



# IB matters

A World of Learning

May 2015

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

Volume 18 Issue 4

## IB End of Year Banquet April 28, 2015

### Great Time at the Annual IB Banquet!

On a beautiful spring evening over 200 DCHS IB students, parents, guests, teachers and staff celebrated the end of another successful academic year. This year's buffet was delicious barbeque catered by Famous Dave's BBQ. As was the case last year, the wonderful desserts were created by the DCHS Food Club.

Teachers were presented with funny awards and a raffle was held with prizes for the freshmen, sophomores and juniors. The night culminated with Dr. Fleet presenting the IB Learner Profile awards.

The IBPO awarded a \$500 college scholarship to Kyle Wolfe. Through fundraising efforts, the IBPO hopes to continue this annual award. The IBPO wishes the seniors success in their college careers.

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

### Senior Class Learner Profile Awards—2015

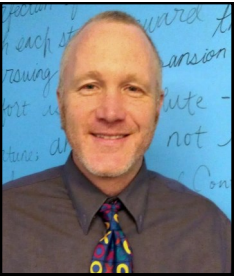
At the end of year banquet, eleven seniors were awarded the highly coveted IB Learner Profile awards. Students are nominated for the awards by IB teachers. Their names are engraved on the IB Learner Profile plaque and displayed in the permanent IB display case in the North building. Congratulations to these outstanding members of the Class of 2015!



L-R

Knowledgeable	Paige Trexel
Thinker	Lakshmi Senthilnathan
Communicator	Emily Li
Principled	Hannah Jorgensen
Open-Minded	Grace Messer
Caring	Jessica Laury
Risk-Taker	Chase Youngman
Balanced	Christopher Ahrens
Reflective	Kylie Brunette
Outstanding IB Student 2015	Samantha Hardy
Inquirer	Kyle Wolfe*

\*Not pictured



# Coordinator's Corner

by Dr. Steve Fleet, DCHS IB Coordinator

## Ode to Mitch Koppel

While we hope he will return for one more year, Douglas County High School is on the verge of losing one of its finest to retirement.

When I first arrived at DCHS, (over 20 years ago) I encountered a tall man, covered in chalk dust with his shirt untucked and an intense, curiously inspiring demeanor. A few years later I found myself teaching Theory of Knowledge with Mitch Koppel and discovered a teacher with a contagious passion for learning, for sharing and for experiencing the world.

Mitch is a teacher's teacher because his talent for inspiring students comes from his genuine interest in his subject and his sincere appreciation for his students. This is the excellence of teaching that

defies measurement; it is the excellence that infuses students with curiosity, enthusiasm, confidence and a renewed awareness that learning is fun.

Beyond the fascinating world of orbitals and bonding, Mitch connects all parts of life, he speaks enthusiastically and knowledgeably about all disciplines and he provides an intellectual model from which students can see that questions lead to questions and that the expansion of the mind depends upon a process that is life-long.

Mitch is a rare talent in our profession, a profession that is made better by his contributions and a profession that all of us can be proud to be part of as long as it includes teachers like Mitch Koppel.

## Looking for Parents to Help with IBPO Activities

The IB Parent Organization is a group of dedicated parents of IB students at DCHS that organizes events and activities throughout the school year. The IBPO is looking for parents to help out with various activities. 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. See the IBPO website for the date of our next meeting. If interested in 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	Lori Brander
Tech Admin	Ricardo Arenas
Treasurer	Debbie Schroeder
Web site	Eric Brander

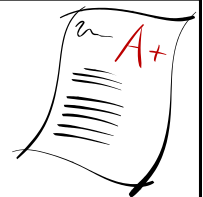
## Destinations for 2015 Internal Assessments



Biology	Canada	Philosophy	United Kingdom
Chemistry	United States	Physics	United Arab Emirates
Dance HL	United States	Psychology HL	United Kingdom
Env. and Soc. SL	India	Psychology SL	United States
History	United Kingdom	Theatre HL Portfolio	Japan
Math Studies SL	United States	Theatre HL Perf. & Prod. Presentation	
Mathematics HL	United Kingdom	United Arab Emirates	
Mathematics SL	United States		
Music SL	United Kingdom		

### DCHS Teachers Grade International IAs

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



Dr. Fleet graded the international papers.

