



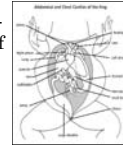
Open Mic Night= Endless Talent Pg. 2



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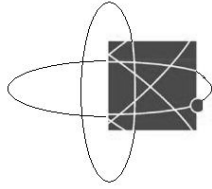
Review of Spider-man 3 for the 3 of you who haven't seen it yet. pg. 5



Dissecting dissection page 7



If you build it will they come? page 8



The Academy for Math, Engineering and Science

The AMES Satellite

"Completely fair and balanced. No argument."

Volume 4 No. 3

May 2007

Upcoming Events

- May 7-10—Earth Systems/ Biology CRTs
- May 7-17—Language Arts CRTs
- May 11—AP U.S. History Exam
- May 15—AP Psychology Exam
- May 16—AP Art History Exam
- May 17—AP World History Exam
- May 18-23—Math/Chemistry/ Physics CRTs
- May 23—Senior Banquet
- May 24—AMES Showcase
- May 28—No School, Memorial Day Holiday
- May 29—Senior Lagoon Day
- May 30—Check-out, school dismissed at 1:25, Locker clean-out
- May 31—Yearbook Day and BBQ, school dismissed at 1:00
- June 1—Graduation 2:00

SCIENCE FAIR SUCCESS WORTH CELEBRATING

Bri Whatcott

Walking into the AMES Science Fair on the morning of March 13th you could get a glimpse of the last minute preparations. Students were busy putting the final touches on posters and trying to conceal any nervousness. An incredible amount of preparation went into the AMES science fair. Coordinator Tanya Vickers had spent countless hours helping students prepare, and now all the work was about to pay off. In the end, the AMES Science Fair proved inordinately successful, sending 27 projects to the regional fair from which three projects would be chosen to move on to the Intel International Science Fair in Albuquerque, New Mexico.

The AMES Science Fair saw a first place victory by the

sole freshman participant Maia Bromley-Dulfano with her project, "Does orienting a sound source at different angles impact reception of frequency/decibels?" The first place team project was April Buckway and Katie Christilaw's, "Improving Reading Comprehension in 2nd Graders." There were numerous other awards and all the participants should be congratulated on the quality of their work.

At the Salt Lake Regional Fair at the University of Utah, AMES received numerous awards including: Ngoc Tran-American Psychological Association Award; Lynee

Ritchie, Sarah Butler, Nicole Denkers—American Society of Civil Engineers Award (First Place); Andrew Cobb—American Society of Civil Engineers Award; Laurel Hales and Candice Murray—National Oceanic and Atmospheric Assn; Nick Terry-Symantec (\$10,000 Scholarship); Stefan Tucker—US Army Award; Ludmila Nicolina, Ines Barrios—US Dept Health and Human Services; Lynee Ritchie, Sarah Butler, Nicole Denkers—Water Environment Federation. Other Special Category Awards included: Ngoc Tran (1st Place) Behavioral and Social



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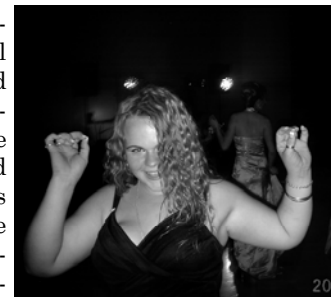
007 INVADES THE PROM

Bri Whatcott

The nice thing about a James Bond themed Prom is it almost guarantees guys will dress up in spiffy tuxedos and suits.

The 007 theme was in reference to this year's graduating class of 2007. The event was held in the University of Utah union ballroom which proved to be a terrific venue for the dance. Students looked spectacular, and the music was

great with numerous musical genres and good variety. Pictures were available and many students took advantage of the photographers willingness to permit slightly more wacky poses. Laura Angell, who was attending her first



All AMES Students move this well.

dance said that it was "amazing."

With other events going on at the U of U some students took advantage of outside activities like bagpipe players and live bands. But, of course, the real party was inside.

AMES NEWS

Science Fair Continued from page 1

Transportation; Daniel Blake more (2nd Place) Engineering: Electrical and Mechanical; Sarah Nitsuma (1st Place) Medicine and Health Sciences; Maia Bromley-Dulfano (3rd Place) Physics and Astronomy. In the Senior Teams Division: April Buckway and Katie Christilaw (3rd Place); Special Faculty Award: Tanya Vickers (AMES Science Fair Mentor/Coach) and of course: Intel ISEF Grand Champion Winners Katy Schramm and Abby Gardner. Katy and Abby will be traveling to New Mexico to participate in the Intel International Science Fair May 14-18th.

