



# IB matters

May 2014

Douglas County High School  
2842 Front Street  
Castle Rock, Colorado 80104

Celebrating 15 Years of IB at DCHS

Volume 17 Issue 4

## IB End of Year Banquet April 29, 2014

### Great Time at the 7th Annual IB Banquet!

*On a very windy Tuesday evening, a little over 150 members of the IB community at DCHS celebrated the end of another successful school year on April 29<sup>th</sup>. This year the delicious buffet dinner was Italian catered by Castle Rock restaurant, Angie's. Another change to the buffet this year was that the desserts were provided by the DCHS Food Club.*

*Teachers and students were presented with funny awards with the night culminating as Dr. Fleet presented the IB Learner Profile awards.*

*For the third time, the IBPO awarded a \$500 college scholarship to the IB Outstanding Student of the Year, Louise Kuehster. Through fundraising efforts, the IBPO hopes to continue this annual award. The IBPO wishes everyone a safe and enjoyable summer.*

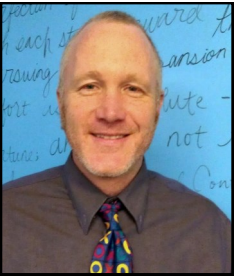
*(Sophomores—remember—it's CAS time! Check the IBPO web site for suggestions and your CAS guide.)*

### Senior Class Learner Profile Awards—2014

At the end of year banquet, eleven seniors were awarded the highly coveted IB Learner Profile awards. Students are nominated for the awards by IB teachers. Their names are engraved on the IB Learner Profile plaque and displayed in the permanent IB display case in the North building. Congratulations to these outstanding members of the Class of 2014!



L-R	
Communicator	Connor Hollenbach
Thinker	Caleb Inglis
Principled	Nicholas D'Ambrosio
Outstanding IB Student 2014	Louise Kuehster
Reflective	Jordan Courtney
Risk Taker	Angela DesVeaux
Balanced	Salome Philip
Knowledge	Benton Hutchinson
Open-Minded	Brigid McCreery*
Caring	Jenny Park*
Inquirer	Sheridan Silla*
*Not pictured	



# Coordinator's Corner

by Dr. Steve Fleet, DCHS IB Coordinator

## Enjoy The Summer

Enjoy the summer. Laugh at the humbugs (not rudely) who think that time away from regulated learning hinders education. Breathe the summer air, read in a hammock, count the varieties of bees in a flower garden.

Forget the Pythagorean theorem for days at a time and sit in the lengthening shadows of the afternoon. Leave your extended essay in the bowels of your computer and try new flavors of ice cream. Talk to a bluebird about the pronunciation of Aristophanes.

Take your mind into the night summer sky, beyond the stars, beyond the haze of galaxies, beyond the beginning of time. Reduce your sense of self to mere consciousness within the nucleus of a single atom and from confinement introduce yourself to the

infinite. Wade barefoot in cold mountain streams and sit (with sun-screen of course) beneath the ancient heat of the sun.

Ours is a life of cultivating the habits we need to survive in the world, of freeing ourselves from repeating the same mistakes in order to confidently activate our imaginations, of discovering contentment with our sense of self and of believing in our ability to generate optimism.

Make your summer about freedom and unfettered thought. Summer is one piece, in a complex educational puzzle, that we can be certain we got right.

## Looking for Parents to Serve on the IBPO Board

The IB Parent Organization is a group of dedicated parents of IB students at DCHS that organizes events and activities throughout the school year. This year, our board is looking for new parents to fill board vacancies. This is the best way to get involved in IB. You will not only get to know your own student better, but you will also get to know other IB students, dive into the mysterious curriculum flow charts and have fun meeting other IB parents. Our next meeting is mid-July. See the IBPO website for the date. If interested in serving on the board or just helping out, please contact Kristine Kolbus at [kristinekolbus@comcast.net](mailto:kristinekolbus@comcast.net).

