

The Bulletin

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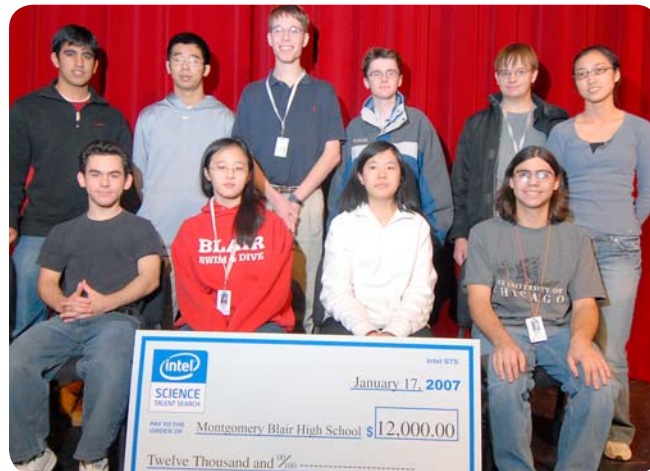
Montgomery Blair HS has 12 of MCPS's 15 Intel semifinalists

Twelve students from Montgomery Blair HS were named semifinalists in the 66th Intel Science Talent Search, one of the most prestigious and rigorous science competitions for high school students in the United States.

MCPS had a total of 15 of Maryland's 22 semifinalists in the competition, including one each from Bethesda-Chevy Chase, Walt Whitman and Thomas S. Wootton high schools.

Blair had the second highest number of semifinalists in the nation, behind only Thomas Jefferson HS for Science and Technology in Fairfax County, Va., which had 14.

A representative of Intel paid a visit to Blair Jan. 17 to congratulate the semifinalists and present them with \$1,000 checks. Schools of Intel finalists also receive \$1,000 for each semifinalist, to use for their science and math programs.



Intel semifinalists from Blair pose with the \$12,000 check the school received. From left are (front row) Ethan Schaler, Merlyn Deng, Victoria Yao, Joshua Yanovsky; (back row) Neil Mendhiratta, Allen Zhang, Richard McCutchen, Brian Lawrence, Andrew Durnford, Rachel Lee. Not pictured are Joseph Davis and Cyril Lan. Each student also received \$1,000.

"This was really an important honor because it means that I actually did a good research project and that other people recognize I did a good project," said student Joshua Yanovsky. "I also got

\$1,000." Yanovsky said the most important and enjoyable part of the research process for his theoretical computer science project was "the moment I figured

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After 42 years, overdue library book comes home to Springbrook



Springbrook media specialist Cynthia Strong returns the long-overdue book to the library shelves.

Recently, a nondescript Federal Express package arrived in the media center at Springbrook HS. Inside the package was a 1930 copy of *The Complete Sherlock Holmes*.

Included was a nicely typed letter from a 1966 Springbrook graduate who now lives in Richmond, Va., inquiring how much he owed for borrowing the book for 42 years and 8 months. "Did you miss the book?" he asked.

In addition to asking how much he owed, the grad also mentioned that he thought his history teacher at the time had suggested he take out a "mystery" book rather than a "history" book. "No wonder the test had nothing to do with the reading assignment!" he wrote.

Springbrook media specialists Linda French and Cynthia Strong say the school will not charge the \$152.70 in fines (still only 2 cents a day) for the book. In a tongue-in-cheek response, French wrote to the former student that he probably had paid for the book before he was allowed to graduate and "if you have your receipt, we'll be glad to refund your money [estimated to come to \$1.95 after a \$2 processing fee] the next time you visit Springbrook."

Abrams continues third term on Board

This is the fifth in a series of profiles on the members of the Board of Education. This article focuses on Steve Abrams, who was elected to his third nonconsecutive term on the Board in 2004. Abrams represents District 2.

Board member Steve Abrams envisions the Montgomery County Public Schools of the future: "A world-class public school system in a multicultural environment."

Says Abrams, "I think the big thing the Board has accomplished since I've been a member is to move the dynamics of MCPS from a system that had excellence by demographic accident to one where we have excellence by design."

Like his recent 70-pound weight loss, this has been accomplished "the old-fashioned way—by hard work." The culture of the organization is being changed by recognizing the shifts that have occurred in the makeup of the student population and adapting methods to make sure they are meeting the needs of students, Abrams says. "The Board has done a magnificent job in responding to both these internal changes in the school community and in external changes and standards being required by the state and federal government."

Technology also plays a part in the rejuvenation of the school system. "That's enhanced by the number of new principals, new teachers, new supporting service workers—all coming in and picking up the best of the old MCPS and giving it an injection of the MCPS of the future, one that is technology friendly," says Abrams.

President of Eagle Management Partners, which does turnarounds of distressed companies and funds new business ventures, Abrams has an undergraduate degree from the Wharton School of Finance and Commerce at the University of Pennsylvania, an MBA from American University and a JD from the University of Baltimore School of Law. He is a member of the Board's Audit Committee, Policy Committee and Ad Hoc Committee on Special Education.

As he continues his work on the Board, Abrams will maintain his focus on how



Steve Abrams

the school system can become more efficient. "I tend to focus on the more mundane issues, the backroom operations, to make sure that our system meets the needs of increased regulatory requirements and increased volume," he notes. For example, in the area of computer software, this includes making sure what we buy works!"

