

2017

Byram Hills Central School District



*Special
Recognition*



April 2017

Dear Byram Hills Parents and Community Members,

During the period from 1997 through 2010, the Byram Hills schools experienced extraordinary enrollment growth. Our enrollment increased from 2,180 students to 2,794 students - an increase of almost 30%. This growth created the need and opportunity to provide new and timely programs designed to ensure the highest quality of education for our students. These programs were central to our goal of moving from Good to Great as espoused by noted business author Tom Collins, whose work has been our guide throughout the process.

Evidence of our accountability and success is presented in the document "*Special Recognition*" which is available on our website or from the District Office. This document provides data that we use to track our progress on everything from college admissions results to athletic records.

I hope you find this information informative and inspiring!

Sincerely,

A handwritten signature in black ink, appearing to read "William M. Donohue".

William M. Donohue, Ed.D.



Byram Hills Central School District Special RECOGNITION

Creating Leaders of the Next Generation

Inside This Publication:

Superior College Admissions

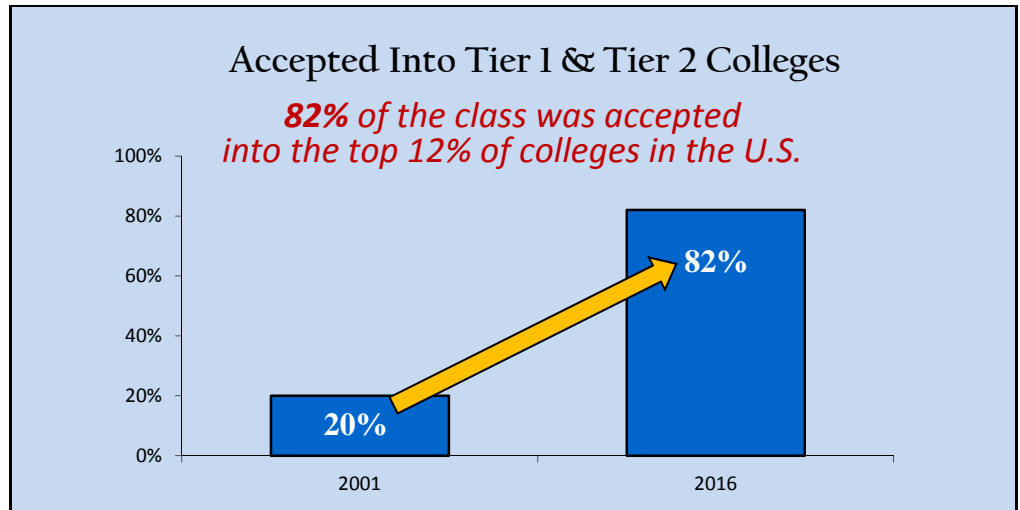
District Recognition

Student Recognition

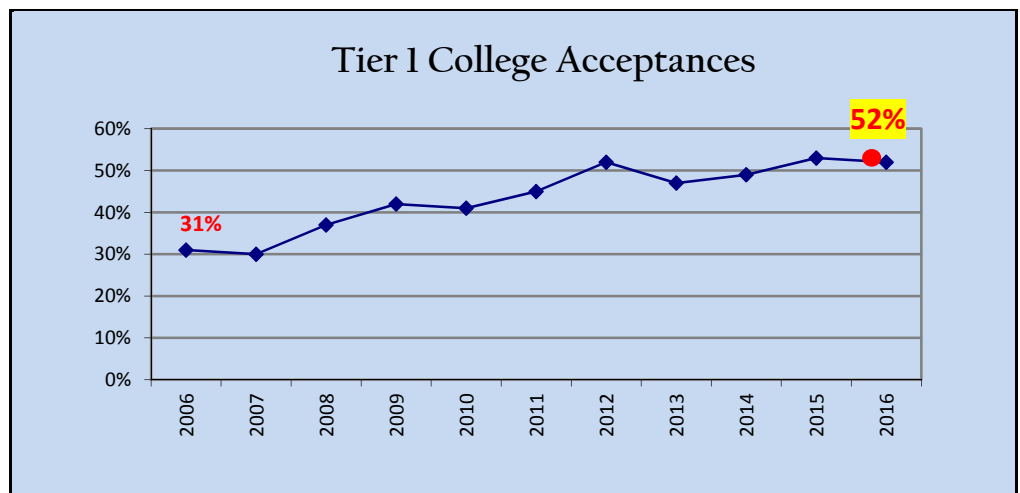
Teacher Recognition

Administrator Recognition

SUPERIOR COLLEGE ADMISSIONS



Tier I (Most Competitive) and Tier 2 (Highly Competitive) are part of Barron's 6 levels of college rankings based upon competitiveness.



Attended Tier 1 & Tier 2 Colleges

2001 → 45%
2016 → 70%

DISTRICT RECOGNITION

TOP RANKED HIGH SCHOOL

Byram Hills High School has ranked in the top 100 of public schools in the U.S. by Newsweek and Forbes magazines. Identified as a district that provides "value added" by Standard & Poor's.