### IB matters

HuskieIBPO.com

#### IB Coordinator

Dr. Steve Fleet (303) 387-1152 [Steven.Fleet@dcsdk12.org](mailto:Steven.Fleet@dcsdk12.org)

#### IB Administrative Assistant

Tracy Hagan (303) 387-1008 [tracy.hagan@dcsdk12.org](mailto:tracy.hagan@dcsdk12.org)

#### Newsletter Comments, Suggestions, Articles

Sandy Hamilton [newsletter@huskieibpo.com](mailto:newsletter@huskieibpo.com)

#### Huskie IBPO Board

[contactus@HuskieIBPO.com](mailto:contactus@HuskieIBPO.com)

President	Kristine Kolbus
Vice President	Shelly Roney
Secretary	
Treasurer	Debbie Schroeder
Volunteer Coord	Sue Becker
Hospitality Chair	
Fundraising	Mary Williams
Web site	Kristina Younker
At-Large	

## Destinations for 2014 Internal Assessments

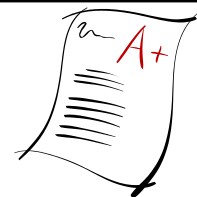


Biology	United States	Mathematics SL	Czech Republic
Biology Extended Essay	Indonesia	Mathematics Extended Essay	Germany
Chemistry	Argentina	Music Extended Essay	United States
Chemistry Extended Essay	United Kingdom	Philosophy	United Kingdom
Chinese B SL	Canada	Philosophy Extended Essay	Poland
Chinese B HL	China, Hong Kong	Physics	United Arab Emirates
Dance HL	Canada, United States	Psychology HL	United Kingdom
English A Literature HL	United Kingdom	Psychology SL	Australia
English A Extended Essay	United States	Psychology Extended Essay	United Kingdom
Film Extended Essay	Hong Kong	Spanish B SL	United States
French B SL	United Kingdom	Theatre HL Portfolio	Germany
History HL	United Kingdom	Theatre HL Practical Performance	China
History Extended Essay	United Kingdom	Theatre HL Perf. & Prod. Presentation	United States
Mandarin AB SL	China, Malaysia	Theatre Extended Essay	Thailand
Math Studies SL	Serbia	World Religion Extended Essay	United Kingdom
Mathematics HL	Brazil		

### DCHS Teachers Grade International IAs

Just as DCHS IB IAs are sent into the world for grading, one DCHS teacher has been selected to be on the receiving end for IB international student Internal Assessment (IAs) papers this spring.

Dr. Fleet will grade the international papers.



### First Annual IBPO Fundraiser Pancake Breakfast



Samantha Hardy and Tucker Middleton won gift certificates for selling the most tickets.

The first annual IBPO fundraiser pancake breakfast was held on Saturday, April 5th at Applebee's in Castle Rock. The breakfast included pancakes, sausage, orange juice and coffee.

The funds raised will help with costs associated with these events:  
2014 Extended Essay Workshop  
2014 End of the Year Banquet.

Thanks goes out to the IB students who sold tickets and the IBPO volunteers. A special thanks to Mary Williams for organizing the event and Tracy Hagan for printing the tickets.





# Spring IB Dance Performance “L’Elementaire”

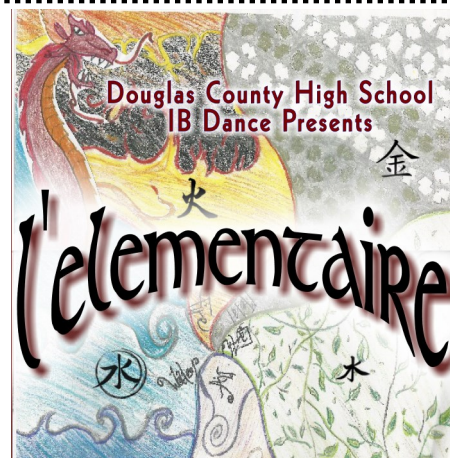
Once again, the IB dance performance, shown over two nights, March 19th and 20th, showcased a stunning array of talent and choreography. For the IB dance seniors, it was their last performance before leaving DCHS as they must perform solo dances as part of their final IB dance experience.

Dancers in the show do not need to be enrolled in IB. However, IB students who choose dance as a Standard or High level option must participate in the show.