He adds, "I'm also very excited about having the private sector more involved with MCPS, both to help us in terms of instructing our course focus as well as assisting us in developing business practices."

Abrams believes that a major challenge facing the school system over the next few years is economic sustainability. "We need to make more efficient use of our existing facilities because resources are going to be scarcer at all levels," he says.

Abrams has two daughters who graduated from MCPS. He served five terms on the Rockville City Council, has been a financial advisor with Prudential Securities, Inc., and worked as a senior lobbyist for the American Israel Public Affairs Committee. He also has served as deputy counsel for the Committee on Foreign Affairs in the U.S. House of Representatives and as deputy assistant secretary for Food and Consumer Services with the U.S. Department of Agriculture. □



Announcements

Edison open house. Thomas Edison HS of Technology will hold its annual open house Thursday, Feb. 8, 5-8 p.m., at the school. The annual event allows students and parents to see firsthand the 19 different career and technology programs for students enrolled at all high schools. Guests can meet instructors and industry partners, see classrooms and labs and speak to college and tech school representatives. For more information, visit the web site at www.montgomeryschoolsmd.org/schools/edison.

Teachers 2000. An information meeting on George Washington University's Teachers 2000 program, offered in partnership with Montgomery County Public Schools, will be held Thursday, Feb. 8, 6-8 p.m., in the Carver Educational Services Center cafeteria. The full-time program leads to certification and a master's degree in a selected field of secondary or special education. For more information, call 202-973-1593, e-mail Gerta Bardhoshi at gerta-B@gwu.edu or visit the web at www.gwu.edu/~t2000.

Chinese immersion. The Chinese Immersion Program at College Gardens ES will hold an open house Thursday, Feb. 15, 1:30-2:30 p.m., for kindergarten through grade 3. (Will be postponed to Feb. 28 in the event of bad weather.) For more information, call Kuang-Tzu Gretz, Chinese Immersion Program coordinator, at 301-279-8470. □

The Bulletin

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Let us hear from you

The Department of Communications welcomes feedback about our publications, products and services. Send comments to the Public Information Office, Carver Educational Services Center, Room 112; call 301-279-3391; or fill out the feedback form on the Public Information Office web site, www.montgomeryschoolsmd.org/info.

Math Dude coming this week into your school and home

He's hip. He's enthusiastic. He likes to move his hands when he makes a point. With his longish graying hair, rock group T-shirts and casual manner, he looks as if he might have stepped out of the '60s or '70s.

Most important, he knows how to make math really cool and interesting.

Who is this mysterious man? He's the Math Dude! And starting this week, he's coming into homes and schools, via Instructional TV and the Internet, to help students learn and review algebra concepts and problems.

The Dude is also known as Mike DeGraba, recently retired after a 31-year career as a mathematics teacher, most recently at Damascus HS. Many folks will recognize him as he is now in his 14th season as a teacher-host on "Homework Hotline Live," which airs on MCPS ITV Channel 33.

The Dude really knows his math, and it's his intention to help middle school and high school students in Algebra 1 classes know it better, too.

Appearing to stand on a high-tech stage, with lots of lights and camera angles, the Math Dude expounds on a different mathematical concept in each brief segment. Tune in to a show and you may see him discussing the law of exponents. With the help of animation, the Dude explains how x^3 , an exponent, is different from $3x$, as a booming voice and large red words—"IT'S THE LAW!"—appear on the screen.

"The Math Dude" series initially will aim to reinforce Algebra 1: Units 5-7, as the lessons are concurrently taught in the classroom. An original episode will air each week throughout the remainder



Math Dude Mike DeGraba is taped in front of a green field in preparation for the airing of "The Math Dude." The new ITV program premieres Jan. 23 on Cable Channel 33.

of the school year, offering students and teachers a timely reference to support their primary algebra instruction and preparation for the HSA.

Because middle school and high school teach some units in a different sequence, Instructional TV has two separate sets of episodes ready to go. Unit 5-1 on matrices and Unit 6-1 on the law of exponents will air back-to-back starting Tuesday, Jan. 23, at 6 p.m. on Channel 33.

By next fall, Units 1-4 will be ready to air as the new school year gets under way. In total, 32 to 35 separate episodes are planned to cover the entire school year.

Although he looks as if he could be standing on the stage of "American Idol," the Dude is really standing in front of a green field, or screen, where he is taped from different angles using three separate cameras. Then the green field is removed and computer-generated images and backgrounds take its

place. Two large "whiteboards" serve as virtual monitors where animated video of math equations is inserted. Special sound effects and a good dose of humor enhance the program as well.

It's taken a lot of work by a number of people to get the program ready to air. Mike DeGraba is host of the program and writes all the scripts. Eric Van Ryzin is the show's producer, Scott Perkins the graphic artist and Lauren Duff the expert contact in the Office of Curriculum and Instructional Programs. The Web Services Team, under the direction of Chris Sturm, will help make the web site more usable for teachers, students and parents.

"The Math Dude" airs on Cable Channel 33 Tuesdays, Wednesdays and Thursdays from 6-6:15 p.m., immediately following "Homework Hotline Live!" Each program will be available on the web at www.mcpsmathdude.org. New programs will be added to the web site as they are completed.