REGENERON SCIENCE TALENT SEARCH

The Byram Hills Authentic Science Research program was named one of the TOP FIVE authentic science research programs in the world by Intel.

The Regeneron Science Talent Search is the most prestigious science research competition for high school seniors. The competition provides a national stage for America's best and brightest young scientists to present original research to nationally recognized professional scientists.

NATIONALLY RECOGNIZED MIDDLE SCHOOL

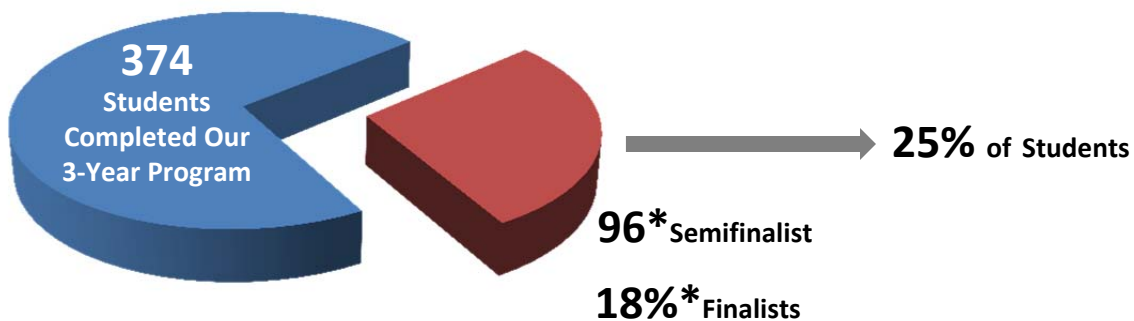
H.C. Crittenden Middle School was presented with the Blue Ribbon Award in 2006 in recognition of HCC's exceptional programs and performance!

▲ The Blue Ribbon Schools Program honors public and private schools that are either academically superior or that demonstrate dramatic gains in student achievement to high levels.

▲ H.C. Crittenden received **First Place** and **Superior** Citation awards in 2005 for the student literary magazine, Harold's Pen. This magazine was also recognized by the National Council of Teachers of English.

Regeneron Science Talent Search

Results from 1991 - 2016



Excellent Test Data

Byram Hills students have consistently excelled on state assessments! Examples from 2016 include:

- ◆ Ranked #1 in Grade 6 English Language Arts in New York State.
- ◆ Ranked #2 in math 7 and #3 in math 6 in New York State.
- ◆ Consistently ranked within the top 5% of districts on all regents exams.

Environmental Recognition

*The Wampus School and H.C. Crittenden Middle School were given the **Raising Recycling Awareness award for Westchester County Schools** by the Department of Environmental Facilities of Westchester County.*

Excellent Music Achievement

Byram Hills students consistently achieve top honors in state and regional performance competitions.