### Do you like to travel? Join us in Paris/Florence/Rome!



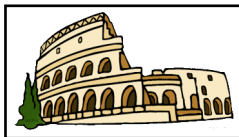
**When:** Spring Break, March 18-26, 2016

**Who:** Families, students, friends – anyone who wants to join!

**Trip Itinerary Link:** [www.eftours.com/#1682351BW](http://www.eftours.com/#1682351BW)  
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**For more information,**

contact the trip leader:  
Jill Goeken, Room 212N  
(e-mail: [jill.goeken@dcsdk12.org](mailto:jill.goeken@dcsdk12.org))



### Do you like to travel? Join us in Switzerland and Italy!



**When:** Spring Break, March 17-26, 2016

**Who:** Families, students, friends – anyone who wants to join!

**Trip Itinerary Link:** [http://www.eftours.com/tour-website/1589203BU?](http://www.eftours.com/tour-website/1589203BU?utm_source=link&utm_medium=RC&utm_campaign=sharetrip)  
[utm\\_source=link&utm\\_medium=RC&utm\\_campaign=sharetrip](http://www.eftours.com/tour-website/1589203BU?utm_source=link&utm_medium=RC&utm_campaign=sharetrip)  
\*\*\*\*\*

**For more information,**

contact the trip leader:  
Loni Smith  
(e-mail: [lwsmith@dcsdk12.org](mailto:lwsmith@dcsdk12.org))

## 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.

# Spring IB Dance Performance Exhibits of Inspiration

Once again, the IB dance performance, shown over two nights, March 12th and 13th, 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, *Exhibits of Inspiration*:

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 theme for 2015 was choreography inspired by art. This may come from a specific work of art, artist, art movement or architecture. During the fall, in preparation for their creative projects, the IB dancers toured the Denver Art Museum, the Clyfford Still Museum, and the Chihuly Exhibition at the Denver Botanical Gardens.

The concert choreography was the culmination of the creative work of all the IB dance students and was performed by DCHS students.

Additionally, several professional choreographers staged original

dances for the students, consisting of solos for the seniors and a group piece for the IB dance class. Guest artists included Claire Brunelli of the Hannah Kahn Dance Company, Kim Olsen, Artistic Director of Sweet Edge, and David Reuille, Artistic Director of APEX Dance Company. The IB dance program is very fortunate to have this caliber of guest artists in residence.



## Thank You

Thank you to all the teachers who were advisors for the IB Extended Essays Class of 2015.

Ms. Bensky  
Mr. Bidinger  
Ms. Bush  
Ms. Clever  
Mr. Craven  
Ms. Fleet  
Dr. Fleet  
Ms. Gerios-Rohl  
Ms. Hemming  
Ms. Hofmeister  
Mr. Koppel  
Mr. Schreiner  
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.*