For some science fair participants, their project has led to other opportunities. Both Katy and Abby were interviewed by public radio station KRCW. Ahrash Poursaid was featured in a Salt Lake Tribune article about the regional science fair and was subsequently invited to present as part of a free public dialogue on the energy and economics of hydrogen that was held at the City Library on May 3rd.



Ahrash Poursaid

EVENING SHOWCASES AMES TALENT

Krystopher Broschinsky

On March 9th, AMES held its fourth annual Open Mic Night. There was a lot of great talent on display this year, and performances included instrumental music, singing and dance.

Of the many performances that night, and one of my favorites was Raya Wall and her group called Samba Fogo. Samba Fogo is a group that performs Brazilian dances with lots of drums. These drums provided an interesting beat to the dances. Also there was Marley Clayton performing "Over the Moon", which was part song and part recitation. Holli McDougal also performed, singing "Who's to Say," accompanying herself on the piano. This



Ludmila Nicolica performs

year also saw the return of the Aikido class that performed some of the basic defense moves that are taught to students.

Also performing was AMES' very own band, The Chords, who sang some of their own songs.

This year's Open Mic Night included something more than the usual music dancing. In the middle of Chris Arita and Nima Rakhsha's performance, Chris made an announcement and asked Lala to the AMES' prom. So sweet.

Anyway, all of you who didn't make it this year missed out on some cool stuff. Can't wait 'till next year!

Awards Banquet Celebrates Achievement

Laura Angell

Most teachers can tell you the problem with the annual AMES Awards Banquet is that there are so many deserving students it can be a little daunting to decide on just a few students to recognize.

This year's award banquet was held at the Fort Douglas Officers Club and was attended by approximately one-hundred and sixteen students and their parents, as well as teachers and special guests including the AMES

board of directors and guest speaker and board member, Hiram Alba. Mr. Alba, an engineer, gave an entertaining and informative speech focusing on the importance of science and engineering in our society. He shared a number of jokes making fun of the

perceived "geekiness" of engineers and kept the crowd engaged while still making an important point.

Afterward, AMES principal Al Church presented the awards. Each invited student received an award—and in some cases, more than one award. Students were recognized for outstanding achievement in all academic areas as well as activities such as the Science Fair, and math competitions.

Overall, the banquet was beautiful and well-organized. It proved to be an excellent way of celebrating the accomplishments of AMES students.



Hyrum Alba addresses the crowd.

In addition to student recognition, Keith Homer, AMES Spanish and FLEX teacher received an award as the AMES teacher of the year. The award was underwritten by Merit Medical.



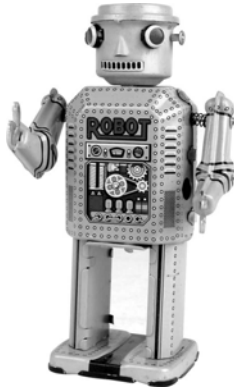
AMES NEWS

Robotics Teams Rule Competition

David Mitchell

Beginning in January, students in Mr. Webster's introduction to programming and robotics class began the process of building and programming robots. Students worked in teams of four and were each given a responsibility that correlates with those in a professional work environment.

Students were preparing for the ITT tech robotics competition. At the competition,



AMES had the most representatives with one team for King of the Hole, a course where a robot has to collect cups and drop them in a hole; one team in the crane event where a robot moved magnetic items to various locations; and six teams in the line following competition where a robot would follow a line, the robot with the fastest time winning. AMES teams placed first, second and third in

Static Display and Presentation, sec-

ond place in King of the Hole, and 3rd place in the Crane event. Participants included: Alan Meyer, Paul Brantly, Justin Nelson, Daniel Blakemore, April Mohr, Rick Steffanussen, Steven Walther, Nick Hutto, Nick Terry, Levana Nicolia, David Mitchell, Shalom Samuel, Matthew Lohmeyer, Ludmila Nicolia, Jason Slack, Michael Anderson, Kevin Garcia, Trevor Overby, Jacob Jensen, Conor Hodgson, Vincent Holt, Johnathan Peterson, Chris Robinson, Carlos Escobar, Cameron Cottle, Lynee Ritchie, Thomas Murray, Sam Rivera, Taylor Crowe, and Jackson Northrup.