Students were selected from the top percentage in the state/region based upon performance criteria.
Student participation from 2001-2013:

- ◆ New York State School Music Association
 - ✓ All-State Conference, grades 10-12: **47 students**
 - ✓ Area All-State Festival, grades 10-12: **162 students**
 - ✓ All-County High School Jazz Festival, grades 10-12: **9 students**
- ◆ Westchester County Student Music Association
 - ✓ All-County Intermediate Festival, grades 7-9: **194 students**
 - ✓ All-County Elementary Festival, grades 5-6: **88 students**

NYS REWARD SCHOOL

Byram Hills has received Reward School status from NYS Education Department for having schools with high achievement. To receive this recognition, schools must be in the top 20% in the state for ELA and mathematics achievement for two consecutive years, show growth from year to year, and have no significant gaps in student achievement between subgroups.

✓ 2015-2016

Wampus Elementary and H.C. Crittenden Middle School

✓ 2014-2015

H.C. Crittenden Middle School

✓ 2013-2014

H.C. Crittenden Middle School



OUTSTANDING ATHLETIC PROGRAM

Educational Goals of the Byram Hills Interscholastic Athletic Program

COMPETENCE

A student athlete in a quality program is competent in terms of:

- ✓ Skill development
- ✓ Knowledge of the game/strategies
- ✓ Fitness/conditioning/healthy behavior

CHARACTER

A student athlete in a quality program demonstrates:

- ✓ Responsibility
- ✓ Accountability
- ✓ Dedication
- ✓ Trustworthiness/Fair Play
- ✓ Self-Control

CIVILITY

A student athlete in a quality program demonstrates civility toward others showing:

- ✓ Respect
- ✓ Fairness
- ✓ Caring

CITIZENSHIP

A student athlete in a quality program demonstrates citizenship through actions showing evidence of:

- ✓ Loyalty/Commitment
- ✓ Teamwork
- ✓ Role Modeling

SOCCER

BOYS

State Champions 2007
State Semi Finals 2014, 2009
Regional Champions 2014
Sectional Champions 2014
League Champions 2016, 2015, 2013, 2010, 2009
League MVP 2016
Paly-Off All Tournament Team 2016
Journal News First Team Athlete 2016
NSCAA Senior Athlete of the Week 2016
Section I Player of the Year 2016
Westchester/Putnam Player of Year 2016

GIRLS

Sectional Finals 2014
League Champions 2015, 2014
The Elite 12 (2) 2015
Journal News First Team All Stars 2015, 2014
MSG Varsity First Team All Stars 2015

FOOTBALL

Bowl Champions 2014
Class A Lineman of the Year 2014
Golden Dozen Scholar Athlete 2016, 2014
Single Season Passing Record 2015

HOCKEY

Howard Kosel Team Sportsmanship Award 2002
Girls Field Hockey: Highest GPA in NYS 2003

BASKETBALL

BOYS

League Champions 2015, 2014, 2013
Sectional Champions 2016
Regional Champions 2016, 2011
State Final Four, 2011
Section I Class A Champions, 2011

GIRLS

1 League Champions 2010, 2012

BASEBALL

League Champions 2015, 2014
Sectional Champions 2015
Regional Champions 2015
State Champions 2015
Sectional Semi-Finalists 2014
Sectional Quarter-Finalist 2016
Diamond 9 Athlete
Maxpreps All-American 2015
New York State Player of the Year 2015
Tri-State Player of the Year 2015
Conference II League D Comeback Player of the Year 2016