# Extended Essay Titles — Class of 2015

- The Extent to Which Attraction and Beauty are Biological and Cultural
- An Investigation on the Cognitive, Physical and Social Effects of Early Childhood Spent in Neglectful Environments
- To What Extent Did Intelligence Have an Affect on Foreign Relations Between the US and Soviet Union?
- The Evaluation of the Efficiency and Practicality of Pest Control Methods for the *Phlebotomus papatasi*, with a Focus on Sterilization, Biological Control and Pesticides
- To What Extent are the Visual and Musical Aspects of the 2014 Boston Crusaders Drum Corps Show able to Portray the Themes and Motifs of Animal Farm by George Orwell?
- To What Extent is the Prevalence of Social Anxiety Disorder Attributed to the Environment in Eastern Culture?
- Debunking the Mystique of Piaget: An Analysis of the Source of Jean Piaget's Continued Notoriety as Compared to Lev Vygostky's Lingering Anonymity
- How do Napoleon Bonaparte's and Napoleon III's Roles in the Unification of Italy Compare?
- To What Extent Did the Medici and Borgia Families Influence the Visual Culture of Renaissance Italy?
- What is the Mathematics Behind Calculating the Range of an Aircraft?
- To What Extent Were the Beliefs/Ideals of the Second-Wave Feminist Movement that were Found in The Feminine Mystique by Betty Friedan Reflected in the Songs and Behaviors of Female Artists Joni Mitchell and Carole King?
- Gene Replication Effects: How Exposure of Short Wavelength Light on Modified Plasmids Affects Gene Replication in *Escherichia coli*
- Why Do Humans Sleep in Regards to Biological and Cognitive Health?
- The Fibonacci Sequence in the Practical World
- To What Extent Does Communist Ideals Influence Architecture?
- The Shift in German Foreign Policy in 1890 and its Impact on the Outbreak of World War I in Europe
- The Effect of Mixing Anthocyanins from Raspberries and Blueberries in a 1:1 Ratio by Mass on the Power Output of a Dye-Sensitized Solar Cell
- Impact of Narrative Tone and Characterization in H.G. Wells' *The Time Machine* and *The Invisible Man* on Reader Engagement and Communication of Theme
- The Corruption and Unethical Beliefs of Pharmaceutical Companies
- To What Extent Were Policies Implemented During the Great Leap Forward (1957-1962) in China Genuinely Dedicated to Bettering the Lives of the Agrarian Population?
- Battlefield Conduct's Influence on Military Technology Within the Roman Republic
- Environmental Factors Correlating with Disordered Eating
- To What Extent Does Betty Friedan's The Feminine Mystic Reflect the Change of Identity of the Workforce, Sexual Identity and Identity in Domestic Life of American Women from 1940's to 1963?
- An Exploration of Self Love and Selfishness in Kantian and Aristotelean Philosophy
- The Potato's Revolutionary Effects on Foreign Relations During Mid-Eighteenth and Nineteenth Century Ireland
- An Examination of the Versaille Treaty's Impacts on the German Economy and the Effect of Resulting Economic Policies in the Early Interwar Period
- How Do the Cultural and Cognitive Factors of Stress Increase the Abuse of Children?
- How Dance Movement Therapy (DMT) Affect People Differently with Learning Disabilities than People who Experience Traumatic Events
- To What Extent Did the Two Legislative Reforms, the Cruelty to Animals Act, 1876 and the (Scientific Procedures) Act of 1986, Effectively Provide Protection for Animals Used in the Laboratory in Great Britain?
- How Does the Al-Assad Regime's Possible Use of Sarin on August 21, 2013 in the Current Syrian Crisis Reflect Humanity or Inhumanity by the Government as a Whole Based Upon the *Universal Declaration of Human Rights* (1948), the *International Covenant on Civil and Political Rights* (1976), and Thomas Hobbes's Social Theory?
- How Does Shakespeare Reflect His Family's Personal Legal Battle in His Works?
- What are the Harmful Effects of Food Additives on Living Organisms and can the Benefits of those Food Additives on the Organisms and the Economy Outweigh those Harmful Effects?
- How Does Deconstruction Implicate the Attainment of a Universal Signified within the Bible?
- The Impacts of Philosophers on the U.S.A.
- The Evolution of the Weather Underground from Peaceful to Violent
- The Effectiveness of Varying Institutions on the Restoration of Faith in the Fan Base After a Scandal in Baseball
- How is Bayes Theorem Applied in the Modern Day?
- An Examination of the Factors which Foster Deviate Behavior
- How Shakespeare and Okizaki Rely on Cultural Backgrounds, Values and Knowledge to Show that Adversity is Required for Love to be Real?
- The Media's Impact on the 2nd Wave Feminist Movement: To What Extent Did the News Media Impact the Development and Success of the Feminist Movement from 1960-1990?
- How Different Agars Effect E. Coli Growth?
- The Security of the RSA Cryptosystem Extended Essay—Mathematics
- The Role of the Native American Genocide in Shaping Modern Genocidal Concepts
- The Influence of World War I on Art and Artists in Germany, Italy, and France
- What are the Literary Implications of Repetition, Tone Shift, Figurative Language, and Capitalization in the New King James Version of *Psalms 22*?
- How Sexual Prejudice Limited the All-American Girls Professional Baseball League and How those Limitations Affects the Fight for Women's Equality in Sports
- To What Extent does John Hughes' The Breakfast Club Embody The Hero's Adventure Presented by Joseph Campbell?
- The Evolution of Horror Films Evolving from the Societal Considerations of Fear
- The Effect of the AIDS Epidemic on the Visibility of the LGBT Community
- To What Extent do the Audial and Visual Semantics in *Her* Establish the Voids of the Two Main Characters, Samantha and Theodore?
- How is Connotation Changed Through Translation?
- Examination of Dance Movement Therapy for Patients with Dementia and Parkinson's Disease
- To What Extent Should BT Corn and Herbicide Resistant Crops be used with Regards to their Ecological Footprints?
- Motivation and its Impact on Student Athletes On and Off the Field
- Evidence of Cross-Culturalism in Brave New World by Aldous Huxley and 1Q84 by Haruki Murakami
- How Do SSRIs Compare and Contrast to Alternative Methods in Adolescents in Regard to Depression?