SPIRIT WEEK A SUCCESS

Bri Whatcott

Spirit week was the brainchild of AMES senior Amber Wilson who thought that AMES could use more activities that bring students together and give students in different grades the opportunity to get to know each other better.

Spirit week involved a series of activities and friendly competitions.

Students built bridges and catapults during lunch.

Students also dressed in grade specific colors throughout the week and accessorized with custom made AMES dog tags which proved to be very popular among students.

Although Amber was primarily responsible for the organization of

spirit week, a number of students provided assistance including Kim Kalp, Amanda Gowans, Terry Fullerton, Bri Whatcott, Jessica Townsend, Steffan Tucker, Megan Davenport, Chad Vargo and Tara Valiant.



INTERNSHIP FAIR INFORMS AND ENLIGHTENS

Sam Rivera

Internship! It is a class required for graduation. For all the 10th grade students who are preparing for next year's internship, Martha Taylor, AMES' Community-Connected Learning Coordinator, organizes an internship fair where students who have completed internships this year could share what they learned with those preparing for an internship next school year. This was the event's first year.

There were numerous people available to talk about their internship and not

enough time to see everyone. I talked to Brenda Torres who interned at Oquirrh Dental as a dental assistant. Some of her tasks were observing and sterilizing instruments, setting up rooms, and suction. "It was the best experience of my life," said Torres, "Thanks to Martha I have found the career that I want to pursue."

Perhaps the center of attention at the fair was Margarita Fierro with her presentation on her internship with the Disability Law Center. Margarita noted: "I would love to do it again." Some of the activities she was in-

cluded attending court hearings, shadowing a third district court judge, filing paperwork, and answering phones.

Overall, the Internship Fair was very intriguing and it has undoubtedly helped AMES' sophomores better understand the expectations and requirements of internships including some of the options available to them. Next year will have still more opportunities and journeys that will help us investigate future career options.



TEACHER PROFILE: DANA BOGAARD

Ngoc Tran

Tenth grade Language Arts teacher Dana Bogaard is new to AMES this year. A graduate of the University of Utah in English, she comes to AMES after teaching French for 25 years at Kearns Jr. High and then spending another 6 years teaching French and English at Kearns High School. Students at AMES are certainly benefiting from her experience.



attitude of most of the students.

What most surprised you about AMES?

As in all schools, the abilities of the students vary, but the desire to succeed seems universal.

When you're not teaching, what is your favorite thing to do?

I love to read, of course, but I'm learning to play bridge and I enjoy the Utah Jazz.

"No one can make you feel inferior without your consent." —Eleanor Roosevelt

What advise would you give students?

Never give up. You won't know what you can achieve if you quit when you find the work to be difficult.

With summer vacation almost here, any exciting plans?

I am very excited to be going to China this July for 2 1/2 weeks. It has been a dream of mine for a long time.

In conclusion, and to avoid a really large picture, Ms. Bogaard added: "I have taught school for 36 years and this has been my best year ever.

Why did you decide to come teach at AMES?

I wanted to teach where students were interested in doing well in school. I really like the positive

What book do you like best?

My favorite is Catch 22 by Joseph Heller.

What is your favorite quote?

Student Profiles: People Willing to be Good Sports

Sharifa Matin

Cesia Dominguez

Sharifa is a ninth grade student at AMES who previously attended Kennedy but would rather claim Brockbank as her school since she attended school there in 7th grade and liked it better. Sharifa hopes to go into the medical field after college, although she hasn't decided on a particular field.

Favorite movie: The Illusionist

Favorite vacation: Afghanistan, last summer

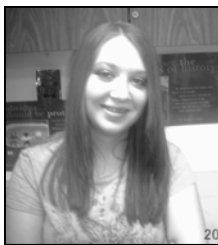
Favorite book: Blue Fingers

Music: Alternative rock and screamo

Hobbies: reading, swimming, and typing

Favorite subject: English Pets: Two cats, Loki & Angel

Quote: "Can I have a dollar?"



