

Argonne helps American Le Mans Series go for the green



A Chevrolet Corvette (bottom) and a Porsche RS Spyder (top) were the two winners of the Green Challenge at Road Atlanta Oct. 4. Photo courtesy of ALMS.

By Else Tennesen and Eleanor Taylor

A new environmentally conscious international sports car racing event has just been given the green flag. As it celebrates its 10th season of world-class sports car racing, the American Le Mans Series (ALMS) debuted its Green Challenge with assistance from the U.S. Department of Energy (DOE), Argonne, the U.S. Environmental Protection Agency (EPA) and the Society of Automotive Engineers (SAE) International.

The inaugural Green Challenge took place at this year's Petit Le Mans race, the American Le Mans signature event, on Oct. 4 in Atlanta. Fourteen different manufacturers were represented by the competing cars, which were grouped into four classes and used combinations of three different renewable fuels and electricity.

This historic competition used more than just speed to determine the winners — a Porsche RS Spyder in the Prototype class and a Chevrolet Corvette in the Grand Touring class. In the race itself, the Porsche finished third in its class and sixth overall while the Corvette finished first in its class and tenth overall. Even though the Corvette did not win the race, Tom Wallace, General Motors Global Vehicle Chief Engineer for Performance Vehicles, called the Green Challenge “Corvette Racing’s greatest victory.”

The Green Challenge recognized innovations in science, technology and engineering by measuring the energy efficiency, petroleum displacement and greenhouse gas emissions of each car during the 1,000-mile race.

“The U.S. Department of Energy and Argonne National Laboratory are pleased to join the U.S. Environmental Protection Agency and SAE in awarding the first ever Green Racing Challenge Championship Award in partnership with the American Le Mans Series,” said Bob Larsen of Argonne’s Transportation Technology R&D Center. “Green Racing and our partnership represent a tremendous opportunity to demonstrate that efficient automotive technologies can meet the performance requirements of even the most demanding customers.”

Larsen led the effort by SAE’s Green Racing Working Group and ALMS to develop the technical basis of the Green Challenge and the formula to determine the winner. The result is a scoring system that ranks cars according to the amount of energy used, greenhouse gases emitted and petroleum consumed, setting a new standard for measuring environmental impacts and introducing a new dimension to motorsports racing.

Calculations for the formula include a distance- and speed-compensated energy-efficiency component and a well-to-wheel analysis that accounts for all the greenhouse-gas emissions and petroleum energy required to extract, refine and use the various fuels. Race organizers calculate a principal component of each car’s score by using Argonne’s Greenhouse gas, Regulated Emissions, and Energy use in Transportation (GREET) model to accurately compare the environmental performance of each car.

The group also relied on Argonne’s **See “Le Mans” on page 3**

See “Laboratory Management System: status and next steps” on page 3

DOE selects Argonne to develop tools to collect ocean data

By Angela Hardin

Argonne was awarded a \$2.6 million-a-year contract by the U.S. Department of Energy to expand DOE’s ability to take the most reliable measurements in and above the Earth’s oceans. Such information is critical for advancing scientific knowledge of Earth systems and building climate models that are more accurate, comprehensive and robust.

The long-term project to design, build and operate a second Atmospheric Radiation Measurement mobile facility, known as AMF2, is being led by Argonne atmospheric researcher Brad Orr and Argonne meteorologist Richard Coulter.

ARM2 will complement the ARM Climate Research Facility (ACRF) fixed sites and the original AMF facility, which is used only for land-based projects that collect atmospheric property measurements in regions across the globe.

“The new instrumentation that will outfit ARM2 will be able to collect infor-

mation while stationed both on land and sea,” Orr said. “Until the ARM2 project, there has been no accurate way to collect marine-based measurements because of the motion of ocean waters. Motion disrupts the ability to collect accurate measurements. ARM2 instruments, especially those that are position-sensitive, will be built on stabilized platforms that are able to mitigate the impact of the water’s motion on the quality of the data that is collected.”

“The instrument,” Coulter said, “that collects water-specific measurements like temperature, salinity, current speed and ocean turbulence will also be used in the ARM2 to help characterize the interface of the ocean and atmosphere.”

