apart.

Players who decide to hide in corners will not

capture control points, leaving the opposing team to control them the game. If a player is alone, chances are one of the 32 enemies will attacking. The game is simply too large for hiding and sniping.

The way to succeed in "Battlefield 3" is to support ones teammates. The most obvious way is to capture points, because the more points you control, the more places you can get reinforcements.

Before entering the game, each player picks a class. Some classes include assaults that heal and revive teammates, engineers who repair and destroy vehicles and blow stuff up and support, who resupply teammates with ammo and provide suppressive fire. Re-con points out enemy locations and helps pick off enemies from afar. A successful team needs a good mixture of all of these classes to complement each team member's strengths.

"Battlefield 3" provides vehicles to further break the stalemate that multi-player shooter games can get locked in.

There are ground vehicles, ranging from the lightly armored Jeep to the

hulking behemoth tanks, and there are air vehicles, including attack helicopters and fighter jets. That's right, jets. It's hard to beat zooming along at 500 miles per hour, watching the soldiers and tanks duke it out below and crashing into helicopters.

The vehicles, if driven competently, can provide a huge shift in momentum for a team by eliminating well dug-in soldiers that are defending a control point.

These vehicles can also punch through walls and bring buildings tumbling down. By the end of the game, the map looks like Godzilla's stomping grounds with flattened structures everywhere.

"Battlefield 3" is a very intricate game, with many concepts that are too in depth to cover in this article. Suffice to say, this is a game quite different from most shooter titles on the market.

While the change of focus from your individual performance to your benefit to the team can be daunting, after a few matches, you'll find that hiding in a corner will never be exciting again.

## NIGHT OF THE LIVING POETS PREVIEW

**Caroline Sambuco**

Tonight in Kemper Auditorium, renowned poets Arda Collins, Cathy Park Hong, Aaron McCollough and James Shea will present their award-winning works at the "Night of the Living Poets" this Friday.

Collins, winner of the Yale Series for Younger Poets, is the author of "It is Daylight;" Park Hong, winner of the Barnard Women Poets Prize, is the author of "Translating Mo'um" and "Dance Dance Revolution;" McCollough, winner of the Sawtooth Poetry Prize, is the author of "No Grave Can Hold My Body Down," "Double Venus" and "Welkin;" and Shea, winner of the Fence Modern Poets Prize, is the author of "Star in the Eye."

The event, organized by Lewis Robinson, Writer in Residence and Instructor in English, and five student liaisons will introduce the poets beyond the words of their poems through readings and discussion.

In an e-mail to *The Phillipian*, Robinson said, "I'm thrilled about the event, because I love hearing this group of poets read their poems aloud, and I look forward to hearing them have a public conversation about an art form that many have only a personal relationship with."

Robinson met the four poets as a student at the Iowa Writers' Workshop, a two-year writing residency program at the University of Iowa. Although Robinson studied fiction writing, he formed close bonds with the writers who were more involved with poetry.

"[Collins, Park Hong, McCollough and Shea] were in the same cohort at Iowa and have gone on to win big national awards. They all continue to keep poetry at the center of their lives. I thought it would be fun to bring them to campus to have them share their work—to have them read their individual poems, which are moving and mind-blowing—and to share with us how they talk about poetry," said Robinson.

One unique aspect about the event is that each visiting poet has a student ambassador. Five English students volunteered last term to introduce and host each poet.

Noël Um '12 is the student ambassador for Collins, Colton Dempsey '12 and Isabel Knight '12 are the student ambassadors for Shea, Matt Mattia '12 is the student ambassador for McCollough, and David Myers '12 is the student ambassador for Park Hong.

The event will feature readings by the poets, as well as a discussion on the art of writing and understanding poetry.

