



**KALAMAZOO AREA MATHEMATICS AND SCIENCE CENTER**  
*Keeping KAMSC Families Informed*

## A Special Thank You!

The KAMSC staff says **THANK YOU TO ALL PARENTS** who volunteered their time to help with the mailing and the 2010 Entrance Exam on Saturday, January 9.

**We couldn't do it without you!!!**

## Annual Alumni Reunion

On December 18, approximately 100 KAMSC alumni returned to KAMSC. Many of the alumni, representing colleges and universities from coast-to-coast, served on panels in the early afternoon. The panels spoke of their college experience and answered questions from current KAMSC juniors and seniors. The alumni then had time to socialize, visit with teachers and munch on snacks that were generously provided by KAMSC parents. This is an annual event that benefits everyone.

## Eight years and no end in sight:

## The KAMSC Science Fiction Film Festival returns.?

Despite Hollywood's best efforts to derail it, the 8<sup>th</sup> Annual KAMSC Science Fiction Film Festival will once again be held from 7:00 PM, Friday, March 19<sup>th</sup>, until approximately 4:00 PM, Saturday, March 20<sup>th</sup>, 2010. As we have for the past seven years, we will be showing a series of classic – classically bad, that is – science fiction movies along with one of the few outstanding scifi films ever made. All KAMSC graduates, students, parents, and faculty are cordially invited to attend. The KAMSC Student Senate may or may not offer beverages and snacks as part of their fundraising efforts this year (you'll have to attend to find out if they've got anything for sale). Once again, this will be a "sleepover" event and students will have the wonderful opportunity to gag their way through some of the worst science fiction films ever inflicted on humanity. As usual, expert commentary will be provided by any and all members of the audience (a la *Mystery Science Theater 3000*) throughout each screening. And, of course, we always need parent chaperones to help out during this unique +18-hour marathon of movie madness. For more information or to volunteer to help out during the Festival, please contact Mike Sinclair at 337-0004. See you at the movies!



### \*\* Parents \*\*

Students who drive are **REQUIRED** to register their vehicle with the KAMSC office and be issued a KAMSC parking sticker. Cars not displaying a KAMSC parking sticker may be towed. Please remind your student to park in the student parking area, which is the north end of the lot (North of Dutton Street, and along Pearl Street). Registration forms are available in the office. If you have any questions, please contact the office at (269) 337-0004.

### Reminder

Students may leave backpacks in front of lockers and shelves only. Please do not block doorways, elevator, fire boxes, etc

#### KEEPING KAMSC FAMILIES INFORMED Special Interest Articles:

Phone:  
\* **Sizzling Summer  
Science '10 &  
Investment  
Opportunity**

\* **Qualifiers for  
Part II of MMPC**

\* **Senior Parent  
Information**

**Northwestern  
University –Center  
For Talent  
Development**

#### Individual Highlights:

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## KAMSC Research Team

KAMSC classes in Biology, Chemistry, Physics, AP Physics, AP Biology, Microbiology and Biomedical Science are actively engaged in designing their research projects. The KAMSC RESEARCH team has been working on their research projects since the beginning of school. Some topics of research include:

An Analysis of the Inhibitory Effects of using Algal Extract in Yeast Fermentation of Ethanol vs. Glucose  
 The Use of Chlorine in the Presence of Heterocyclic Aromatic amines to Oxidize Alcohol to Corresponding Ketone  
 Application of Vibrational Spectroscopies to Monitor Oxidation in Edible Oils  
 The Effects of Proximal Metatarsal Osteotomies on Hallux Valgus Deformities  
 The Effects of Scoliosis Curvature on Lumbar Support for Task Seating  
 And many more.....

Come see these fascinating student research projects at the annual Southwest Michigan Science and Engineering Fair to be held at Western Michigan University's College of Engineering and Applied Sciences on March 19, 2010. For more information contact Dr. John Goudie, Fair Director at (269)-337-0026.