The ability to collect atmospheric data over oceans is not new; however, such data have been gathered by a variety of research groups using different instruments that were not ideally suited for the task.

ARM2 will also be smaller and **See “ARM2” on page 2**

Joseph Harmon wins 2008 NCTE award for technical and scientific communication

Joseph E. Harmon (TSD) has won a 2008 National Council of Teachers of English (NCTE) award for “Best Book” in technical and scientific communication. He co-edited the winning anthology, “The Scientific Literature: A Guided Tour” (University of Chicago Press), with Alan G. Gross, professor at the University of Minnesota.

The book presents an overview of scientific communication from the first research articles to the present. A collection of short excerpts from more than 100 scientific articles was chosen to represent the broad sweep of discoveries in modern science, from Newton’s theory of light to the decoding of the human genome. Also reproduced are 60 tables and illustrations.

Appearing in this anthology are the original words and images related to paradigm-shifting discoveries by illustrious scientists like Robert Hooke, Isaac Newton, Caroline Herschel, Antoine Lavoisier, Charles Darwin, Dimitri Mendeleev, Marie Curie, Albert Einstein, Enrico Fermi, Werner Heisenberg, Lise Meitner, Linus Pauling, Richard

Feynman, Francis Crick, James Watson, Barbara McClintock and Paul C. W. Chu. Also displayed are selections typical of normal science through the ages.

Accompanying each selected passage or image is an extensive commentary that explains its scientific and historical context and analyzes its communication strategy. “Our aim,” Harmon said, “is to reach the general reader interested in science, scientists interested in their literary legacy, and students and teachers who are looking for an accessible treatment of scientific thinking and writing over the last four centuries. Our ultimate goal is that readers will experience the deep satisfaction we have had reading original scientific articles of the past.”

The book was reviewed in the journal *Nature* in August 2007.

Since 1911, NCTE has worked to advance teaching, research, and student achievement in English language arts at all scholastic levels. Their annual technical and scientific communication awards **See “Harmon” on page 3**

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UChicago
Argonne LLC



Argonne's online Open Enrollment begins today

Open Enrollment for Argonne's medical plans, student verification, and flexible spending accounts will be held Monday, Nov. 3 through Wednesday, Nov. 26. Read the Open Enrollment cover letter carefully as it provides information on the 2009 rates, plan changes, enrollment in flexible spending accounts (FSA) and student verification. Employees with e-mail should receive their open enrollment information by e-mail Nov. 3. Employees without e-mail will receive paper copies of the Open Enrollment information at their home address. Anyone who does not receive these materials by Monday, Nov. 10, should contact Marge Vaught (HR) at mvaught@anl.gov or ext. 2-2985.

Employees wishing to participate in the FSA for 2009 must enroll during Open Enrollment.

All Open Enrollment transactions must be completed online. The Open Enrollment Web site can be reached at through Inside Argonne. Employees' Argonne login ID and password must be used to access the site. Contact the CIS help desk at ext. 2-9999, option 2 for assistance with passwords. Employees who do not have access to a computer can use computers available in Human Resources, Building 201, Room 1K-03. HR representatives will be available for assistance. Employees will need their login ID and password. Any changes made during Open Enrollment will be effective Jan. 1, 2009.

Representatives from BCBSIL PPO, the HMOs and Argonne Benefits will be in the Building 213 Cafeteria Nov. 4, 5 and 6, from 11:30 a.m. until 1:30 p.m. to answer questions about their plans. ▀

Flexible spending accounts can save up to 40 percent on medical expenses

Employees can save up to 40 percent on everyday health expenses by enrolling in a Health Care Flexible Spending Account (FSA) for 2009. A flexible spending account can help save on expenses such as prescriptions, aspirin, routine vision care, eyeglasses, contacts, co-pays and dental expenses.

Employees can also save on child care expenses by joining a Dependent Care Flexible Spending Account. How much employees can save depends on how much they spend on health and dependent care and on their tax situations. For every \$100 of eligible ex-

penses, most people will save between \$30 and \$40 in taxes.