Whitman choir, Rockville band represent MCPS at Inauguration

The Walt Whitman HS Chamber Choir, under the direction of Jeff Davidson, practices in preparation for performing at the inauguration of Maryland Governor Martin O'Malley Jan. 17 in Annapolis. The Rockville HS Marching Band, under the direction of Phil Barnes, was one of three bands throughout the state selected to participate in the inaugural parade.



Blair, B-CC, Whitman and Wootton have Intel semifinalists

(continued from page 1)

out I had something no one else had ever done before. ... It was nice to look at that and realize I'd proved something."

"They are all absolutely astounding," said Glenda Torrence, research coordinator in the Science, Mathematics, Computer Science Magnet Program at Blair. All of the Blair semifinalists are students in the rigorous program. "They've had good training. The courses they have taken have put them in a good place to do this. They're easy to work with and eager to learn. They take information and just absorb it."

The MCPS semifinalists and their project titles are:

Montgomery Blair HS

- Joseph Davis—Anti-apoptotic Proteins CED-9 and Bcl-x_L Directly Disassemble Ceramide Channels
- Merlyn Deng—Host Factors BAT1 and DDX39 Are Responsible for Nuclear KSHV-ORF57 Viral RNA Exporting into the Cytoplasm
- Andrew Durnford—Microstructure-Property Simulations for Low Thermal Expansion Ceramic Composites
- Cyril Lan—Modeling the Dynamics

of Excitons in Semiconductor Quantum Dot Arrays

- Brian Lawrence—Finite Groups with $p^2 - 1$ Elements of Order p
- Rachel Lee—Effect of Plasma Membrane Compositions on Akt Function
- Richard McCutchen—Least-Unpopularity-Factor Matching
- Neil Mendhiratta—Improving Automated Patient Monitoring with Real Time Heart Rate Variability Analysis
- Ethan Schaler—Lunar South Pole Magnetic Field Analysis: Models from Lunar Prospector Observations and Constraints on Hydrogen and Water Ice Deposits
- Joshua Yanovski—Approximating Graph Isomorphism
- Victoria Yao—The Identification of Chromatin Domains Interacting with the Hox Gene Clusters by a Novel Genome-wide Approach
- Allen Zhang—Micromanipulation of Living Cells Using Novel Fiber Optic Tweezers

Bethesda-Chevy Chase HS

- Beatrice Parker—Conditioned Place Preference Testing Reveals a Role for Mind Bomb in the Establishment of

Long-term Memory in Zebrafish

Walt Whitman HS

- David Chen—A Five Residue Amino Acid Sequence Predicts Sodium Hydrogen Exchanger Membrane Localization

Thomas S. Wootton HS

- David Sheng—Amyloid- β Peptides Impair Axonal Mitochondria Transport: A Possible Early Pathophysiological Mechanism in Alzheimer's Disease

The Science Talent Search has been administered by Science Service, a non-profit organization, since 1942. The 300 semifinalists were selected from a record 1,705 entrants from throughout the nation.

The list will be trimmed to 40 finalists Jan. 31. They will attend the Science Talent Institute in Washington, D.C., on March 8-13. The finalists will participate in a final judging process and share in \$530,000 in scholarships.

The top winner will be announced at a March 13 black tie banquet and awards ceremony.

For a complete list of semifinalists, visit www.sciserv.org/sts/. □



School news

Burning Tree ES fifth graders in Matthew Wells' class won the first place award for the "Together We're Better" poster contest sponsored by ARC of Maryland and the Maryland State Department of Education. The contest was tied in with National Inclusive Schools week, celebrated Dec. 4-8. The students are invited to a Jan. 23 dinner reception in Annapolis at the Senate building, where all the winning posters will be displayed.



Cannon Road ES celebrated "National Inclusive Schools Week" Dec. 4-8. Morning announcements featured special messages about different learning styles. Second graders entered a national poster contest with the theme "Together We're Better." Fourth graders were visited by the MELs (Montgomery's Exceptional Leaders) from Blake and Rockville high

schools. The school wrapped up the week with a visit from service dogs and their people from "Fidos for Freedom!" in an all-school assembly. Events were coordinated by counselor Lise Valenta, art teacher Linda Pescarmona and principal intern Nora Dietz.



Fallsmead ES donated 622 toys to the City of Rockville's "Take Part, Give from the Heart" program. The toy drive was organized by the SGA. Fallsmead has 506 students and participates in numerous fund-raising activities. Principal Dennis Nelson received a certificate of appreciation from Manna Food Center this fall for collecting more food per capita than any other Montgomery County elementary school during the Kids Helping Kids Food Drive. The school donated 4,502 cans of food to Manna during the 2006 drive.



Students at **Sherwood HS** had the opportunity to view the sun safely through

telescopes equipped with solar filters in November. Greg Piepol of the Northern Virginia Astronomers Club and Dr. David Grau set up telescopes equipped with solar filters and video monitors. More than 100 students viewed the solar surface in real time using ultraviolet and visible light wavelengths. Sherwood Earth/space systems teacher Susan Phillips arranged the visit. Similar images may be viewed on Piepol's award-winning web site, <http://www.sungazer.net>. □



Greg Piepol helps Sherwood HS students view the sun through a telescope.