## Sizzlin' Summer Science 2010 Update

Brochures for KAMSC Sizzlin' Summer Science '10 will be available in March through the schools, or, if you're not already on the mailing list, families can get one sooner by e-mailing their postal address to [SFISHER@KAMSC.K12.MI.US](mailto:SFISHER@KAMSC.K12.MI.US)

## Looking for an excellent investment?

### Help a student develop a math/science interest!!!

KAMSC's Sizzlin' Summer Science and Math Program is looking for businesses, organizations or individuals to help make our classes available to kids who can't afford to pay. Financial assistance is given to students who meet school lunch need criteria, and can be supported in increments of \$25 or by specifying a seat in a specific class.

If you or your organization would like to help out, please contact Susan Fisher at 337-0031 or email her at [SFISHER@KAMSC.K12.MI.US](mailto:SFISHER@KAMSC.K12.MI.US)

**THANK YOU!!!**



## Student Senate Activities

The KAMSC Student Senate would like to thank all the wonderful parent chaperones who helped out at the Class Clash in the fall. The Class Clash is a great event that gives students from all grades the chance to meet and spend time with each other, and it also helps students bond with their classmates as they work together to compete against the other classes.

The Student Senate would also like to thank everyone who donated to the annual holiday food drive this past winter, as well as the staff for being so supportive and helping to make this event possible. In the end, KAMSC donated over 600 pounds of nonperishable food items to Loaves & Fishes!

The annual KAMSC Semi-Formal dance took place on Saturday, February 20, 2010 from 8 to 11 PM at the gym on the 2<sup>nd</sup> floor. The theme of the dance this year was Harry Potter. A great time was had by all.

## KAMSC Public Calendar

KAMSC now has a calendar you can check for upcoming events and days we are not in session. Go to the KAMSC website, at the bottom of the page click on 'Links' and then choose KAMSC Public Calendar.

**KEEPING  
KAMSC  
FAMILIES  
INFORMED**

PHONE:  
269-337-0004

FAX:  
269-337-0049

WEB ADDRESS  
WWW.  
KAMSCONLINE.COM

## Qualifiers for Part II of the 51st Annual MMPC

Congratulations to the following KAMSC students who qualified to participate in Part II of the 51st Annual Michigan Mathematics Prize Competition.

Melinda Alberty	Phoebe Huberty	Alex Lim	Steven Vorbrich
Alan Alvarez	Tibin John	Jiangrui Lu	Lucas Waling
Chad Bilicke	Derek Krinock	Fatima Mirza	Matthew Weaver
Devin Dereski	Abhiram Krishnan	Dustin Rowland	Isabella Wu
Evan Fletcher	Cooper Kudary	Grady Sertic	Jing Xiao
Sidney Helmer	Katie Lee	Anthony Spalvieri-Kruse	

Part II took place at KAMSC in the Presentation Center from 8 to 10 AM., Wednesday, December 2, 2009.

## Technology Highlights

Congratulations are already in order for several students on KAMSC's 2009-10 computer teams. Among their accomplishments so far:

\* After 3 monthly rounds of internet competition **Ben Vander Sloot** leads fellow **Silver** Olympians **Dustin Rowland, Benjamin Wang, Jacob Texel, Syed Husain, Saurav Lohani, Lukas Kushner, Agne Sriubaite, Tibin John, CJ Hoorn** and **Isabella Wu** in the Computing Olympiad (USACO) Internet Elite Competition. **Stuart Wheaton** currently leads all **Bronze** Elite competitors where KAMSC has more than 20 participants including **Mallory Busso, Calvin Studebaker** and **Patrick Smith**, who have each accumulated over 1100 points so far. **Evan Fletcher** is KAMSC's only **Gold** Olympiad competitor this year.

\*Our American Computer Science League teams are off to a commanding lead after two monthly rounds. Kudos to the following students who received perfect individual scores so far:

\* Programmers: **CJ Hoorn, Kelsey Wiers, Benjamin Wang, Evan Fletcher, Lucas Kushner, Saurav Lohani, Kelin Michael, Agne Sriubaite, Ben Mehne, Caitlin Braun, Mallory Busso, Tibin John, Faiz Khaja, Derek Krinock, Jacob Lenning, Lauren McGlenn, Maddy Price, Alex Robinson, Dustin Rowland, Patrick Smith, Calvin Studebaker, Jacob Texel, Ben Vander Sloot** and **Stuart Wheaton**.