Saving is simple. When enrolling in the program, employees set aside some portion of their pay before taxes to use on eligible expenses. The more employees put in, the more they can save — up to thousands of dollars. Federal law requires that account funds remaining at the end of the plan year be forfeited, so contributions to the FSA should be carefully planned.

To set up a 2009 FSA, enroll online during the Open Enrollment period of Nov. 3 - 26. ▀

Student Verification for medical plans must be made during Open Enrollment

During Open Enrollment, employees with dependent children turning ages 19, 20, 21, 22 or 23 in 2009 must go online to verify student status. Any employee whose dependent child will turn one of the ages listed who doesn't verify student status will not have medical, dental, and prescription drug benefits for that child as of Jan. 1, 2009.

Online student verification is required even for employees who do not change medical plan options.

HR-Employee Benefits will no longer send reminders for employees who do not verify the status of their dependents online.

To complete student verification:

- Go to Inside Argonne
- Under "My Argonne," log in using your Argonne domain name and pass-

word. For assistance, call the CIS help desk at ext. 2-9999, option 2.

- Click "Benefits" on the left navigation menu.
- Click "Open Enrollment" menu item on left navigation menu.
- Select "Health Benefits" from the left menu.
- Select "Verify Full-time Student Status" and complete requested information.
- Click "Save."

Any questions on student verification should go to Employee Benefits, ext. 2-2989. Employees without computer access may use computers available in Human Resources, Building 201, Room 1K-03. ▀

inside.anl.gov

ARM2



The U.S. Department of Energy's second Atmospheric Radiation Measurement, known as ARM2, will have its first deployment at the Desert Research Institute's Storm Peak Laboratory, a cloud and aerosol research facility near Steamboat Springs, Colo. The project will run from October 2010 through March 2011.

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easier to deploy than the original ARM facility, which will remain in commission, and will be able to continuously collect atmospheric data, Orr said. The ARM2 project will be completed and ready for operation by October 2010. Its first deployment will be to the Desert Research Institute's Storm Peak Laboratory (SPL), a cloud and aerosol research facility near Steamboat Springs, Colo.

"The SPL experiment will address the critical shortage of correlative data

that can be used for development and validation of new climate model algorithms," said Doug Sisterson, an Argonne meteorologist and DOE's ACRF operations manager. "The correlative data sets will make it easier to convert remote measurements to cloud properties." Such data sets are typically created by episodic and expensive measurements taken by an aircraft; however, the SPL experiment could potentially create a data set that would take between 200 and 300 flights in liquid and mixed phased clouds. ▀

Share a safety story, earn lunch at cafeteria

If you have a safety story you can share on video, contact Andrea Cipriani (C&PA) at ext. 2-4593, acipriani@anl.gov or safetyshare@anl.gov. We're especially looking for employees who have had a slip or fall at work or at home, and can speak about prevention.

A few minutes of your time will help keep your fellow employees safe — and as an added incentive, earn you a free lunch at the Building 213 Cafeteria.

Safety Share videos are created by Communications and Public Affairs and EQO Training. The videos are approximately two minutes in length and consist of Argonne employees sharing their stories about safety incidents that have happened to them. Videos will be posted on the "Safety Share" section of Inside Argonne and are visible to employees only. ▀

www.anl.gov/EQO/SafetyShares/

Van pool saves commuter \$200 per month



This van pool of DOE employees saves hundreds of dollars in fuel costs each month. In back is driver Kelly Lieser; in front, from left, are Portia McCoy, LaShawna Robinson and Jo-Ann Hunigan. Not pictured: Shawna Weekley. Photo by Dave Jacqué.

Despite an easing of gas prices in the past month, van pools can decrease commuting costs by as much as 50 percent.

Pace, the suburban transit system, offers a traditional van pool designed to transport 5-13 people to work in a Pace van. Employees who live and work near one another and share similar schedules can form a group; Pace provides the vehicle and each rider pays a low monthly fee based on distance and number of partici-

pants. This covers all costs including gas, maintenance, insurance, tolls, roadside assistance and washes. One participant volunteers to be the primary driver. He or she does not pay a fare and can use the Pace van for up to 300 personal miles a month. Backup drivers receive a \$10 per month discount.

Kelly Lieser, who works in DOE's Chicago Office, is a van pool driver. Each morning she departs from her home in Frankfort, picks up four passengers at a rendezvous point and heads for Argonne.