Partnership brings hospitality, culinary management to MCPS

A partnership between Baltimore International College (BIC) and MCPS will bring college courses in hospitality and culinary management to high school students in MCPS. The partnership also includes articulation agreements for up to 15 college credits.

BIC is a fully accredited college with the Middle States Commission on Higher Education offering master's, bachelor's and AAS degrees in hospitality and culinary management.

To kick off the partnership, 28 students and staff from James Hubert Blake, Thomas Edison and Paint Branch high schools and central offices participated in a Dec. 4 field trip to the Baltimore campus, where they met in small-group counseling sessions to learn about the college application process and requirements. Students toured the various hospitality and culinary facilities. A seminar on financial aid, interview/resume tips and a four course meal also were provided.

Following the visit to BIC, students toured facilities at Oriole Park at Camden Yards with Aramark Corporation Executive Chef Russell Szekely.

Oriole Park was the first stadium in the U.S. to offer upscale restaurant, club and event planning options.

To learn more about hospitality and culinary programs in MCPS, e-mail Mary Yeates, Division of Career and Technology Education, on Outlook. □



Students from Thomas Edison and Paint Branch high schools tour food preparation facilities at Baltimore International College.

Elementary, middle school testing schedule

Spring testing for elementary and middle school students is rapidly approaching. Below is the schedule of upcoming tests.

Assessment	Testing Window	Testing Group
MSA Reading	March 12-13	Grades 5 and 6
	March 14-15	Grades 3, 4, 7 and 8
MSA Mathematics	March 16 and 19	Grades 5 and 6
	March 20-21	Grades 3, 4, 7 and 8
LAS Links	March 28-April 27	Grades PreK-8
TN/2	April 16-20	Grade 2
MSA Science	April 18-May 8	Grades 5 and 8
MAP-R (Measures of Academic Progress-Reading)	April 26-May 18	Grades 3-8

MCPS will administer the Science MSA in paper-and-pencil format during the April 18-May 8 testing window. In addition, a practice Science MSA is available. The science team will work with schools to use practice materials. Questions about science content or the practice Science MSA can be e-mailed to Anita O'Neill, science supervisor, at Anita_R_O'Neill@mcpsmd.org.

Training is required for all school test coordinators. They may register for one full-day or two half-day sessions on MSA, TN/2 and LAS Links, to be held Feb. 5-8 at Johns Hopkins University, Shady Grove campus. Schools may send up to two additional staff and may consider sending a special education and/or English for Speakers of Other Languages representative. All participants must register through the Professional Development Online system.

If you have questions related to testing or training, contact Carlos Martinez Jr. on Outlook or call 301-279-3595.

Blake partners with MICA to bring college courses to school

Maryland Institute College of Art (MICA) and James Hubert Blake HS have joined in a partnership—MICA @ Blake—to offer courses in ceramics, photography and fine arts. Classes are taught by experienced MICA faculty in Blake's well-equipped labs for ceramics, drawing and black-and-white or digital photography.

MICA @ Blake offers an intensive, college-level experience. The courses are open to qualified high school students, as well as to parents, school staff and other adult learners. College credit may be earned at the undergraduate or graduate level and is granted by Maryland Institute College of Art's Division of Continuing Studies.

This spring, MICA@Blake is offering one class tailored to the needs of certified teachers seeking graduate credit for professional development or certification renewal. Spring classes begin Feb. 12.

Brochures are available in Blake's main office and online at www.montgomeryschoolsmd.org/schools/blakehs/. For more information, call MICA, Division of Continuing Studies, at 410-225-2219. □



ERSC corner

Paid academic leave for 2007

MCPS employees with at least seven years of continuous service can apply for paid academic leave at 50 or 60 percent of their annual salary.

The deadline to apply for academic leave for the 2007–2008 school year is April 1, 2007. However, as the date falls on a Sunday, applications will be accepted through Monday, April 2.

All related information and materials necessary to complete the application are available on the Employee and Retiree Service Center (ERSC) web site at www.montgomeryschoolsmd.org/departments/ersc/academic_leave.shtm.

MCEA and SEIU Local 500 employees must submit a current letter of acceptance from a college or university. The acceptance letter must include verification of full-time student status and the proposed program of coursework by semester, including course titles, course number and corresponding credit values for each course.

MCAASP employees must submit a proposed program of research or work with a description of how the program will enhance their professional growth and contribute to the improvement of the school system.

To apply, send completed application packet to the Leave Administration Team, ERSC, 7361 Calhoun Place, Suite 190.

If you have questions, contact the Leave Administration Team Monday through Friday, 8 a.m.-5 p.m., at 301-517-8100. □



Best beard at B-CC

Bethesda-Chevy Chase HS staff members show off the beards they grew for the “best beard” competition between Thanksgiving and winter break. Students voted long-term substitute Chad Young (back row, second from left), who also shaved his head in a mohawk, winner of the competition. Students paid \$1 for each vote. The school raised more than \$1,600 for the National Capital Food Drive.



Certification

Certification Bulletin Board

The Certification Unit has created a Certification Bulletin Board on the certification section of the MCPS web site (www.montgomeryschoolsmd.org/departments/personnel/certification).

The Bulletin Board, which is updated monthly, includes notices, reminders and information related to educator certification

and local MCPS contingencies. In addition, any new information available from the Maryland State Department of Education will be posted.