TRACK
RECORD BREAKERS
WINTER T&F

Section 1 League Champions 2010
Nationally Ranked 2006
55m Hurdles 2015
Long Jump 2015
Shot Put 2015
SPRING
Pole Vault 2015
100mDash 2016
1500/1600 m Run 2016
3000/3200 m Run 2016
Steeplechase 2016
Javelin 2016
4X100 Meter Rally 2016
4X400 Meter Rally 2016
Girls Section Champions 2016, 2015
Cross Country League Champions 2011

SWIM
BOYS

Section 1 Diving Champs 2011
100 Freestyle 2014
100 Breaststroke 2014
400 Freestyle 2014
100 Backstroke 2015
200M 2015

GIRLS

NYS Championship Participant 2016, 2015, 2014
Divisional Swim Champions 2008
200 Freestyle 2014
200M 2014
50 Freestyle 2014
100 Butterfly 2014
500 Freestyle 2015
100 Breaststroke

All-American Team Swimmer Qualified 2013, 2009

VOLLEYBALL
BOYS

League Champions 2014

GIRLS

League Champions 2014 2013, 2009

TENNIS
BOYS

League Champions 2014
Sectional Champions 2014
Section I Conference Champions 2010, 2009
Division I Champions 2014, 2009

GIRLS

League Champions 2014

LACROSSE

Class B Runners Up 2014
League Champions 2014

CHEERLEADING

Section 1, Conf. 3 Champions 2011

OUTSTANDING ATHLETIC PROGRAM

CON EDISON WESTCHESTER SCHOLASTIC SPORTS AWARD

Scholar Athlete Winners

2016-2017 (1)

2015-2016 (2)

2014-2015 (1)

- All League Athletes 193
- All Section Athletes 48
- All County Athletes 3
- All Conference Athletes 5
 - All Region Athletes 2
 - All State Athletes 7
- Academic All American Athlete 1

- Scholar Athlete Teams 14
 - Coach of the Year 4
- 2016 NYSPHSSA Award for Exemplary Sportsmanship Programs
- NYS Scholar Athletics Awards (24 Teams Annually)

STUDENT RECOGNITION

2006 Presidential Scholar Award

The Presidential Scholar Program recognizes and honors some of our nation's most distinguished graduating high school seniors. Nationally, up to 141 students are named as Presidential Scholars each year, one of the nation's highest honors for high school students.

Academic Challenge Recognition

National Academic Champion in 2006

National Semifinalist in 2005 & 2009

"The Challenge" on Channel 12:

- ✓ Westchester/Hudson Valley Finalist in 2008
- ✓ Westchester/Hudson Valley Semi-Finalist in 2009
- ✓ 1st Place, OMAR Q BECKINS quiz bowl tournament, 2010

BHHS Mock Trial

The Byram Hills High School Mock Trial team was a finalist 5 times since 1992 in the Westchester County Bar Association Tournament.

The Mock Trial Team has qualified for the elimination rounds in every year but twice in the last 25 years.

- ✓ 1st place – 1992 & 1993
- ✓ 2nd place – 1995, 2003 & 2008
- ✓ Semi-finalists – 1998, 2004, 2006, 2013 & 2014

BHHS Debate Team

The Byram Hills High School Debate Team ranked 1st place three times in the Rockland County Forensic League: 2002, 2005 & 2006! In 2012, the team has doubled in size, and we compete in four tournaments. Our students have received numerous awards, and 2011-12 saw four freshman place in the top 5 speakers.

Harvard Model Congress

Led by Harvard graduate students, over 1,500 high school students participate in this dynamic simulation of American Government. In 2011-2012, 32 Byram Hills students participated, the largest delegation ever from one school. In 2010-11, two students received 2nd place awards within their respective committee. Byram Hills High School has sent a delegation to Harvard Model Congress for at least twenty consecutive years.

National Neuroscience Award

Brett Roston, graduating class of 2014, is one of four students nationwide to win the prestigious Neuroscience Research Prize awarded by the American Academy of Neurology and Child Neurology Society for his research with Alzheimer's disease. Brett conducted his research in Byram Hill's Authentic Science Research program.