"It's convenient, and it only takes an additional 10 minutes," said Lieser, who estimates she saves \$200 a month in fuel costs on the daily 54-mile round trip. As a driver, she can use the van to run errands at lunchtime, too.

The group is flexible with departure times and understanding if one member has to be a few minutes late. "It just takes a phone call," Lieser said. "Good communication is the key."

Lieser's van pool has room for additional riders. For more information, contact her at kelly.lieser@ch.doe.gov or ext. 2-2740.

More information about the Pace van pool program is online; the Argonne Carpool Connection can help employees find potential car- and van-pooling riders. ▀

www.pacebus.com/sub/vanpool/traditional_vanpool.asp

inside.anl.gov/community/carpool.html

Laboratory Management System: status and next steps

By Steve Richardson

The majority of the Laboratory Management System (LMS) effort to date has been accomplished by the 17 core process teams established in September 2007. There were 217 core process team members; about 60 percent were from operations divisions, and the rest from the programmatic divisions. The teams documented the laboratory's processes to reflect how we do business today. As mentioned in the last article in this series (*Argonne News*, Oct. 20, 2008), many of our processes were ad hoc and not in writing. These documented processes were mapped out in flow charts, which were then used to create new procedures.

The next step was to assign objectives and measurements to each process, which will be used to measure the success of the process: is it producing the desired results?

Most of our current measurements reflect the output of our processes: research results, financial management, compliance with procurement and environmental targets and regulations. We now want to evaluate the efficiency of how well we produce the output.

To complete the documentation process, we are aligning all of our committees, policies, procedures and prime contract clauses to one of the core processes. This will provide an integrated picture for a process.

We have also piloted the new governance approval process to evaluate how it will work and identify early on what might not work. One of the first issues to go through the process

involved Work For Others, as described in the Oct. 20 edition of *Argonne News*.

As the teams collect and organize the documentation, the laboratory established a Transition Team to create a plan for implementation of the new management system. The team looked at communication, education and internal assessments. Our communication plan focused on employee and management communication and our use of the new LMS Web site to disseminate information on why, how and the future. An education plan has been created for employee training across the laboratory and specific education for management. In the near future, the education plan will be rolled out and individuals will be notified of what training they will need. The assessment plans deal with evaluating our new system for compliance with the ISO 9000 and ISO 14000 standards. These are internal assessments that will help us identify gaps where we may not meet standards and provide guidance for bringing systems into compliance.

The final step will be the actual external third-party certification audit. This audit team will look at our compliance to the standard and evaluate, through objective evidence, that we are implementing the system based on the ISO standards.

All documentation must be completed by end of November; the internal assessment is to be complete by mid-January and the certification audit completed by end of March 2009.

For more information on LMS and the full text of previous articles in this series, visit the LMS Web site at inside.anl.gov/lms/. ■

Le Mans



Steve Wesoloski, GM Racing Road Racing Group manager, hoists General Motors' Green Challenge Trophy. Photo courtesy of ALMS.

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extensive experience in organizing and executing vehicle competitions. For more than 20 years, Argonne has been running collegiate competitions focused on developing and demonstrating advanced propulsion technologies and renewable fuels. Many of the innovations in today's vehicles sprouted from similar competitions that test and refine advanced technologies developed in the laboratory.

"The challenging conditions in ALMS' endurance races, which can last up to 12 hours, put new technologies to the test in the real world to prove their effectiveness," said Larsen. "The Green Challenge provides an outstanding opportunity to demonstrate green technologies and fuels that will soon appear in the vehicles that people will drive every day."

Spectators at the race also said the Green Challenge encouraged innovations that could help to alleviate America's energy crisis. "If they can transfer that technology to the general public, it's something we can all benefit from," said Mark Register of Jacksonville, Fla.

The Green Challenge will become a full-season feature in 2009, when all teams will compete for a season-long Green Challenge Championship sponsored by DOE, EPA, and SAE International.