The certification web site also includes all forms used for salary advancement requests, certificate renewal plans, credit applicability and equivalent activities.

The certification handbook, MCPS Handbook of Salary and Certification Information for Teachers, Specialists and Administrators, also can be accessed at this location.

Check the site regularly to be kept abreast of important certification issues. □



In remembrance

Linda D. Lohmeier, paraeducator and

lunch hour aide at Westover ES, died Dec. 24. She had worked with MCPS for 16 years.

Lois Norris, transportation time attendance assistant with the Department of Transportation, died Jan. 4. She had 26 years of service with the school system. □

Employment opportunities

The jobs below were available at Bulletin deadline. All require excellent human relations skills. These are summaries of minimum & special job requirements. For staffing information, contact the Department of Staffing at 301-279-3515. Employment opportunities and written job descriptions are available at www.montgomeryschoolsmd.org/departments/personnel. Applicants will be screened based on the job description & special considerations. All active permanent and temporary employees must apply on MCPS Form 446-6; outside (new) applicants must complete the Interest in an Advertised Vacancy Form, located at the Office of

Human Resources reception area. Specify ad number, school or location & name of the personnel specialist following the job summary. Take tests & submit required materials by the application deadline; additional skills tests may be administered after the deadline. A job change may affect retirement/pension status; check with the Employee & Retiree Service Center, 301-517-8100. Returning from leave, involuntary transfers & re-assigned employees will have priority.

An Affirmative Action/Equal Opportunity/Title IX Employer.

Unless otherwise indicated, the deadline for all jobs is 01/30/2007. Apply by job number and title for all supporting services positions. Faxes will not be accepted. Applications must be either hand-carried to the Department of Staffing or sent by internal or U.S. mail.

Administrative

Administrative & supervisory positions are listed in bold. If no ads are listed, no new positions are available. Complete descriptions can be found on the Office of Human Resources employment information web site (www.montgomeryschoolsmd.org/departments/personnel).

Staff assistant, Policy and Communications (nonscheduled salary scale)—Under direction of the Board of Education chief of staff, manages all appeals matters, handles communications & outreach responsibilities of Board office & conducts research; master's degree in public relations, public or business admin., ed. or other rel. field, or equivalent trng. & exper.; min. 5 yrs. exper. in research/professional writing & editing, incl. position papers, policies & regs. For application directions & full description of position, check

the MCPS web site or the A&S employment section of Outlook. Applications must be received by Friday, Feb. 2.

Supporting services

Paraeducators. All paraeducator vacancies are posted on the vacancy database at www.montgomeryschoolsmd.org under For Staff/School-based Jobs: Vacancy Database. Next to “Position” select “paraeducator,” “special education paraeducator,” etc. To be considered for employment, all new applicants must submit a supporting services application packet along with official transcripts to the Office of Human Resources, 7361 Calhoun Place, Suite 401, Rockville, MD 20855. Only approved new candidates may send letter of interest with resume directly to the school.

#1 Bus operator (9) (4 hrs., 7-9 am & 2-4 pm) Dept. of Transportation—Driver's lic.

for at least 5 yrs.; excel. driving record; abil. to obtain MD Class B commercial driver's lic.; pass phys. exam. & drug test. Sub. exper. may lead to perm. pos. (Reed)

#2 Cafeteria worker I (substitute) (2-5 hrs.) Div. of Food Services—Food preparation exper. req. (Calavetinos)

#3 Substitute secretarial assignments (10) (multiple school & central office loc.)—Gen. secretarial/clerical skills; familiarity with Microsoft Office app. a plus; must pass MCPS typing test at 40 wpm. Sub. exper. may lead to perm. pos. Call 301-279-3291 to schedule appt. for typing test. (Arrington)

#4 Building service worker (community use) (6) (various loc.)—Gen. clng. exper., incl. repetitive lifting; abil. to maint. security of school bldg.; work independently, commun. with community use groups & secure boiler cert.; flex. rotation hrs. incl. 8 hrs. Sat., 8 hrs., Sun., & 4 hrs. 1 weeknight; must have own transp.; loc. subj. to change. (Reed)

#5 HVAC mechanic I (17) (loc. TBD) Div. of Maintenance—HS grad.; compl. of recognized HVAC apprenticeship & valid universal class EPA refrigerant recovery cert. (MD HVAC journeyman's lic. pref.); abil. to diagnose & troubleshoot complex HVAC equip. & sys. & to work from schematics, plans & drawings; valid Class C driver's lic. & thorough knowl. of current trade practices, standards, codes; MCPS written HVAC test & maint. HVAC skill test. (Arrington)

#6 Heating mechanic II (17) (loc. TBD) Div. of Maintenance—HS grad. & compl. of recognized apprenticeship; consid. knowl. of maintaining & repairing heating sys., diagnosing defects in burners, working from diagrams & inspecting work; valid driver's lic.; excel. commun. skills & abil. to prepare reports; abil. to respond to frequent emergency requests & perform work req. consid. phys. exertion; written MCPS heating mechanic II test & skills test. (Arrington)