\* Classroom Team (results for 1<sup>st</sup> round only): **Olivia Cordes, Taryn Green, Kelin Michael, Regan Crowell, Maddy Davis, Mary Farner, Leah Peirce, Allie Pines, Kendall Gordon, Austin Podoll, Erin Brown, Colin Kreager, Sarah Manski, Will Sawyer** and **Allyson Williams**.

### Coming Events

\* U. of Michigan-Dearborn will host the 5<sup>th</sup> annual Engineering and Computer Science Experience for high school students where 24 KAMSC juniors and seniors will compete in separate programming and engineering contests. Saturday, **March 27, 2010**.

\* Saginaw Valley State University will host their annual ACM (Association of Computing Machinery) High School Programming Contest Friday, **April 16, 2010** (tentative date). This trip is usually open to any KAMSC student who would like to join our programming teams (as long as we have enough parent drivers).

\*The ACSL All-Star International Invitational will be hosted near Reading, Pennsylvania (Conrad Weiser HS, Robeson, PA) on Saturday, **May 29**. Eight KAMSC programmers will qualify this year. *Parent drivers needed.*



## School Closings

Severe weather often brings school closings and early dismissals.

**Full Day Closing.** If Kalamazoo Public Schools close due to bad weather, KAMSC will be closed. Full-day closing procedures start with an announcement at approximately 6 AM. on local broadcasting stations that list school districts which have been closed. The following stations broadcast Kalamazoo Public School closings:

### Radio Stations

WFAT	96.5	FM		
WKFR	103.3	FM		
WKMI			1360	AM
WKPR			1420	AM
WKZO			590	AM
WMUK	102.1	FM		
WNWN	98.5	FM	1560	AM
WQLR	106.5	FM		
WQSN			1470	AM
WQXC	100.9	FM	980	AM
WRKR	107.7	FM		

### Television Stations

WOOD-TV	Channel 8
WOTV-TV	Channel 41
WWMT-TV	Channel 3
WZZM-TV	Channel 13
TV	Channel 64

### KAMSC Lab Nights

If Wednesday night lab is canceled, an announcement will be made on the listed broadcasting stations as early as possible.

The following stations will be called by KAMSC –

**WWMT-TV Channel 3**  
**WKZO – 590 AM**  
**WQLR – 16.5 FM**

**Early School Closings.** If it becomes necessary to close school after the day has begun, KPS transportation will utilize a staggered dismissal schedule. The early school closing time for KAMSC is 1:05 p.m. An announcement will be made on the listed broadcasting stations if there is an early dismissal **and** if there is any exception to this preset time.

**Home Schools Early Closings.** The home school transportation department notifies KAMSC and estimates the time transportation will arrive at KAMSC to pick up their students. Calls from a source other than a school's transportation department will be verified before students are released.

## *KAMSC Sends Two Teams to JETS Competition*

Two teams from KAMSC participated in the Junior Engineering Technical Society TEAMS competition at Trine University in Angola, Indiana, on Tuesday, February 16, 2010. The Varsity A team successfully managed a tie for an on-site 2<sup>nd</sup> place standing, with both Varsity A and Varsity B teams scoring over 50 points on the first part of the competition. The scores will now be forwarded to the National JETS Center in Alexandria, Virginia, with state and national standings reported in early May.

### Varsity A

Matt Beck (Sr)  
 Gina Calco (Sr)  
 Megan Davis (Sr)  
 Evan Fletcher (Sr)  
 Andrew Hassevoort (Sr)  
 Alisha Kamboj (Sr; **Captain**)  
 Ben Mehne (Sr)  
 Isabella Wu (Sr)

### Varsity B

Melinda Alberty (Sr)  
 Abigail Ahlert (Jr)  
 Sidney Helmer (Sr; **Captain**)  
 Phoebe Huberty (Sr)  
 Dustin Rowland (Jr)  
 Grady Sertic (So)  
 Patrick Smith (Jr)  
 Calvin Studebaker (Jr)

Special thanks to Mrs. Fletcher and Mrs. Alberty for assisting in safely transporting the two teams to and from the deep, dark woods of northern Indiana.