Yonatan Barajas

Cesia Dominguez

Yonatan Barajas...man of a million Metallica t-shirts...okay, well, not a million. Yonatan, a freshman here at AMES is perhaps best known for his skills on the guitar. Yonatan has no career plans as of the moment and would be willing to consider your suggestions.

Favorite movies: Underworld, Blade, The Covenant, Van Helsing

Favorite subject: guitar

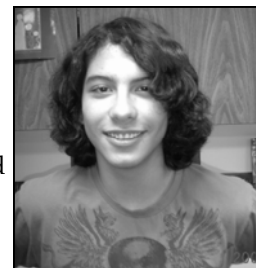
Favorite book: Resident Evil

Hobbies: playing guitar and sports

Favorite vacation: Las Vegas

Music: Metal (Please refer to t-shirts)

Quote: "Life is simple: we make choices and don't look back."



Entertainment



THE CHORDS TEAR IT UP AT KILBY

Alex Grim

In their now legendary concert at Kilby Court, the Chords played a variety of songs from their trademark, "Through Hanging Low" to newer songs. In their first post-me concert, the band really opened up and shared their potential.

About forty to fifty people were at the show—which at Kilby is a sizable crowd—including numerous enthusiastic AMES students.

The Chords are Christian Mills on guitar, sometimes bass and vocals,

Chris Arita on guitar and vocals, Sam Emmons on drums and Mike Adamson on bass and sometimes guitar.

Sam Emmons reached "rock god" status by playing drums that were simply mind-blowing. He even got caught up in the mood with some drumstick spinning techniques.



Christian also achieved greatness with mind-blowing vocals, blood-boiling solos, and mind-blowing riffs.

Chris and Mike were also great, bringing whole new levels of rock to the band. It was a great show that will hopefully be followed up by many more great shows to come.

Spiderman Swings Back into Action

Jordan Brockman

Spiderman 3 was an amazing movie with extraordinary special effects, awesome acting, and a great script. I really suggest seeing it as soon as possible.

Not everybody has been so enthusiastic about the third Spiderman movie. Some have



complained that there was too much focus on romance over action. Actually, this worked to the movie's benefit. Its important in a movie to have calm parts to balance the action. It can't be all action all the time. Even action, without anything to break it up, can get boring after awhile.

There are so many things that make *Spiderman 3* a great movie. First of all, is the action, which is more intense than in the past two films. Second, the movie really draws the viewer in until it almost feels

like you're there. But ultimately, it was the great script. My only complaint was the lack of a thorough explanation of how the simbiot got to Earth and the lack of background into the lives of the villains. But then, the movie was already two hours and fifteen minutes long.

Rumor is Sam Raimi, director of the Spiderman movies, is thinking of moving on and taking Peter Jackson's place as the director of *The Hobbit*. After seeing *Spiderman 3* though, you can only hope he reconsiders and makes *Spiderman 4*.

Disturbia has Nothing on Rear Window

Maria Saavedra

Nothing like hearing a movie being proclaimed as the best film of the year in one of those TV commercial blurbs...particularly when its only May. They're calling them awfully early these days. As you may know, *Disturbia* came out in late April and judging from the fact that at least someone thought it was *The Best Film Of The Year*, I went to see it a few days after it opened.

Disturbia starts out with a young man and his father enjoying a fishing trip. As

they're headed home they end up in something of a road-rage situation which results in a crash killing the father. The young man (Shia LaBeouf) must then deal with the trauma but fails miserably eventually ending up on house arrest. With the chal-



Would you want this guy as a neighbor?

lenge of house arrest exacerbated by his mother's grounding him from all media, he develops an interesting hobby of spying on the neighbors. Of course things get interesting when one of the neighbors turns out to be a serial killer.

The acting for the most part is solid. The plot gets off to a slow start, but picks up toward the end with an in-your-face finale. I wouldn't exactly be dubbing it the Best Film of the Year. At best, it's a competent reworking of Hitchcock's *Rear Window*—which is honestly a much better film.

Opinion

DOWNTOWN RISING?

Justin Yerbury

Downtown Salt Lake City...quiet...desolate...dead, much like Utah's culture. Many restaurants had to close for dinner because of the lack of people going downtown and with the competition of the Gateway things got even worse.