#691 Application developer II (25) (8 hrs., 12 mos.) Business Systems—BS computer science, engineering or rel. field; min. 5 yrs. programming exper. & at least 3 yrs. in interfacing web app. to Oracle databases; exper. designing & developing app. in client server & web environ, developing with Oracle databases, Legacy mainframe sys. & databases (i.e. IDMS) pref.; will design, develop & test app. to store, manipulate, locate & retrieve specific data & info., develop test plans, create sample input data to test adequacy & run tests of app; convert customer req. into integrated web solutions for countywide users. (Horos)

#683 Automotive technician I (17) (8 hrs., 12 mos.) (3rd shift) Fleet Maintenance—4 yrs. auto repair exper. incl. 2 yrs. skilled mechanic work/compl. of recognized apprenticeship or trng. & 2 yrs. exper./comb. of ed., trng. & exper.; must have or obtain restricted MD Class A commercial license with req. vehicle towing endorsements; mechanics' tools req.; ability to lift up to 100 lbs. and stand for extended periods; periodic overtime, attendance at trng. courses/programs, excellent driving record & passing MCPS auto technician tests prior to assign. (Halperin)

#685 Building service assistant manager II (11) (2:30-11 pm) DuFief ES—Clng. & bldg. maint. exper.; boiler course req.; must have, or attain within 6-mo. probationary period, Basic Skills & Supervisory & Leadership certif.; abil. to effectively maint. safety & security of bldg./grounds & prep. routine reports. (Reed)

#678 Building service assistant manager II (11) (12:30 a.m.-9 pm) College Gardens ES—Same basic req. as #685. (Reed)

#679 Building service manager II (12) (7 am-3:30 pm) Candlewood ES—Bldg. maint.

exper. incl. supervisory exper.; knowl. of bldg. serv. methods, mat. & practices incl. HVAC; boiler cert.; compl. of MCPS leadership & plant equip. oper. courses pref.; bldg. serv. mgr's exam.; abil. to work with diverse user groups desirable. (Reed)

Building service worker (6) (see list below)—Gen. clng. exper.; oper. power equip.; clear snow from walkways; repetitively move heavy objects. (Reed)

#666 (5-9 pm) Takoma Park ES

#684 (6-10 pm) Mark Twain School

#677 (4-8 pm) Little Bennett ES

#686 (4-8 pm) Great Seneca Creek ES.

Special consid.: team cleaning exper. pref.

#692 (7-11 pm) Damascus HS

#696 (2:30-11 pm) Silver Spring International MS

#8866 (readvertised; 11:30 am-8 pm) Thurgood Marshall ES

#556 2nd shift (2:30-11 pm) Col. Zadok Magruder HS

#618 Cafeteria manager I (12) (6 hrs., 10 mos.) Mark Twain School—HS grad. or equiv.; compl. of appropriate trng. prog.; increasingly respons. food serv. supervisory exper., consid. knowl. of large-quantity food prep. & school cafeteria oper.; cafeteria mgr.'s exam (Calavetinos)

#551 Parent/community coordinator (20) (8 hrs., 12 mos.) Div. of ESOL/Bilingual Programs—BA from accred. college or univ.; coursework in ed., counseling or commun. desirable; exper. with school & community activities & prog., pref. in leadership role; some counseling exper. desirable; bicultural life exper. desirable; fluency in Amharic req.; other comb. of appropriate ed., trng. & exper. may be consid. (Merson)

#667 Plant equipment operator II (11) (6 am-2:30 pm) Walter Johnson HS—Exper. oper. & serv. industrial-type heating, ventilating & AC sys.; abil. to replace/order filters for air handlers, window AC units & unit heaters, inspect rooftop mechanical equip., perform gen. clng. duties req. of bldg. serv. workers. & as assign. by bldg. serv. mgr.; boiler, plant equip. & AC oper. courses. (Reed)

#687 School administrative secretary (16) (8 hrs., 12 mos.) Lucy V. Barnsley ES—HS grad. with commercial courses & some college pref.; progressively respons. exper. incl. 2 yrs. as school sec. I or equiv.; knowl. of PC word processing & database software; demonstrated writing & proofreading skills; MCPS typing test. Pref. given to cand. with secretarial exper. in ES; exper. handling IAFs, online ordering, purchase orders & highly confidential matters. (Arrington)

#689 School administrative secretary (16) (8 hrs., 12 mos.) Burtonsville ES—Same basic req. as #697. Pref. given to cand. with secretarial exper. in elementary school. (Arrington)

#661 School registrar (14) (8 hrs., 12 mos.) Richard Montgomery HS—HS grad. with 2 yrs. college or equiv. work exper.; exper. & trng. in clerical & sec. work; knowl. of records mgmt., school curric. & course credit sys.; MCPS typing test. Pref. given to cand. with high school registrar exper. (Arrington)

#663 School secretary I (11) (see list below)—HS grad; gen. clerical exper; computer skills incl. word processing & database; MCPS typing test. (Arrington)

#663 (8 hrs., 12 mos.) RICA, Regional Institute for Children & Adolescents

#694 (8 hrs., 10 mos.) Rockville HS. Pref. given to cand. with attendance office exper.

#681 (8 hrs., 10 mos.) Germantown ES. Pref. given to cand. with attendance office exper.

#668 School secretary I (11) (8 hrs., 10 mos.) DuFief ES—Same basic req. as #663.