## Attention Pi(e) Lovers

KAMSC's 3rd Annual Pi Day Celebration on March 13 from 12:00 – 2:00 pm was a great success. There were math activities for elementary age children and a pie auction. Pies are donated by local chefs and celebrities.

## 2010 Tentative Rolling Calendar – 2<sup>nd</sup> Semester

3/19	Fri	AM/PM	KAMSC/WMU Collaborative
3/19 – 20	Fri/Sat	7:00 p.m.	Science Fiction Film Festival
3/23	Tues	2:05 pm	Math League contest #6
3/15-17	Thurs	am/pm	Exams
3/19	Fri	am/pm	Annual KAMSC Regional ISEF Science Fair
3/19	Fri		<b>No Students–End of Marking Period</b>
3/23	Tues	5:30-8:30 pm	Parent/Teacher Conferences
3/24	Wed	11:30-2:30 pm	Parent/Teacher Conferences
			<b>KAMSC Students AM Only-NO PM NO OPEN LAB</b>
<b>3/25</b>	Thurs	7:30-10:30 am	Parent/Teacher Conferences <b>NO KAMSC Students</b>
3/26	Fri	AM/PM	<b>KAMSC CLOSED</b>
<b>3/29-4/2</b>	Mon-Fri		<b>SPRING BREAK – NO SCHOOL</b>
4/14	Wed	6-7:30 pm	OPEN LAB
4/22, 23	Tues – Thurs	pm	Physics students at WMU Accelerator
4/21	Wed	6-7:30 pm	OPEN LAB
4/28	Wed	6-7:30 pm	OPEN LAB
4/30	Fri	pm	Senior/Staff Luncheon <b>JUNIORS-NO SCHOOL</b>
5/4-6	Tues-Thurs	am	8 <sup>th</sup> Grade Visitation Week
5/5	Wed	6-7:30 pm	OPEN LAB
5/7	Fri		Searching for Health Conference
5/20	Thurs	3:00 – 6:30 pm 7:00 PM	Project Day Awards Ceremony
5/22	Sat		ACSL Invitational Team Contest
5/24	Mon-Wed	pm	Senior Exams
5/27	Thurs		Last Day for KAMSC Seniors
5/28	Fri	pm	Project K – Juniors only
5/31	Mon		<b>Memorial Day – SCHOOL CLOSED</b>
6/1	Tues	7:30 pm	<b>Recognition Ceremony</b>
<b>6/4</b>	<b>Fri</b>	<b>PM</b>	<b>Elective Exam</b>
<b>6/7</b>	<b>Mon</b>	<b>AM</b>	<b>Math Exam</b>
		<b>PM</b>	<b>Math Exam</b>
<b>6/8</b>	<b>Tues</b>	<b>AM</b>	<b>Science Exam</b>
		<b>PM</b>	<b>Science Exam</b>

### \* Parent Email List \*

If you would like to be added to the KAMSC Parent Email List, please have your student update their profile with accurate contact data for you – to include your correct email address. Please use that address to email your name and student name to [admin.@kamsc.k12.mi.us](mailto:admin.@kamsc.k12.mi.us).

### Bring in your Artwork!

All KAMSC students are cordially invited to submit their personal works of art for display in the halls of the Center. Any and all kinds of works are permitted, including photography, painting, pen-and-ink, collage and anything that demonstrates your creativity. We want your stuff hanging in our halls! For more information or to arrange a showing, please see Mr. Sinclair in the Physics Room (430) anytime.