## DCHS IB Students "In the News"

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

**Celeste Arenas**, Junior  
**Elise Becker**, Senior  
**Kayla Eftang**, Senior  
**Emma Fleddermann**, Senior  
**Alyssa Forman**, Senior  
**Nicole Hamilton**, Senior  
**Sam Hardy**, Senior  
**Tiffany Huang**, Senior  
**Morgan Hutson**, Freshman  
**Natalie Kary**, Senior  
**Megan King**, Junior  
**Colin Kolbus**, Junior  
**Aubrey Kroger**, Junior  
**Wyatt Kuehster**, Junior  
**Mikaeli Lechuga**, Senior  
**Alex Martin**, Junior  
**Garrett Murphy**, Sophomore  
**Tess Neel**, Senior  
**Susan Ossareh**, Senior  
**Susan Payne**, Junior  
**Gabe Quintana**, Freshman  
**Andrew Rudd**, Senior  
**Kriti Saxena**, Senior  
**Nick Scudder**, Senior  
**Tom Shaw**, Senior  
**Sophie Smrcka**, Freshman  
**Brandon Spreng**, Junior  
**Josh Stever**, Freshman  
**James Zanre**, Senior

The following IB students participated in the Colorado State Honor Band on February 26 and 27.

**Jon Hanlon**, Senior  
**Wyatt Kuehster**, Junior  
**Jacob Reading**, Senior

(Email from Nick Bidinger, 2/25/2015)

**Note: The classes of these students are their classes in May 2015.**

The following IB students participated in the Douglas County High School Theatre production of "Our Town".

**Anna Ahrens**, Junior  
**Elise Becker**, Senior  
**Kayla Eftang**, Senior  
**Kat Julseth**, Junior  
**Colin Kolbus**, Junior  
**Mikaeli Lechuga**, Senior  
**Garrett Murphy**, Sophomore  
**Tess Neel**, Senior  
**Andrew Rudd**, Junior  
**Sophie Smrcka**, Freshman  
**Zoe Suydam**, Sophomore  
**James Zanre**, Senior

The following IB students participated in the Douglas County High School student directed "One Acts".

**Topher Ahrens**, Senior  
**Elise Becker**, Senior  
**Darcy Brander**, Freshman  
**Kaitlyn Goligoski**, Junior  
**Colin Kolbus**, Junior  
**Mikaeli Lechuga**, Senior  
**Nicole Hamilton**, Senior  
**Sam Hardy**, Senior  
**Alexis Martin**, Junior  
**Tess Neel**, Senior  
**Kayla Ruwet**, Freshman  
**Josh Stever**, Freshman  
**Colin Kolbus**, Junior  
**Mikaeli Lechuga**, Senior  
**Zoe Suydam**, Sophomore  
**Chase Youngman**, Senior  
**James Zanre**, Senior

Senior, **Jessica Laury** represented Douglas County School District in two big speech and debate competitions this summer, including 2015 US World Schools Debate Invitational. Jessica was one of 10 students to be chosen to represent Colorado at the Invitational.

(District Newline, 5/14/2015)

"Normality is a paved road.  
It's comfortable to walk,  
But no flowers grow on it"

---*Vincent Van Gogh*

"I think everybody's weird.  
We should all celebrate our  
individuality and not be embarrassed  
or ashamed of it."