Special consid.: attendance office exper. req.; must be proficient with Microsoft Office Suite & FileMaker Pro. (Arrington)

#676 Social service assistant (13) (4.8 hrs., 10 mos.) Head Start Unit—HS grad., courses in early childhood serv. or rel. field or exper. in family serv. or community action prog.; other comb. of ed., trng. & exper.; abil. to work effectively with parents & staff & function as part of team; knowl. of computers & exper. in data entry, pref. in word processing & database app. (MS Word & Access); good org. & record keeping; abil. to coordinate prog. activities; skills in organizing & working with diverse socioeconomic groups; excel. human relations skills; valid driver's lic.; Spanish speaking req. (Merson)

#675 Social service assistant (13) (8 hrs. 12 mos.) Head Start/Pre-Kindergarten Unit—Same basic req. as #675. (Merson)

#665 Supply worker II (10) (CESC mail room; avail. 2/20/07) (8 am-12 pm) Supply/Property Management—9th grade completion; exper. as supply worker, stock or delivery clerk; mail handling exper.; oper. med. & lightweight delivery trucks, power industrial forklifts, pallet trucks & rel. equip; knowl. of traffic rules/regs., legal weight limits & warehouse practices; keep accurate records & reports; valid MD Class C lic. & excel. MVA report of driving record; abil. to obtain CDL lic. for perm. status; handle heavy items up to 100 lbs.; overtime req.; drug test req. prior to assign. (Calavetinos)

#693 Technical project manager (27) (8 hrs., 12 mos.) Student & Business Technologies—BS in tech., business, or rel. field; 5 yrs. software development exper.; clear understanding of SDLC, RUP exper. pref.; 5-7 yrs. project mgmt. exper.; Microsoft Project & other project & portfolio mgmt. tools; managing multiple projects simultaneously; will develop & maint. project plans incl. accurate project schedules, costs, resources, milestones & risks, & work closely with project stakeholders; respons. for managing contractual resources incl. devel. & review of proposals & defining project deliverables & ensuring adherence to MCPS devel. processes. (Horos)

#598 Transportation cluster supervisor (18) (8 hrs., 12 mos.) (multiple pos.) Dept. of Transportation—HS grad/equivalent, college ed.; prior transportation staff management exper. pref.; excellent oral/written, interpersonal, org. skills; ability to instruct bus operators & attendants in safe vehicle operations and plan, supervise & evaluate work of others; skills in school bus oper., dispatching & routing desirable; knowl. of 7 core SSPGS competences, traffic safety rules/laws; possession or abil. to obtain valid MD Class B CDL with passenger, air brake & school bus endorsements; use of dependable personal vehicle (mileage reimbursed); windows software exper. (Halperin)

#600 Transportation depot manager (25) (8 hrs. 12 mos.) Dept. of Transportation—BA degree; consid. progressively responsible school transportation exper. incl. fleet/other similar oper., scheduling/routing; thorough knowl. of MD state/local school transportation regs. & 7 core competences of SSPGS; other comb. of ed./exper. may be considered; excellent oral/written/interpersonal communication skills; abil. to manage, supervise, train numerous employees & meet deadlines, handle multiple simultaneous priorities in stressful situations; possess/obtain valid commercial driver's license with air brake/passenger endorsements; must pass bus operator physical/pre-employment drug tests; abil. to work irregular hrs./overtime when needed. (Halperin)

#673 Transportation regional router

(18) (8 hrs., 12 mos.) (multiple positions) Dept. of Transportation—HS graduate/equiv.; successful exper. as transportation router incl. use of MapNet or other routing software; other combination of ed./exper. may be considered; Windows software skills & knowl. of 7 core competences of SSPGS; abil. to supervise team, solve scheduling & resource conflicts, & balance demands from multiple customer groups; passing score on MCPS DOT routing skills assessment; consid. overtime req. during summer & peak periods. (Halperin)

#674 User support specialist I (20) (8 hrs., 12 mos.) Tilden MS—BS or equiv. with consid. coursework in computer sys; knowl. of Novell, PCs, peripherals & XP op. sys., Windows Server 2003; strong communication & interpersonal skills; abil. to install, maintain, troubleshoot & problem solve networks to support end users with both technical & computer app. questions. (Horos)



Language teachers. The MCCPTA-EPI FLES Program, which provides extracurricular language classes for grades K-6 in MCPS, seeks Mandarin Chinese, French & Spanish speakers to teach part time for 2007-2008 school year; exper. with groups of young children; available at least 3 hrs/wk. before or after school; native or near native abil. in target language; BA or equiv. Call FLES Program Office, 301-229-3419, or e-mail or classes@fles.org. New FLES Teacher Training Program is March 2 & March 5-7.

Receptionist. On-call receptionist eves. & Sat.; courteous phone manner; prev. experience pref. Send resume to Julie Bobrow, TLC, 2301 Research Blvd., Suite 110, Rockville, MD 20850 or fax to 301-424-8063.

Instructional technicians/counselor. Community Services for Autistic Adults and Children (CSAAC), a nonprofit agency in Mont. Co. seeks part-time staff to work with individuals with developmental disabilities for after-school program; benefits & salary \$10.75-\$15/hr.; good opp. for staff, teacher assistant or students in psychology, special ed., human services, behavioral studies or rel. field. Fax resume to 301-208-7253, attn. FISS/IEI, or e-mail akoutta@csaac.org.