## About the Performance, *L’Elementaire*:

In the tradition of the IB Dance Program the Junior class selects the theme for the next year’s concert and creates a script that serves as the basis for the choreography and overall focus of the concert. The elements were the chosen theme for the 2014 concert, aligning each of the five elements with a specific culture. Research into the cultures - the myths, dances, and traditions – of Africa (earth), East India (metal), Aztec (air), China (fire) and Native America (water) created the foundation for the program and hence the creative process witnessed in this concert.

To strengthen this process, the IB dance students explored cultural dance through workshops with master teachers and research projects, resulting in the works that comprised the 2014 dance concert. Guest artists - David Reuille, Abby Barnes, Ying Kong, and Namita Khanna Nariani - provided instruction via first hand experiences in various dance forms. These professionals inspired the dancers and choreographed short dances for them to perform. The senior IB dancers had the privilege of working one on one with these wonderful guest artists over several weeks having a solo choreographed just for them. The IB program is fortunate to have the support of THINK 360 Arts Denver that affords DCHS with these unique opportunities.



## Thank You

Thank you to all the teachers who were advisors for the IB Extended Essays Class of 2014.

- Ms. Benskey
- Mr. Bidinger
- Ms. Bush
- Ms. Clever
- Mr. Craven
- Ms. Fleet
- Dr. Fleet
- Ms. Gerios-Rohl
- Ms. Hemming
- Mr. Koppel
- Mr. Stebbins
- Mr. Umbach
- Mr. Vahle
- Mr. Wigdahl
- Ms. Yates

## IBO Mission Statement

*The International Baccalaureate Organization aims to develop inquiring, knowledgeable and caring young people who help to create a better and more peaceful world through intercultural understanding and respect.*

*To this end the IBO works with schools, governments and international organizations to develop challenging programmes of international education and rigorous assessment.*

*These programmes encourage students across the world to become active, compassionate and lifelong learners who understand that other people, with their differences, can also be right.*

## Do you “Like” Huskie IBPO on Facebook?

If you have a Facebook account, consider “liking” the Huskie IBPO. The page contains upcoming events, scholarship opportunities, advice and deadlines. The easiest way to join is by visiting the IBPO web site, [www.huskieibpo.com](http://www.huskieibpo.com), and clicking on the link on the home page.