PHOTO

Science Olympiad

2015

BHHS: Team A finished 2nd Place in the Lower Hudson Valley Regional (receiving medals in 13 of 19 events). Team B finished in 12th Place (receiving medals in 7 of 19 events.) Highest finishing team for the Lower Hudson Valley at the State Competition

2014

BHHS: Team A finished 5th Place (receiving medals in 9 of 19 events); Team B finished in 12th place (receiving medals in 3 of 19 events). Highest finishing team for the Lower Hudson Valley at the State Competition

2013

BHHS: Team A received medals in 4 of 19 events; Team B received medals in 4 of 19 events

2012

BHHS: 7th Place overall at the Lower Hudson Valley Regional. Received medals in 4 of 19 events

2011

BHHS: Received 3 gold and 2 bronze medals at state competition

2010

BHHS: Received 1 gold, 3 silver and 2 bronze medals at state competition

2009

BHHS: First time in the 25-year history of the lower Hudson Valley Science Olympiad that a first year team finished in the top three! Received 2 gold and 1 silver medal. Won the Best New School award at state competition at West Point

2006

HCC Middle School
Excellent performance on the regional Science Olympiad Competitions:
Second Place

2004 & 2005

HCC Middle School
Excellent performance on the regional Science Olympiad Competitions:
First Place

STUDENT RECOGNITION

(CONTINUED)

New York State Mathematics League

36 students qualified for state competition over the past 5 years.

High School Students qualify for state-wide competition based upon performance in the Westchester Math League on a series of competitive math challenges.

National Geography Bee Champion

State Champion 2000 & 2002

World Languages

Board of Distinction on the National French Exam. Over 100,000 students take the National French exams. Each Byram Hills student place in the top 10 in Westchester County. In 2009 and 2011, students received 1st place in Westchester and 2nd place nationally.

On the 2012 National French Language Exam, Le Grand Concours, one eighth grade student ranked first place nationally. In 2013, 1 student ranked second place with 11 students ranking in the top 10.

On the 2013 Spanish National Exam, 3 students received Gold Placement; 5 students earned Silver placement; 10 students earned Bronze placement; and 8 students received Honorable mention.

In 2012, two Italian students were recognized by Westchester County as outstanding students of Italian by County Executive Rob Astorino, District Attorney Janet DiFiore, and Francis Nicolai, Justice of the Putnam County Supreme Court.

STUDENT RECOGNITION

(CONTINUED)

Student Publications

Based upon their work in the Authentic Science Research program, many students have published articles in professional journals. Below are some samples of publications from our students.

2016 Okun, Jared

Okun, Jared (April, 2016). Evaluating the improvements of StarCraft gameplay in the ABL agent EISBot by implementing dynamic specificities through an external component; 2016 2nd International Conference on Robotics and Artificial Intelligence (ICRAI2016); MATEC Web of Conferences (ISSN: 2261-236X).

2016 Mautner, Alexandra

Mautner, Alexandra. (2016). "Living 10 Months for 2:" The Social Impact Residential Camp on the Development of the Self in Preteen and Teen Girls. 2016 American Camp Association Research Forum Abstracts (pp. 38 – 40).

2016 Rowan, Dominick

Rowan, Dominick; Meschiari, Stefano, et al. (2015) The Lick-Carnegie Exoplanet Survey: HD32963 – A New Jupiter Analog Orbiting a Sun-like Star, arXiv: 1512.00417v1 [astro-ph.EP] 1 Dec 2015.

2014 Cohen, David

Distribution of non-Gal antigens in pig cornea; Relevance to corneal xenotransplantation. *Cornea* 2014;33:390-397.

2014 Guberman, Alec

The mass of the black hole in LMC X-3. arXiv:1402.0085v1 [astro-ph.SR] (2014).