Argonne's transportation research is sponsored by DOE's Office of Energy Efficiency and Renewable Energy's Vehicle Technologies Program, which supports the development of more energy efficient and environmentally friendly transportation technology that will enable America to use less petroleum. ■

WIST to host panel discussion on career strategies

Argonne's Women in Science and Technology (WIST) program will sponsor a panel discussion, "Strategizing about Careers: A Conversation with Argonne Divisional Leaders" Monday, Nov. 10.

The panel discussion will begin at noon in Building 212, Conference Room A157. All employees whose schedules permit are invited to attend.

The panel will present an insider's view on the tools and skills necessary for a successful and rewarding career at Argonne and elsewhere. Discussion will focus on career strategy topics such as:

- How to get research funded
- What's the promotion process: Is there a timeline?
- Keeping work and family in balance
- How to be entrepreneurs
- Networking: Is it important?
- Are there different career tracks to pursue?
- How to redirect a career and be competitive

Panel participants Carol Giometti (BIO), Pamela Sydelko (DIS), Michael Pellin (MSD) and John Quintana (APS)

will briefly introduce themselves and then answer questions from the moderator and the public. Those planning to attend are invited to submit questions at the meeting or in advance; contact moderator Cristina Negri (ES) at negri@anl.gov.

Since 1990, Argonne's Women in Science and Technology (WIST) program has been supporting the U.S. Department of Energy's and Argonne's commitment to recruit, retain, and promote women to diversify and strengthen the technical workforce. WIST also organizes award-winning outreach initiatives to nurture future generations of women scientists and engineers. WIST works towards creating a sense of community of and for women at Argonne. WIST is looking forward to the participation of both men and women at the laboratory to power its initiatives.

Opportunities to volunteer will be advertised in *Argonne Today* and *Argonne News*. To receive up-to date WIST news, subscribe to WISTTalk by following the directions at www.wist.anl.gov/wisttalk.htm. WIST welcomes input; please direct questions, feedback and ideas regarding current or new WIST activities to Cristina Negri at negri@anl.gov. ■

Mailroom moves to Building 46

The Argonne Mailroom has moved from Building 340 to the Shipping and Receiving Center in Building 46. There

will be no changes in service.

For more information, call ext. 2-2950.

Harmon

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identify exemplary books, collections, and articles in technical and scientific communication.

Winners will be announced at the 2008 conference of the NCTE in San Antonio, Friday, Nov. 21.

Harmon was also invited to speak at the 2008 Society for Technical Communication's annual conference, which was held in Philadelphia in June. He was one of the few members invited to speak and given an honorarium. ■

New contribution limits take effect in 2009

Below is information regarding limits for 2009 as they apply to retirement plans, Social Security and the 457(b) Deferred Compensation Plan.

Retirement plans

- 403(b) elective deferral limit
2008: \$15,500
2009: \$16,500
- 403(b) catch-up contribution limit for age 50 and older
2008: \$5,000
2009: \$5,500

Social Security

- Taxable wage base
2008: \$102,000
2009: \$106,800
- Maximum tax
2008: \$6,324
2009: \$6,622

457(b) deferred compensation

- 457(b) deferred compensation plan limit
2008: \$15,500
2009: \$16,500

If you want to make sure you will be contributing your allowable maximum limits to the retirement plan in 2009, go to My Argonne and see if your contribution is set for maximum.

To do this, go to Inside Argonne and log in with Argonne domain name and password.

- Click on "Benefits"
- Click on "Retirement"
- Click on "Change my Retirement Contribution Percentage"
- Verify the "Maximum" box is checked. If you are eligible, two additional catch-up elections, age 50 and 15 years of service, will show on your screen for additional participation elections.
- Click "Submit" ■

Shuttle Bus schedule to change

The University of Chicago-Argonne shuttle bus schedule will be revised to bring the cost and schedule in line with use and demand.

Based on a ridership survey performed to determine changes that would result in the least impact on service, the following changes will be made:

- Mid-day shuttle trips will be eliminated. The bus will make one trip from the university to Argonne and back during the morning, and one trip from the university to Argonne and back in the evening.

- Shuttle service will be provided on Mondays, Wednesdays and Fridays only from September through April.

- From May through August, the shuttle will operate every work day to accommodate the increase in student riders.