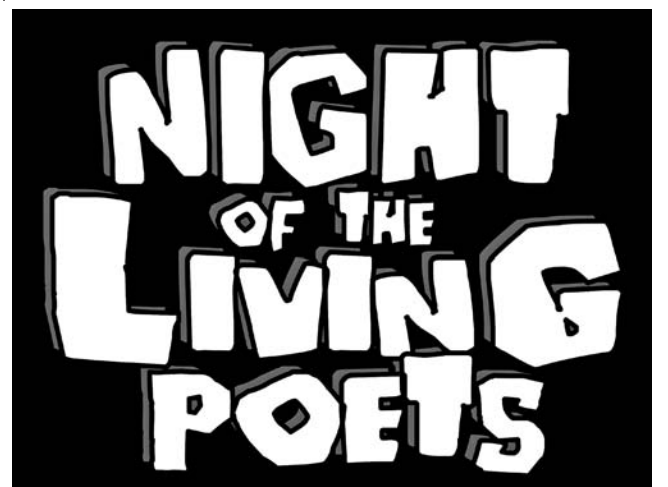
Afterwards, students will have the opportunity to ask the poets questions and interact with them.

"The students I've had here at [Andover] are wonderfully open to poetry—they take risks and write with abandon. I'm looking forward to introducing them to some of the country's most accomplished young writers," said Robinson.

In addition to reading and discussing poetry at the "Night of the Living Poets," Collins, Park Hong, McCollough and Shea will also visit various English classes prior to the event.

*Like Arts? Music? Culture?  
Write for Arts and Leisure!*

**slee3**



Courtesy Photo of Lorenzo Conte '12



# FULL THROTTLE 2: THE ELDER ROAST

## Rick the Rocket

Hey Ricky,

We know you're probably the only person on campus who is going to take the time to read this because you're your own number one fan. You're also probably the only person in the entire world that is deathly afraid of strawberries. That makes sense. Did you get mugged by strawberry shortcake as a child? Here comes our one compliment: you could probably beat a strawberry in a fight. No promises, but probably. You also always wear your hat incredibly low over your eyes. Really going for that mysterious and brooding aura, aren't you? It definitely looks great, though. Don't change a thing. It would look even better if you went back to your old hairstyle (See Below). Let's be honest, you thought your hair looked sooo good, and you most likely secretly still do. It's like a horizontal wreath! Unique!

Love always,  
The Youngers



Try and spot five differences between these pictures and the one on the left. Stumped? So are we!



US Women's Soccer player  
Abby Wambach



Coconut Head from  
"Ned's Declassified School  
Survival Guide"



## Colton The Cabbage

Colton, Colton, Colton... Colton Colton, Colon, Colton.

If you haven't realized by now, we are stalling. Not because we don't love you... but because we do love you! Actually Colton, we're pretty upset at you right now. Look at me, I'm Colton, I'm emotionally reserved and have a sterling reputation. I don't have any glaring personal flaws, so any one who would go to make a roast of me would surely have a challenging time. But that is where you failed Colton "The Cabbage"! Why are you so reserved and perfect buddy? Something you wanna talk about? Are you repressing some deep emotional hurt from coming in third place at both wrestling nationals and the presidential election? How does that bronze taste Colton? Speaking of bronze, you could totally use some bronzer too, you make Casper the Ghost look like Snooki from the Jersey Shore.

See how well you've taught us to fill up space with meaningless words?

Love always and forever,  
The Youngers





# Features gets *Sassy*

**We've got some beef with CXXXV... And we gonna roast it!**

Dear readers,

Beautiful, beautiful readers. Oh so beautiful. We, as your incredibly humble, exceedingly handsome and surprisingly contradictory Features editors are honored to present to you our first official section. For the next year we will caress you with comedy, hug you with humor and seduce you with satire. However we can't say the same for the other sections, save Arts. That is not to say that Arts will do that. That was an actual desperate plea for someone to save Arts. God knows they need it.

With all the sincerity we can muster,  
Your ever-devoted Features Editors,

Pearson W. Goodman & Hemang Kaul

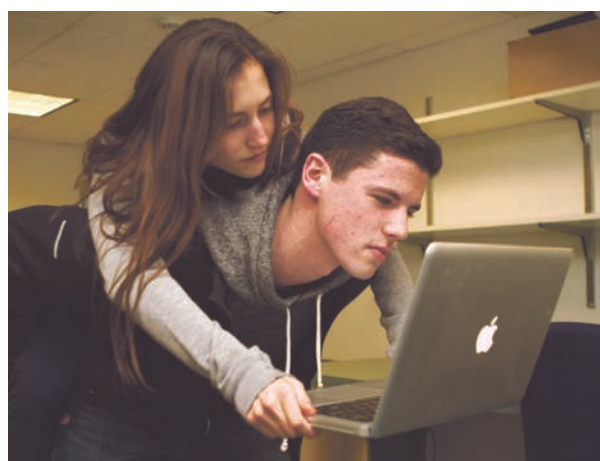
## UPPER MANAGEMENT



Sam sets the lead in coffee-consumption as well as height.