## Center for Talent Development – Northwestern University

Center for Talent Development's 2010 Summer Programs for students in PreK through grade 12 are available at Northwestern University in Evanston, Illinois. Our Civic Leadership Institute for high school students, an innovative service-learning curriculum focused on civic engagement and contemporary social issues, is housed at the University of Illinois at Chicago. Our Leapfrog program, for students completing PreK through grade 3, is available in Glen Ellyn, Palatine and, new this year, in Skokie at Solomon Schechter Day School and in Chicago proper at The Frances Xavier Warde School. We expanded the all-day Leapfrog options- courses will now be offered in Skokie, Glen Ellyn and Palatine. Other notable changes in 2010 include two-week enrichment courses for both Apogee and Spectrum students. Our Summer Program students come from more than 40 countries and almost every one of the 50 U.S. states. In an effort to increase our diversity even further, we offer financial aid.

Last year more than 3,300 students participated in CTD's Summer Program. We would appreciate it greatly if you would share this information with young people who might be interested and hang this poster where students are most likely to see it.

If you have any questions or need additional information, please e-mail us directly at [summer@ctd.northwestern.edu](mailto:summer@ctd.northwestern.edu), call us at 847-491-3782, extension 2, or visit our web site at [www.ctd.northwestern.edu/summer](http://www.ctd.northwestern.edu/summer).

### IMPORTANT NEWS FOR PARENTS OF SENIORS!

Dear Parents of KAMSC Seniors,

There are several events still to come that are an important part of your child's senior year at KAMSC:

- A *Staff-Senior Luncheon* is planned for **Friday, April 30, 2010 from 12-2 p.m.** This will be an opportunity for seniors to socialize with KAMSC teachers who have made an impact on their lives. This event will be held at the Kalamazoo Country Club and is for students and faculty only.
- The final event for seniors and their families will be the *Senior Recognition/Graduation Ceremony* on **Tuesday, June 1, 2010 at 7:30 PM. in** Chenery Auditorium.

Please mark your calendars with these important dates.

If your student has not yet provided photos to Dr. Goudie, you need to encourage them to get these in NOW for the senior slide show:

1. A wallet-size 'SENIOR PHOTO' – senior picture, school photo or similar...
2. A favorite full-face 'YOUNG PICTURE' – ages 2-5 yrs preferred, and please...nothing too revealing!
3. A close-up, full-face 'YOUTH PHOTO' at age 9 or 10 yrs – a school photo from elementary school would be good for this...
4. An 'ACTION PHOTO' from the high school years – a picture with other KAMSC classmates is especially nice (e.g., KAMSC Senate, clubs, sports, music, dances, caving, JETS, computer or science fair competitions, parties), but any appropriate action shot is fine...

We want all students to be a part of the slide show and need your prompt attention to this request to make that happen. Dr. Goudie spends much time and energy creating this very special presentation. You will really enjoy it...it is a highlight of the Recognition Event!

Your senior has also been asked to create a one-page photo collage to be included in an electronic 'Memory Book' that students will receive the night of graduation. This can be of their own design, but should capture special photos, thoughts and memories of their time at KAMSC in an 8.5 x 11" vertical format. (Students can view examples in the KAMSC office...) These pages will need to be turned in to the KAMSC office or emailed directly to Mr. Sinclair by **NO LATER THAN MONDAY, MAY 3** in order to allow time for scanning and burning to DVD. This extended deadline will allow them to capture their final college choice and spring semester activities on the page.

Thanks to all of you who have already paid your Senior Activities Fee to make these and other senior year special events possible. If you have not yet paid, please do so as soon as you can. Parents were asked to contribute \$50 junior year and \$50 senior year toward these activities, for a total of \$100. This covers the cost of the Fall Mentor Tea, the Faculty Lunch, the Senior Recognition reception that follows graduation, a senior gift, and most importantly, the KAMSC Medallions that each senior receives at graduation.

We are extremely short on funds this year, as only 51 of 68 senior families have contributed thus far. If you are not certain whether or not you have paid these fees, please check with the Parents Organization Treasurer, Robin, at [b00tsy17@charter.net](mailto:b00tsy17@charter.net). We will also gladly accept additional donations. You can make your checks payable to:

KAMSC Senior Activities Committee  
c/o KAMSC  
600 West Vine Street, Suite 400  
Kalamazoo, MI 49008

**Thanks for your support!**