Direct care counselor. CSAAC seeks part-time weekend (8 am-11) staff to work with individuals with developmental disabilities in home setting; \$10.23/hr.; driver's license req. Fax resume to 240-912-2288, attn.: HR, or e-mail akoutta@csaac.org.

ESOL teacher. Montgomery Housing Partnership, Inc., seeks ESOL teacher to work with adults in Wheaton area 2 days/wk., salary \$18/hr.; computer teacher, 7-9 pm Mon. & Thur. or Tues. & Thur. in Silver Spring area, \$16/hr.; and Homework Club teacher, 4-6 pm, \$16/hr. Call Gloria Castro, 301/946-0882, ext. 18 or fax resume to 301-946-0982.

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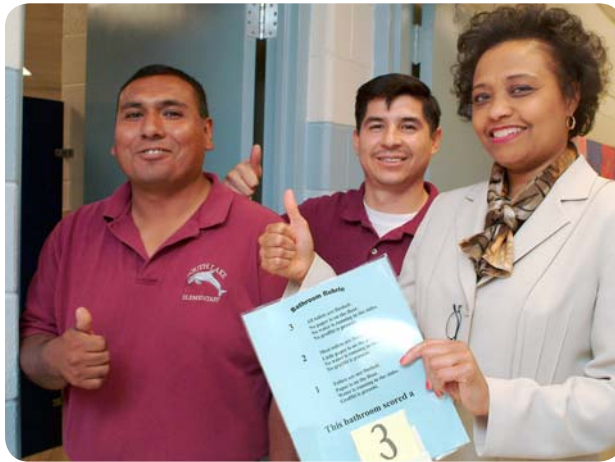
Building service staff use Baldrige to help make a difference

These days, when students at South Lake ES visit the restrooms, they're likely to take a look around to see if all toilets are flushed, no paper is on the floor, no water is running in the sinks and no graffiti is present. If help is needed, they pitch in. The reward: a score of "3" on the rubric that hangs on the wall outside.

The Baldrige in Education initiative is helping bring about change in many schools—and not only in academic areas. Students and staff are joining together to help keep restroom facilities clean at South Lake ES, a process begun last year using the Baldrige process. And Baldrige training for building service workers is expanding, helping bring about change in a growing number of schools.

The Division of School Plant Operations has been using Baldrige for several years in conducting business and measuring effectiveness. "We often ask our managers, How do you know you're doing a good job? How do you measure that?" said building service trainer Larry Hurd. Improved inspections, systematic team cleaning and upgraded training are some of the changes being made.

Two group trainings, each for about 30 building service managers, assistant managers and supervisors, were held in October and December. At the December training, South Lake was used as a role model for what effective use of Baldrige can accomplish.



Building service staff Sam McAllister and Juan Vasquez and Dianne Jones, director of the Division of School Plant Operations, give a thumbs-up and a rubric score of 3, the highest rating possible.

In its first year of implementation as a Baldrige school last school year, South Lake wanted to address concerns of parents and students after climate surveys revealed that the cleanliness of restrooms was an issue.

Principal Catherine Allie and staff development teacher Jane Riggott met weekly with building service manager Juan Vasquez (now building service manager at Judith A. Resnik ES) and building service night leader Sam McAllister (now building service manager at South Lake) to incorporate Baldrige processes and quality tools.

The responsibility for clean restrooms belongs to everyone, so a plan involving all stakeholders was developed.

Building service area supervisor James Bishop visited South Lake, meeting with the team to delineate how a restroom should look. To gather more input, all classes conducted a plus/delta study of student restrooms. South Lake's Morning News Team did a segment in which McAllister explained for students everything that went into having a clean facility. A rubric was developed using the information.

Restrooms are inspected by building service personnel midmorning and midafternoon. With very few exceptions, all restrooms are consistently earning a "3." It's not unusual to overhear students remind each other to make sure the restroom is a "3" before they return to class.

At the December training, McAllister shared with building service leaders how the process worked at South Lake. "He encouraged others to be creative, to think outside the box," said Hurd. "It's astounding how they involved everyone at South Lake and created pride in the school."

Through sharing experiences such as South Lake's, Hurd hopes that more building service managers can understand what Baldrige is and how it can help improve the performance of their school. "It's all for the kids," Hurd said, "each one of us knowing where we fit and what it is we do to provide success for every student."

For more information about Baldrige training for building service staff, call Hurd at 301-279-3809. □



In person & print

Judy Duffield, staff development specialist, and Sharon Hemphill, director, Staff Development Teacher Project, published an article in the Winter 2007 edition of *JSD*, the journal of the National Staff Development Council. "Nuts & bolts of a district improvement effort in

Maryland centers on the Staff Development Teacher" describes the evolution, operation and impact of MCPS's Staff Development Teacher Project.

Ann Goode, counselor at Magruder HS, has an article featured in the January 2007 edition of *Washington Parent* magazine. The article, "The Path to College: Putting It Into Perspective" also can be read at www.washingtonparent.com.

Caroline Levine, retired MCPS reading specialist who is in her third year of volunteering at the Carl Sandburg Learning Center, has had a book published by the Autism Asperger Publishing Company. *Jay Grows an Alien* is a short science fiction novel about a boy with Asperger's who comes to appreciate the positive aspects of his autism. For more information, e-mail carolinelevine@gmail.com. □

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