Upper Management, what a group of people. Sure, we here at Features are a little sore that we didn't get the position of Joint Editors in Chief, but we've redirected our energy into constructing miniature, highly flammable origami versions of Sam Green. Nicole and Greg, in a highly televised event called "The Decision," jointly agreed that they were going to leave their less prestigious sections and "take their talents to Upper Management." Connie has been carrying a red pen with her everywhere and editing everything she sees, and Sam Green only got his job because Max carelessly said that the first person in the news room who could solve Freeman Hrabowski's math problem could be the next Editor in Chief.

## News



A budding romance?

News. The heartless heart of *The Phillipian*. The annoying abyss, the boring black hole, the comatose calling card of *The Phillipian*. The first section you see. The last section you read. Just kidding! You don't read News! You just look at the pretty pictures and occasionally take a gander at the headlines.

The editors have already invested so many hours in the newsroom that Connor has become a robot, and Jessica is a zombie. Which one is worse, we couldn't tell you, but if they ever got in a fight, we could totally sell movie rights.

## Commentary

Don't we all just hate it when people try to shove their opinions down your throat? Well, that's the beauty of the Commentary section! Instead of having to listen to people's unavoidable personal opinions being shouted at you, the lucky Phillipian readers have the luxury of having these arguments in a written, easily ignorable form. Are you one of the small minority of people who like being told why they're wrong? Well Christiana, Raeva and Zach will be more than happy to tell you! Christiana can tell you about how it's just *so hard* never having to exercise for crew and just to sit there and yell, while Raeva tries to convince you that it's actually fun to live with freshmen and Zach talks about how he loves every single All-School Meeting he's seen.



Christiana smiles for the camera.

## Sports

If *The Phillipian* were a body, then Sports would be the muscles. They struggle with words longer than three syllables and have an even harder time digesting anything other than straight whey protein powder.

We'd love to tell you more about the new editors of this section, but Kristin, Kevin and Alexi don't like to talk to anyone who isn't on a Varsity sport. That explains why Greg is no longer with them.



What face is Kevin making, exactly?

## Arts

This year Arts is down to just one editor. No, it's not because no one reads Arts. Wait, actually it is because no one reads Arts. One might say Arts is the best part of the newspaper. That one person would be Sarah Lee. And then Sarah can barely even keep a straight face when she says it. Here's a little riddle for you. Why did the Arts editor cross the road? Oooh, I know! Because Arts sucks!



Can you spot the lone Arts editor?

## PHOTO

Oh, photo. What can we say about photo? First of all, Scott, I've taken better pictures on my Nokia flip phone. Seriously? Your photos are almost as bad as your attempts at humor. Sorry to be the one to break it to you, but Photoshop can't edit your jokes.

And, Stephen. Every single time we send you an e-mail we suddenly want to go to a marshmallow-filled theme park called Smoreland. Also, did you buzz cut your own hair? It shows.

They're Lower editors. In terms of power, they're about equivalent to anyone who buys a copy of *The Phillipian* because they mistook it for fancy kindling. Photo, why don't you just go take a depressing picture and blog about it?



Stephen and Scott show off their photo prowess.

## Features Presents... Top Ten

Reasons CXXXV is better than CXXXIV

10. UM - Good things come in small packages. Except for Sam
9. Already installed an indoor basketball court
8. No kopy editurs too censor Featrys... (Maia can't tuch any; un-front page.)
7. Sam Green's hair. Look at that volume.
6. Basic Math:  $V > IV$
5. Gurge
4. We can beat around the bush all day, but let's face it, we're pretty darn beautiful.
3. Go 'Green' or go home.
2. Arts - one down, one to go
1. We learned from the best.

Photos by Stephen Moreland, Scott Diekema and Kennedy Edmonds