2013 Brook, Andrew D.

Comparison of CT and fluoroscopic guidance for lumbar puncture in an obese population with prior failed unguided attempt. *Journal of Neurointerventional Surgery* (2013) (First Author).

2013 Grossman, Eric

Athletic Participation in Children with Symptomatic Spondylolysis in the New York Area. *Medicine & Science in Sports & Exercise* (2013)

2013 Glatt, Daniel

Visual navigation during colony emigration by the ant *Temnothorax rugatulus*. *PLoS ONE* 8(5): (2013) e64367.

2013 Klein, Elizabeth

Oncolytic Immunotherapy Using Recombinant Vaccinia Virus GLV-1h68 Efficiently Kills Sorafenib-Resistant Hepatocellular Carcinoma. *Surgery*. (Author).

2013 Klein, Elizabeth

Oncolytic Viral therapy for Pancreatic Cancer: Current Research and future Directions. *Oncolytic Virotherapy*. (Author).

2013 Taft, Amanada

Situational and environmental factors associated with a child's willingness to use an epinephrine auto-injector. *Abstract and poster accepted for presentation at the 2014 AAAAI Annual Meeting in San Diego, CA*. (February, 2014); abstract for the online version of *The Journal of Allergy and Clinical Immunology* (Feb. 2014).

2012 Gardner, Allie

Weather Variability Affects Abundance of Larval *Culex* (Diptera: Culicidae) in Storm Water Catch Basins in Suburban Chicago. *Journal of Medical Entomology* (2012) 49(2):270 (first author).

2012 Xu, Aurora

Reanalysis of Refractive Growth in Pediatric Pseudophakia and Aphakia. *Journal of the American Association for Pediatric Ophthalmology and Strabismus*. (Currently in Press.)

2011 Cannold, Sammy

Institute of Global Education & Policy Studies; State University of NY at Albany (December, 2011) (Conference Presenter).

2011 Klugman, Maddie

The effects of pre-season and in-season neuromuscular training on the tuck jump assessment: A test used to identify risk of ACL injury in female athletes. *National Strength and Conditioning Association 33rd National Conference* 2011: Orlando, FL (Published Abstract).

2011 Klugman, Maddie

Does an in-season only neuromuscular training protocol reduce deficits quantified by the tuck jump assessment? *Clinical Sports Medicine* 30 (2011) 825-840.

2010 Kosminsky, Eli

World of Warcraft: The viability of massively multiplayer online role-playing games as platforms for modeling and evaluating perfect competition. *Journal of Virtual Worlds Research*. 2(4) (2010) 4-6.

2013 Klein, Eli

World of Warcraft: Finding Adam Smith in Azeroth. Cuddy and Norlinger (eds.), *World of Warcraft and Philosophy* 45: (2009) Chicago: Open Court (Author).

2009 Kosminsky, Lily

Review of Osseointegrational Technology for Patients with Amputations: University of Utah: (April, 2009,) (Conference Presenter).

2009 Kramer, Stephen

Comparison of the effect of human interaction, AAT And AIBO-AT on long term care residents with dementia. *Anthrozoology.org* 22(1) (2009) 43-57.

2008 Blum, Jeremy

Cancellation of force induced artifacts in surface EMG using FSR measurements. *Myoelectric Controls/Powered Prosthetics Symposium* 2008: New Brunswick, Canada (Published Abstract).

2007 Cruz, Christopher

Soft tissues in ammonoid cephalopods from the Bear Gulch Lagerstätte, Montana, USA. *Cephalopods- Present and Past*; Tokai University Press, Tokyo: 147-153 (Published Abstract).

2007 Formicola, Courtney

Natural T cell immunity to HER-2/NEU HLA class II peptide, P885-899, in patients with breast or ovarian cancer. *Journal of Immunology*. 30(8): (2007) (Published Abstract).

2006 Roberts, Benjamin

Blocked exit syndrome: A serious risk in venue emergencies. *Fire and Safety Magazine* (Fall, 2006).