The changes will take effect Monday, Nov. 3. The new schedule can be found online.

www.anl.gov/Visiting/shuttle.html

2008 performance appraisal process hits halfway mark

The laboratory is more than halfway through this year's performance appraisal cycle.

Since the performance appraisal web application opened Oct. 1, employees have had access to their own performance appraisals to enter draft achievements and goals and submit these entries to their supervisors. At this point in the performance appraisal process, supervisors are completing the performance appraisals and submitting them for second-level supervisor approval and division review.

Next steps for supervisors

- After division approval and associate laboratory director release, you may release the completed performance appraisal electronically to the employee to view/print.

- After you meet with the employee to discuss the performance appraisal, you must electronically document the date of the meeting. At this time, you are also able to add comments and edit the employee's section 3 goals.

- After the employee electronically signs, the performance appraisal is com-

plete and forwarded to HR.

Next steps for employees

- After your performance appraisal is approved, you will receive an e-mail letting you know that you may now view/print your performance appraisal on the Web application.

- Next, you will have a conversation with your supervisor to discuss your performance appraisal and goals for the next fiscal year.

- After the meeting, you'll receive another e-mail letting you know you can sign your performance appraisal electronically.

All performance appraisals are due electronically to Human Resources by Monday, Dec. 15. More instructions and information are available on Inside Argonne. ▀

inside.anl.gov/hr/performance_appraisals/supervisors.html

inside.anl.gov/hr/performance_appraisals/employees.html

Argonne and Met Lab workers may be eligible for compensation

Argonne will host presentations about a program designed to compensate certain workers exposed to, or made ill by, radiation or beryllium while working in the nuclear weapons industry for the U.S. Department of Energy. Some current and former workers at Argonne and the Metallurgical Laboratory are eligible to file claims for benefits under the Energy Employees Occupational Illness Compensation Program Act (EEOICPA). Specified survivors may also be eligible

for compensation.

Presentations will be held at 11:30 a.m. and 12:30 p.m. Monday, Dec. 1, in the Building 213 Cafeteria. There will be a brief description of the program and a question-and-answer period.

A worker or former worker may be eligible for benefits if he or she has or had radiation-induced cancers or beryllium diseases and was exposed to radiation or beryllium while working in the nuclear weapons industry for DOE.

EEOICPA was enacted to provide compensation and medical benefits to employees who worked at certain DOE facilities, including contractors, subcontractors and certain vendors.

More information is available by calling (866) 534-0599 or on the Department of Labor's Web site. ▀

www.dol.gov/esa/regs/compliance/owcp/eeoicp/main.htm

Classified ads

MISCELLANEOUS

AQUARIUM – 55 gallon aquarium with cast iron stand, full light kit, and some accessories. \$100 OBO. Ray Ziegler. (815) 436-4515.

EASEL – for presentations, two years old, never used, with paper and markers. \$10. Jay Johnson. (630) 378-1248.

TV AND STAND – 32" color TV with remote control, good condition. \$50 OBO. Corner TV stand with console/media shelf, oak finish. \$30 OBO. Patti Pedernana. (815) 834-1420.

MISCELLANEOUS – Antique electronic testing equipment, kits, amplifiers, etc. Call for complete list and prices. Tad Jesionowski. (630) 961-9187.

ENTERTAINMENT CENTER – Dark cherry finish with lighted glass doors and shelves, 66 inches by 78 inches. \$200. Colleen Tobolic. (815) 439-1604.

MICROPHONE – Wireless head-worn microphone system- Shure UT series, excellent working condition. \$80. Jay Johnson. (630) 378-1248.

BIKE RACK – Graber four-bicycle

carrier rack, mounts in a 2-inch receiver hitch. \$85. Rich Ferry. (815) 838-7259.

MISCELLANEOUS – Werner six-foot aluminum step ladder. \$30. Wood piano bench in excellent condition, storage under seat. \$25. Nicole Green. (815) 462-4272.

MISCELLANEOUS – New Remington 476 Power hammer with nail fasteners, still in package. \$40. Tappan stove/oven and General Electric fridge \$55 each or both \$100. You haul it. Paul Blickhahn. (815) 588-2214.