## Extended Essay Titles — Class of 2014

- A Philosophical Analysis of Minority Rights Through an Analysis of Captain Kirk's Actions in *Star Trek III The Search for Spock*
- The Role of John Galt in Ayn Rand's *Atlas Shrugged*
- How do Different Types of Diction Express Darwinism in *The War of the Worlds* by H.G. Wells and *Starship Troopers* by Robert A. Heinlein?
- Will the Incomplete Administration of Antibiotics Penicillin and Neomycin Promote Resistances in Bacteria *Escherichia Coli* and *Staphylococcus Epidermidis*?
- Which Feedstock, Soybean Oil or Rapeseed Oil, Produces the Highest Percent Yield of Biodiesel Synthesized?
- The Role of Genetic and Environmental Factor in the Development of Obsessive Compulsive Disorder
- To What Extent does the Reaction Rate of Fermentation by Yeast Differ Between Sugars?
- The Impact of the Ideas Taught at Bauhaus on German Industry
- To What Extent did World War II have an Impact on Dr. Seuss and his Career?
- The Origin of Evil Within Oliver Stone's *Natural Born Killers*
- A Tree Grows in Brooklyn*: An Exploration of the Symbolism of Hope and Loss of Innocence.
- How Antonio Stradivarius Influenced the Creation of the Modern Violin
- The Effect of Art Therapy on Breast Cancer Patients
- What is the Difference in Starch Concentration in Differing Brand Name Dog Foods Compared to All Natural Meals; and do These Natural Diet Therapy Food Contain Lower Amount of Starch, Which Would Create Easier Digestion for Dogs, than the Brand Name Dog Foods?
- To What Extent did Regulation Aimed to Control the Effects of Silicosis Impact the Operation of the Mining Industry in the United States During the 20th Century?
- To What Extent did Ancient Egyptian Religion Influence the Development and Understanding of Ailments and Medicinal Treatments from 2700 B.C. to 1350 B.C?
- The Development and Pursuit of the Ideal Human in Ayn Rand's *The Fountainhead* and Orson Scott's *Ender's Game*
- A Comparison Between the Concentration of Sulfur Within Coal from New Horizon Mine in Nucla, Colorado USA
- To What Extent do William Golding and J.D. Salinger Investigate the Pathology of Evil in Human Nature in their Respective Novels *Lord of the Flies* and *The Catcher in the Rye*?
- How did the Hijab Act as a Tool for Religious, Political, and Social Statement Throughout the Iranian Revolution?
- How do Both *The Giver* by Lois Lowry and *Brave New World* by Aldous Huxley use Symbolism and Metaphors to Show the Effect on Characters due to Societal Structures, Family Structures, Along with Job Distinction?
- The Effect of Western Media on Eating Disorders
- To What Extent do Anxiety and Motivation Affect Athletic Performance?
- To What Extent does Genetic Factors Contribute to the Etiology of Parasomnia
- Effects of Casein on the Tensile Strength of Starch-based Plastic
- Analysis of the Bach Cello Suites in Creating Period Authenticity in Performance
- The Effect of the Transition Law on the Politics of Israel in Regards to the Different Sect of Jews Between the Years 1980s-1990s
- How does Virginia Woolf Explore the Development of the Individual and Identify in her Novel *The Waves*?
- Why the Strategy the Russians Employed Throughout the Battle of Stalingrad had such a Large Effect on the Outcome of the Second World War and the Reasons their Strategy was so Effective
- Evolution of the Human Condition due to a Change in Technology
- To What Extent have the Beatles Affected the Youth Movements of America in the 1960's?
- How can Minesweeper be Solved on an Infinite Grid?
- Did Napoleon Bonaparte's Supremacy Over Europe Damage his 1812 Russian Campaign?
- What does Stanislavski Define as the Truth of Reality Through his Methods of Becoming a Character on Stage?
- To What Extent Did the Fall of Constantinople Impact the Byzantine Tradition?
- An Investigation into Mark Haddon's Treatment of Relationships Through the Symbol of Disorders, Motif of Logic Versus Imagination, and the Symbol of Machinery in *The Curious Incident of the Dog on the Night-time and A Spot of Bother*
- How does Art Help in the Recovery of Psychological Disorders such as Anorexia, Nervosa or Depression?
- The Most Effective Way to Define a Complex III Band Through Gel Electrophoresis
- The Effect of  $Zn(NO_3)_2$  on the Reaction Between ONPG (ortho-nitro-phenyl-B-galactose) and Lactase by Use of Spectrophotometry
- The Influence of Morality on the Decision in Shakespeare's *A Midsummer Night's Dream* and *Romeo and Juliet* Defining the Choice of Passion Over Reason
- Evaluate the Strengths and Limitations of Electroconvulsive Therapy in the Treatment of Schizophrenia
- What was the Impact of Antiseptic Medicine During 1867-1883 on the Medical World, and How has its Discovery Shaped the Future for Modern Medicine?
- To What Extent was Mussolini's Conquest of Ethiopia in 1935-6 a Consolidation of the Italian Empire?
- How did the 1980 Winter Olympics in Lake Placid, New York Affectively Change the Spirit of the Nation Through a Powerful Sense of Nationalism?

## DCHS IB Students "In the News"



The following IB students participated in the Douglas County High School Theatre production of "Shrek, the Musical".

**Anna Ahrens**, Junior  
**Celeste Arenas**, Sophomore  
**Elise Becker**, Junior  
**Kayla Eftang**, Junior  
**Emily Emerson**, Senior  
**Ian Fleddermann**, Sophomore  
**Alyssa Forman**, Junior  
**Jesseri Gauzon**, Junior  
**Samantha Hardy**, Junior  
**Ashley Hersey**, Senior  
**Kat Julseth**, Junior  
**Natalie Kary**, Junior  
**Collin Kolbus**, Sophomore  
**Wyatt Kuehster**, Sophomore  
**Mikaeli Lechuga**, Junior  
**Sam Lewis**, Sophomore  
**Eli Lockhart**, Junior  
**Tess Neel**, Junior  
**Michael Nowak**, Freshman  
**Susan Ossareh**, Junior  
**Jenny Pan**, Senior  
**Thaddeus Plecker**, Freshman  
**Jacob Reading**, Junior  
**Chris Reese**, Junior  
**Alaric Rohl**, Junior  
**Andrew Rudd**, Junior  
**James Zanre**, Junior

The following IB students participated in the student directed One Act Festival.