2004 Albert, Matthew

Visual rotation detection and estimation for mobile robot navigation. *International Conference on Robotics and Automation*; New Orleans, LA (Conference Presenter).

2003 Stauffer, Julian

Double bonds in fused hexacyclic systems. *Journal of Mathematical Chemistry* 34(3-4) (2003) 297-301.

2003 Colasacco, Lauren

Release of oncofetal fibronectin from human placenta. *Placenta*. 24 (2003) 843-850.

TEACHER RECOGNITION**2016 Yale Educator Award**

Paul Beeken, 2016

New York State Coach of the Year

Scott Saunders, 2015

New York State Master Teacher Program

Chris Lewick, 2015

American Chemical Society Award of Excellence in High School Teaching

Steve Borneman, 2014

Teacher Publication and Presentation

Steve Borneman. Synthetic Organic Electrochemistry in Ionic Liquids: The Viscosity Question. *Molecules*, 2011.

Steve Borneman. Presentation at the 2013 American Chemical Society Symposium.

Various Teaching Guides for Harper Collins Publishing Company

Sue Ornstein,

Boys Basketball League Coach of the Year

Ted Repa, 2010, 2011

President of Soccer Coaches Association

Bryan Horn, Matt Allen, 2010, 2011

Nichols Foundation High School Chemistry Award

Steve Borneman, 2010

Volleyball Coach of the Year

Jared Christian, 2009

New York State Boys Soccer Coach of the Year

Matt Allen, 2008, 2010

League Football Coach of the Year.

John Naughton, 2008

President of Westchester School Council Music Association

Marna Weiss, 2006 – 2008

Distinguished Teacher Award

Anne Kaplan, 2006

Presidential Award for Excellence in Mathematics by the U.S. Department of Education

Chris Lewick,

2005

TEACHER RECOGNITION

(CONTINUED)

Fulbright Scholarship

Bob DiMartino, 2004

Smart Exemplary Educator Award

Ken Kaplan, 2004-2005

Teachers in Space program, NASA's Educator Astronaut Program

Chris Lewick, 2004

American Dreamer Achievement Award

David Wolfe & Janet Thompson

Special Recognition in Recycling Award

Meg Johnston

Albert Shanker National/International Conference Scholarship

Laura Borneman, Robin Langsam, & Chris Lewick

President of Westchester/Putnam/Rockland Counseling Association

Susan Buchman

Middle States College Board Advisor/Council

Anne Kaplan

ADMINISTRATOR RECOGNITION***Westchester Lower Hudson Council for the Social Studies: The Outstanding Social Studies Supervisor******Award: 2011-2012,***

Kim Lapple, 2011-2012

Author: Curriculum Guide for the Movie, Sisterhood of the Night

Andrew Taylor, published 2015

Franklin R. Buchanan Prize of the Association of Asian Studies (2006)***Author: From Silk to Oil: Cross-Cultural Connections Along the Silk Roads******(Oases Town and Caravans: pp. 82-99)***

M. Amster & Jennifer Laden, published 2005

Author: Kaplan AP World History

Jennifer Laden & P. Whelan, published 2005

Dissertations***Sandra Abt. A History of the Changes in the Policies and Practices of Student Control and Discipline in the Public Schools of New York State 1812-1980, 1992.******Paul Beeken. Electronic Energy Transfer in Small Molecules, 1983.******Tim Kaltenecker. Understanding the Role of the Assistant Superintendent for Curriculum in Leading School Improvement, 2011.******Michael McGrath. Retention of Freshmen Students at Iona College: A Multi-Method Investigation, 1996.******Ellen Medd. The Effects of Facilitated Incubation on Fourth Graders' Creative Writing, 2002.******Andrew Taylor. Impact of Access, Ability, and Attitude on Teacher and Administrator Use of Data, 2009.******Yvette Thompson. The Impact of Play on Language Development, 2002.***