---*Johnny Depp*

# Did You Know . . . ?

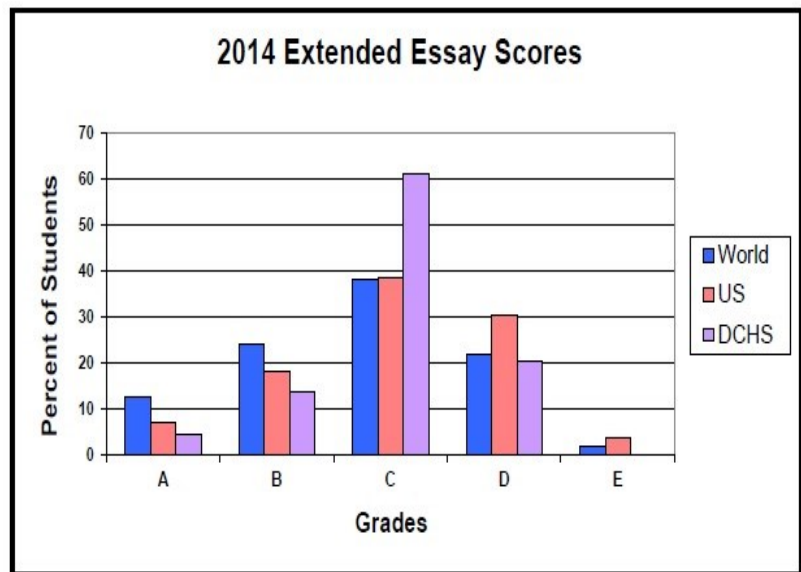
## . . . the Top 10 states in the U.S. for IB Diploma pass rate for 2014?

	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%	88%	122	108	3	41
Montana	83%	87%	29	24	2	15
New Jersey	81%	85%	324	263	11	29
Kansas	81%	80%	170	137	7	24
Kentucky	78%	78%	83	65	4	21
Oregon	78%	77%	530	413	18	29
Utah	78%	79%	269	209	7	38
Washington	77%	77%	805	622	18	45
Florida	76%	82%	4976	3790	76	65
Maine	75%	69%	24	18	3	8

## . . . the top U.S. colleges that were sent IB student transcripts/test scores (2014)?

1	University of Florida	1,223
2	University of Central Florida	785
3	New York University	700
4	University of California—Berkeley	600
5	University of Washington—Seattle	582
6	University of California—Los Angeles	568
7	Florida State University	566
8	University of South Florida—Tampa	551
9	Northeastern University	527
10	VA Polytechnic Institute & State Univ	499
11	University of Texas—Austin	495
12	University of Virginia	493
<b>13</b>	<b>University of Colorado—Boulder</b>	<b>464</b>
14	University of Michigan—Ann Arbor	463
15	Boston University	433
16	Virginia Commonwealth University	429
17	George Mason University	422
18	University of Southern California	419
19	University of Wisconsin—Madison	383
20	University of California—San Diego	377
21	University of California—Davis	371
22	Ohio State University—All Campuses	364
23	University of Minnesota—Twin Cities	363
24	Arizona State University	349
25	University of NC—Chapel Hill	343

## . . . 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

## SEPTEMBER

- 16 IB Junior Induction Ceremony (5:30pm, North Auditorium)
- 18 End of 1st 6-week grading period
- 30 Extended Essay first draft due

## OCTOBER

- 6 Choir Concert (6:30pm)
- 8 Band/Orchestra Concert (6:30pm)
- 9 **NO SCHOOL** (Professional Development day)
- 12-16 **FALL BREAK**
- 22-23 DC Live (7:00pm)
- 23 IB Exam Registration and fees due
- 31 Extended Essay due

## NOVEMBER

- 4 **NO SCHOOL** (Election Day)
- 5-7 Theater Production (7:00pm)
- 6 End of 2nd 6-week grading period
- 18 9th/10th Grade Curriculum night (5:30pm DCHS North Commons)
- 25-29 **THANKSGIVING BREAK**



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