**Anne Ahrens**, Junior  
**Elise Becker**, Junior  
**Emily Emerson**, Senior  
**Catie Giraldes**, Junior  
**Jax Gonzales**, Junior  
**Samantha Hardy**, Junior  
**Kat Julseth**, Junior  
**Collin Kolbus**, Sophomore  
**Mikaeli Lechuga**, Junior  
**Eli Lockhart**, Junior  
**Tess Neel**, Junior  
**Jenny Pan**, Senior  
**Alaric Rohl**, Junior  
**Andrew Rudd**, Junior  
**Jadyn Rufe**, Junior  
**Zoe Suydam**, Freshman  
**James Zanre**, Junior

The following IB students are members of the DCBS Science Bowl Team which placed 2nd out of 48 teams.

**Nick D'Ambrosio**, Senior  
**Connor Hollenbach**, Senior  
**Benton Hutchinson**, Senior  
**Shawn Ong**, Senior

(Email from Lisa Gerios-Rohl, 3/3/2014)

The following IB students qualified for FCCLA Nationals.

**Elise Becker**, Junior  
**Jessica Laury**, Junior  
**Matthew Maddux Lehmann**, Sophomore  
**Adele Vaughan**, Junior

(Email from Peggy Masek, 4/6/2014)

The following IB students won awards at the 2014 DCSD High School Art Show.

**Morgan Bidwell**, Junior—3rd Place,  
Photography  
**Ryan Caskey**, Sophomore—Honorable  
Mention, Drawing  
**Jordan Courtney**, Senior—Honorable  
Mention, Drawing  
**Bryce DeShazer**, Senior—Honorable  
Mention, Computer Art and 1st Place,  
Multi-Media  
**Emily Elwell**, Sophomore—Honorable  
Mention, Drawing  
**Shriya Gandhi**, Senior—1st Place, Sculpture  
**Tamar Hedeshian**, Senior—Honorable  
Mention, Sculpture  
**Brigid McCreery**, Senior—Honorable  
Mention,  
Photography/Altered



(District Newslines, 4/16/2014)

The following IB students won awards at the FBLA State Leadership Conference.

**Topher Ahrens**, Junior—1st Place, Entrepreneurship Team  
**Sabrina Jain**, Senior—1st Place, Impromptu Speaking  
**Jessica Laury**, Junior—1st Place, Public Speaking II  
**Elizabeth Mahoney**, Sophomore—5th Place,  
Management Information Systems Team  
**Tucker Middleton**, Junior—3rd Place, Sports  
Management Team  
**Nitya Nunna**, Sophomore—5th Place, Management  
Information Systems Team  
**Shawn Ong**, Senior—1st Place, Database Applications and  
Design  
**Anmol Singh**, Sophomore—4th Place, Introduction to  
Parliamentary Procedures  
**Patrick Tan**, Junior—1st Place, Entrepreneurship Team  
**Paige Trexel**, Junior—4th Place, Business Calculations  
**Chase Youngman**, Junior—1st Place, Entrepreneurship Team  
**Bella Yu**, Senior—5th Place, Help Desk

(Email from Jeane Varone, 4/30/2014)

The following IB students completed the rigorous requirements to Letter in Art.

**Kashmiere Dotson**, Senior  
**Shriya Gandhi**, Senior  
**Tamar Hedeshian**, Senior  
**Brigid McCreery**, Senior

(Email from Cindy Ross, 5/1/2014)