The LDS Church, however, has implemented a rebuilding of historic downtown, a 1.6 billion dollar project expected to last nearly five years. It will turn the two original blocks of downtown into about ten. It will open up historic roads that have long been closed and change the course of City Creek canyon. There will be many fountains and outdoor activities. The plan will rebuild many buildings and create more housing structures in an at-

tempt to turn downtown into a twenty four hour playground.

But what kind of playground? Many are nervous that the LDS Church won't

pay attention to the small, local businesses of downtown and when looking at the stores they plan to have open down there—Louis Vuitton, for example—you can't blame them.

Another concern is whether this is an attempt to "Mormonize" downtown, espe-



Cartoon courtesy of Spencer Charles

cially when they have announced well in advance that all stores will be closed on Sundays thereby taking out about 15.6 of downtown's potential business income.

But whether or not you're a skeptic or a believer, downtown is changing and one way or another there will hopefully be a Renaissance in downtown culture. There will most likely be a sky bridge that will connect two blocks together and modern condominiums are already being built. Utah seems to have its eyes on the future. Let's just hope that it's a future that includes everyone.

Little is Known About Crisis in Darfur

Justin Yerbury

Recently, I took an informal poll of both AMES and Cottonwood students to determine what they knew about the crisis in Darfur. Of the seventy-seven people polled, only seven were knowledgeable about the location of Darfur and the ongoing genocide that is taking place there. Some of the more interesting responses to the question: "What is Darfur?" included: "Is it a type of fur?" "Is it a state?", and one Cottonwood student in a lowered voice responded: "Is it a drug?"



Refugees from the Darfur conflict at a camp in Ethiopia.

Africa in the Sudan, the people of the region have been forced into fighting over scarce resources resulting from the total drying up of the primary source of water, Lake Chad. Most of this water was used for subsistence agriculture. With crops dying from lack of water, there is less food to go around. Naturally, the tribes

of the region banded together creating two militia groups to aid in the fight over resources and control of the region. The two groups, the JEM (Justice and Equality Movement) and SLA/MM (Sudan Liberation Arm) tried to rally the support of the gov-

ernment. But instead, the government of Sudan hired the Jangawee, a group of nomads of Arabian decent to go into the region and kill all the tribes-people of Darfur and all who support the militia groups. Under Article 1 Section E of the Geneva Convention, this qualifies as genocide—the systematic extermination of a national, racial, cultural or political group—under the Geneva convention.

So far the United Nations estimates that 400,000 have died from war and the conditions resulting from war. Although international law states that "persons committing genocide or any other acts enumerated in Article III shall be punished whether they are constitutionally responsible rulers, public officials, or private individuals." (Geneva Convention, Article IV) Nevertheless, there have yet to be any effective sanctions or actions against the Sudanese government.

Darfur is an undeveloped region in an underdeveloped part of the world. Located in north-central



Point/Counter Point



How are We Supposed to Learn Anything

Without a Little Dissection?

Bri Whatcott

There are centuries of history in which those in the medical profession engaged in interesting “treatments” for a variety of ailments. Doctors once insisted that one of the best ways to treat a patient was to ‘bleed’ them—cutting their arms or wrists and letting the blood drain into a pan. Yep, get rid of a little of that bad blood and everything’s better...right? Of course this was around the time when the very idea of examining the physiology of the human body postmortem was treated as something only fiends and psychopaths. There were no gross anatomy classes and so what was known about the workings of the human body was primarily conjecture.

Dissection—looking at the inner workings of any system—is an essential tool for learning. The biology classes at AMES each year dissect fetal pigs as a means of learning more about anatomy. This is a good thing. Since most mammals are built more or less the same, what’s learned from the pigs can be generalized to other animals and even humans. (This also means that pigs are superior to frogs since, as mammals, they have far more in common with human beings.)

Dissection helps develop a better understanding of life. Without this knowledge, the human race would hardly be in a position to cure diseases, repair bones, understand the workings of anatomical systems, and improve the quality of life.

Dissection...is an essential tool for learning.

-Bri Whatcott

**DISSECTION
GOOD OR
BAD?**

Most dissected animals are bred only to be sold to schools for the purpose of dissection.

—Kenan Karalic

The Unnecessary Evils of Dissection

Kenan Karalic

Many of us have been there, sitting in front of a high school biology or anatomy class when the dreaded subject of dissection comes up. Of course there are always some students who are enthusiastic about the whole idea, but others are horrified.