AUTOMOBILES

2000 TOYOTA – RAV4, red/silver. Excellent condition. Regular dealer service throughout. Kelley Blue Book suggested retail value: \$8,290. Will sell for \$7,000 OBO. Maryka Bhattacharyya. (630) 605-6913.

2001 NISSAN – Pathfinder LE 3.5, 158K miles, silver, four-wheel drive, leather seats, CD changer, heated seats, sunroof, power seats/doors and windows and several other upgraded options. Original owners, excellent condition. \$6,800. Anne Owens. (815) 609-2480.

2001 FORD – Focus ZX3, 100,000 miles, available Dec. 5. KBB price is \$3,800. \$3,300. Paolo Messina. (312) 404-3379.

2000 SATURN – SL1, front wheel drive, 96K miles, 4 door, garage kept, no rust and in excellent condition, beige color. \$3,700. Maria Heinig. (708) 645-0406.

HOUSING

TOWNHOUSE/SALE – 3BR, 1.5 BA, two-car garage. Brand new carpet, never been lived in, SD 308 (Oswego), Kendall County, fresh paint, ready to move in. Tell your friends. Price more negotiable if you're without a realtor. See link for pictures! E-mail me for more; I have plenty. New lower price! chicago.craigslist.org/wcl/reb/855694674.html Michael Rosenow. (630) 430-7362.

HOUSE/RENT – Unfurnished, 3 BR, 2 BA, finished basement. 2 1/2 car detached garage, large backyard, appliances included. 1.8 miles from Argonne. \$1,600/month plus \$1,600 security deposit. Ron Shepard. (630) 312-8506 or peggy-shepard@comcast.net.

TIMESHARE VILLA/RENT – Orlando/

Employees' children eligible to compete for University of Chicago scholarships

Children of full-time, regular Argonne employees are eligible to compete for full-tuition scholarships under the University of Chicago/Argonne Scholarship Plan.

To be awarded a scholarship, the student must be accepted for freshman admission to the University of Chicago and must be among the most qualified applicants from Argonne families as judged by the university.

Applicants are required to complete the Common Application and the University of Chicago supplement, both available on app.commonapp.org. Though the University of Chicago prefers for applicants to apply online, paper versions of the application and supplement can be printed from their Web site. Students who wish to compete for a scholarship are required to complete a verification form that must be validated by Argonne's Division of Educational Programs (DEP) and received no later than Monday, Dec. 1. Verification forms are available in the DEP Division Office, Building 223, Room M-125 or by calling Carol Reynolds at ext. 2-4114.

This scholarship plan will provide full tuition payment. The university will continue to provide one-half tuition remission to dependent children of full-time, regular Argonne employees who are admitted for study in the college or the laboratory schools of the university. For information on the tuition remission program, call Performance Development in Human Resources at ext. 2-3410. For information on University of Chicago admissions, contact Holly K. M. Bland, assistant director of admissions, at hkbland@uchicago.edu or (773) 834-8223. ▀

Disney timeshare rental, 2009 spring vacation - Westgate Vacation Villas, one mile from Disney gate, 2BR/2BA (sleeps 6-8), luxury villa accommodations, 13 pools, tennis, kids activities, available April 3-11, 2009 (before Easter week). \$1,000 (\$143/nt). Cindy Baebler. (630) 553-1328.

TOWNHOUSE/SALE OR RENT – 3BR, 2.5 bath, two-car garage, hardwood floors, fresh paint, backs to pond, end unit, cul-de-sac. Close to shopping mall, train station and highway, 15 miles to Argonne. For pictures see www.rentalhouses.com/view_listing.php?id=219939. \$200,000 OBO or rent for \$1,350/month. Hairong Shang. (630) 660-3854.

APARTMENT/RENT – 2BR in Darien, 5 minutes from the lab at Cass and Concord. \$1,025/mo. Konstantin Ignatyev. k.ignatyev@gmail.com.

HOUSE/RENT OR SALE – Two-story house in Naperville for rent or sell, 4BR, 4.5BA, finished basement, hw floors throughout, new granite kitchen, 9' ceilings, Neuqua Valley Sch., large fenced yd, pool and tennis club house. \$2,500/mo. Liying Ren (630) 579-4305. ▀