# Did You Know . . . ?

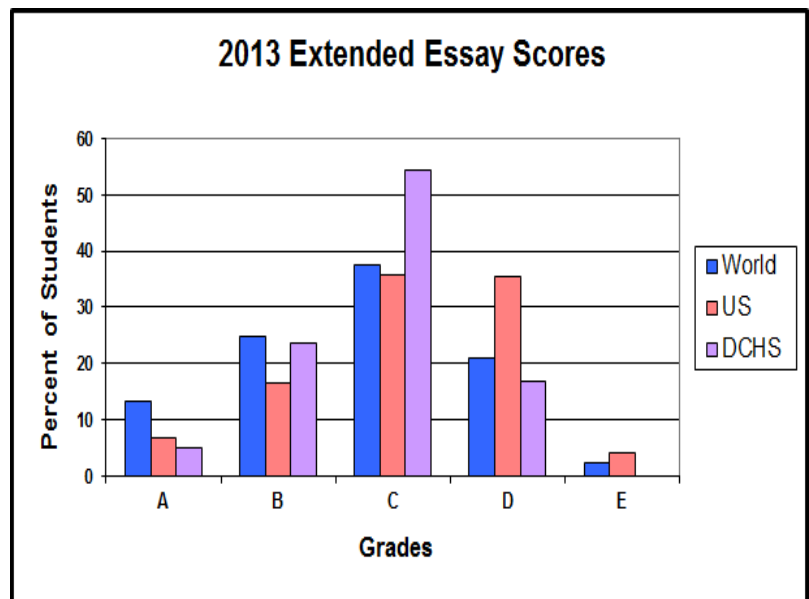
. . . the Top 11 states in the U.S. for IB Diploma pass rate for 2013?

	Diploma Pass Rate	% Exams Scoring 4 or above	No. of Diploma Candidates	No. of Diplomas Awarded	No. of Schools	Average Candidates Per School
New Mexico	89%	87%	125	111	3	42
Nebraska	88%	88%	56	49	2	28
Maine	88%	70%	16	14	2	8
New Jersey	86%	85%	378	324	10	38
Delaware	77%	75%	62	48	2	31
Washington	77%	75%	672	517	18	37
Kansas	77%	79%	166	127	5	33
District of Columbia	76%	74%	105	80	5	21
Florida	75%	80%	4756	3584	72	66
Utah	75%	76%	250	192	7	36
<b>Colorado</b>	<b>71%</b>	<b>76%</b>	<b>1180</b>	<b>839</b>	<b>31</b>	<b>38</b>

. . . the top U.S. colleges that were sent IB student transcripts/test scores (2013)?

1	University of Florida	1,283
2	New York University	693
3	Florida State University	640
4	University of Central Florida	581
5	University of California—Berkeley	543
6	University of Washington—Seattle	522
7	University of California—Los Angeles	485
8	University of South Florida—Tampa	478
9	University of Michigan—Ann Arbor	453
10	VA Polytechnic Institute & State Univ	418
11	Northeastern University	405
12	Boston University	401
<b>13</b>	<b>University of Colorado—Boulder</b>	<b>392</b>
14	University of Virginia—Charlottesville	391
15	George Mason University	375
16	University of Texas—Austin	373
17	University of Southern California	368
18	University of California—San Diego	352
19	Virginia Commonwealth University	335
20	University of Minnesota—Twin Cities	317
21	Michigan State University	315
22	Ohio State University—All Campuses	293
23	University of Miami	292
24	University of California—Davis	290
25	University of Maryland—College Park	284

. . . how DCHS students scored on the Extended Essay compared to the rest of the United States and the World?



Information source for all charts: *IBO*

# DCHS IB Calendar

## MAY

5-23 IB EXAMS  
21 Graduation practice 1pm  
Honors Convocation 6:30pm  
22 **GRADUATION 9AM**  
23 Finals Periods 1, 2, 3  
27 Finals Periods 4, 5, 6  
28 Finals Periods 7, 8 / Last day of school

## JUNE

2-5 **Extended Essay Workshop**—CU Denver  
Auraria Library

## AUGUST

14 Freshman Ice Cream Social—North Commons

## SEPTEMBER

16 IB Exam Registration available  
22 IB Junior Induction Ceremony—North Auditorium  
30 Extended Essay first draft due

## OCTOBER

10 IB Pre-DP Applications available  
23 IB Exam Registration and fees due  
28 8th Grade Information night—North Commons  
31 Extended Essay due

## NOVEMBER

13 8th Grade Information night—North Commons  
19 9th/10th Grade Curriculum night—North Commons

## DECEMBER

2 IB Pre-DP Applications due



Douglas County School District  
Douglas County High School  
International Baccalaureate  
2842 Front Street  
Castle Rock, CO 80104