



Virginia Section
American Chemical Society
Report for the Chemistry Olympiad Committee

I want to thank all of the teachers, the proctors and the students who participated in the 2011 Local Chemistry Olympiad which was another success this year. Fourteen (14) schools asked to participate with approximately 500 students nominated to take either the first year or the second year exam. From the 14 schools, 2 schools withdrew, 4 schools were put into the small school category with less than 600 student enrollment which included 1 governor's schools while the remaining large schools with enrollments over 600 competed in both the first and second year competitions. The results for each test are given below:

Exam statistics (not separated by category)	First Year (59 questions) 1 question removed	Second Year (60 questions)
Average	26.0 (44.1%)	27.3 (45.5%)
Standard deviation (raw score out of #)	6	6
Median	25	28
Max	42	41
Min	10	12
Number of Schools participating	9	9
Total Head count students	142	104

At each school, the student with the highest score within each class received a National Olympiad or Element pin. The following students were the highest score from each participating school. Teachers from each school also received a pin.

School	First Year	Second Year
Albemarle High School	Elise Braatz and Nathaniel Pfund	Timothy Wersinger*
Freedom High School		Danny Wang*
Highland Springs High School	Anene Nmelichukwu	
James River High School	Stefan Dibich	Austin Angulo*
J. R. Tucker High School		Triet A. Nguyen*
Lafayette High School		Philip Grimes*
Kenston Forest School	Clay Huff	
Patrick Henry High School	Libby Shoolroy, Pham Duc Giap, Caleb Yeong, and Cassidy Moore	Luis Carillo
Prince George High School	Christian Martinez	Matthew Skinner*
St. Stephen's & St. Agnes School	Syrena Bracey, Brett Williams, Douglas Maggs, Alex Parkhurst, and Ilkka Kovanen	Mallory Bell*
The Steward School	Benjamin Campbell	Minhktoa Tran
The Governor's School of Southside Virginia	William Gay	

*Took National Examination

Over twenty students were invited to fill our 12 slots to take the National Olympiad exam on April 16th at J. Sargeant Reynolds Community College in Richmond Virginia. No more than two students can participate from each school and each student must be a U.S. Citizen to be eligible for the IChO study camp. Of the following students who were nominated, eight students participated in the National Exam.

Tim Wersinger*, Aarati Sriram , Gregory Lewis , Sophia Seite, and Damon McIntire	Albemarle High School
Danny Wang*, Robert Burnham, Yejin Kim, Jenny Huh, Maria	Freedom High School

Hernan Achah, and Krishi Sharma	
Austin Angulo* and Adam Chaffin	James River High School
Triet Nguyen*, Tyler Hutcherson, and Parakh Shailaja	J. R. Tucker High School
Philip Grimes* and Adam Chaffin	Lafayette High School
Todd (Chris) Moore* and Matt Skinner*	Prince George High School
Mallory Bell*, Megan McLean, and John Payne	St. Stephen's & St Agnes' School
Minhkhhoa Tran	The Steward School

The students with the three highest scores from all participating schools, separated by category and by test will receive a gift certificate from Barnes and Nobel Bookseller, first place \$50, second place \$25 and third place \$10. Those students who took the National Chemistry Olympiad will also receive a \$50 certificate. Within the small school category, many student tied for the highest scores, only first and second place awards were given.

First Year Chemistry Olympiad Local Examination		
Place	Small School and Governor's School Category	Large School and Governor's School Category
	Syrena M. Bracey and Brett L. Williams	
First (\$50)	– St. Stephen's & St. Agnes' School and William A. Gay – The Governor's School of Southside Virginia	Elise M. Braatz – Albemarle High School
	Douglas T. Maggs and Alex Parkhurst	
Second (\$25)	– St. Stephen's & St. Agnes' School and Krista D. Boyce and Anthony C. Polakievicz – The Governor's School of Southside Virginia	Stefan Dibich – James River High School
Third (\$10)		Shane Wilson – James River High School
Second Year Chemistry Olympiad Local Examination		
Place	Small School and Governor's School Category	Large School and Governor's Schools Category
First (\$50)	Minhkhhoa Tran – The Steward School	Timothy Wersinger* – Albemarle High School
Second (\$25)	Mallory Bell* – St. Stephen's & St. Agnes' School	Triet Nguyen* – J.R. Tucker High School
Third (\$10)	Megan K. McLean and John Michael Payne – St. Stephen's & St. Agnes' School	Aarati Sriram – Albemarle High School

Team Awards are given to the school having the highest combined total for three students separated by category and year. These schools will be invited to attend the December Meeting of the Virginia Section and will receive a plaque to show they won the team award.

First year Team Award

Category	School
Small School & Small Governor's School	St. Stephen's & St. Agnes' School
Large School & Large Governor's School	Albemarle High School

Second Year

Category	School
Small School & Small Governor's School	St. Stephen's & St. Agnes' School
Large School & Large Governor's School	Albemarle High School

The Virginia Section's Chemistry Olympiad website: <http://virginia.sites.acs.org/chemistryolympiad.htm>

The cost of this activity to the Virginia Section was approximately \$2000.00

Respectively submitted

Ann Sullivan

Chair, Virginia Section Olympiad Committee, asullivan@Reynolds.edu