During the process of dissection, students are instructed as to how to break the pig’s bones and the instructor passes out the animals and the trays. Lots of students struggle through the dissection and completely miss the point altogether.

Even after the dissection is complete, students don’t always consider the experience to be particularly educational. One message, however, is clear: it is okay to breed animals to die. Most dissected animals are bred only to be sold to schools for the purpose of dissection. Is it really moral to create living things for the sheer purpose of killing and dissecting them?

There are many alternatives to live dissection, such as computer base models which provide a whole lot more information, interactive courses, and quizzes to assess knowledge. Computer models can provide access to a myriad of other animals that are not available for schools to purchase and it’s a lot more fun for students. Another alternative is physical models generally made of plastic with labeled removable parts. The parts are colored to have the appearance of a living organism. While preserved animals are only used once, models can be used year after year. Available models include the entire human body, rat, cow and, of course, fetal pig among others.

Dissection Time

Alex Grim

Biology teacher, Tammy Aho’s students, from the 11th of May until the 18th will be participating in the dissection of fetal pigs to observe their organ systems—specifically, the neurological, circulatory, reproductive, respiratory,

endocrine, muscular, digestive, and skeletal systems. The dissections, according to Mrs. Aho, are part of a “comparative anatomy project emphasizing structure and function of plants, pigs and the human systems.” Although in previous years, AMES students have dissected fetal pigs, this will be the first year to

feature plant dissections.

The students will prepare a presentation plan grouped according to which systems they dissect that will feature microscope slides that highlight tissues that enable observation of their systems. Groups will present to their peers.

THE ACADEMY FOR MATH, ENGINEERING AND SCIENCE

5715 S. 1300 E.
Salt Lake City, Utah
84121-1099

Shannon Freestone - Newspaper Advisor
Phone: 801-278-9460
E-mail: sfreestone@ames-slc.org

Staff

Editor-in-Chief	Alley Douros
Associate Editors	Maria Saavedra
	Alex Grim
Managing Editor	Bri Whatcott
News Editors	David Mitchell
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Contributor	Jordan Brockman

Coming Soon to AMES' Website.

Out here

Poetry Corner

Peace

*Don't judge a book by its cover nor
a person by their face.*

*Don't judge people by their color
or a nation by their race.*

*Read deeper for a story,
don't judge what you can't see.*

*Read until the end,
we want peace and harmony.*

*Constant bloodshed and tears
to gain peace we fight a war.*

*Allies to some, enemies to others,
open your heart along with a door*

*Let them see what it's like,
a nation in constant turmoil with
itself.*

*Put away guns and bombs
support peace and put weapons on
a shelf.*

*Peace is merely a hope
that everyone searches for when
they fear.*

*Peace is fragile and frail
so many prayers we don't hear.*

*What kind of world will our chil-
dren live in?*

*A world of war, hatred and re-
morse?*

*Our homeland would be cursed
if the enemy were to take us by
force.*

*Pray to your Gods
for warless peace,
so your children can come home.*

—Sarah Lane

Editorial: Censorship Ironically Alive and Well

Alex Grim

A couple of weeks ago, four students attending AMES were given a wonderful opportunity to go to Park City and attend a screening of a Sundance film titled: *This Film is Not Yet Rated*. This particular film is about anti-censorship and speaking out against age restrictions and MPAA ratings.

Participation by these students, however, was 'censored' and they were unable to attend due to the fact that someone felt that the release form that parents needed to sign for participation was not "descriptive enough." Basically, one individual was

concerned that parents were not enlightened enough about the content of the film. Now obviously, any film dealing with censorship has the potential of pushing certain boundaries.

Personally, I feel this act was ridiculous. All four students had their forms signed and the release forms featured the names of Matt Stone and Kevin Smith, both of whose work is known to push boundaries. The release form also noted that *This Film is Not Yet Rated* contains "high profanity and sexual content." How much more descriptive can you get? Is it possible to prevent students from attending a screening when they already have the

release forms signed? Too often, it seems, people are busy worrying about how art will effect others. Because of one person's lack of faith in the maturity of teenagers, four people lost the opportunity to engage in what would have undoubtedly been an educational discussion of the line between protecting the public and censorship. I think that censoring an anti-censorship movie defeats

the purpose. Don't you?

