

Study finds improvements in environmental management of coal combustion wastes

A new report prepared by the Environmental Science Division at Argonne has the potential for far-reaching impacts on the electric utility industry. It concludes there has been improved management of coal combustion wastes (CCWs) in landfills and surface impoundments over the past decade.

Based on the new report, the U.S. Environmental Protection Agency (EPA) is expected to reassess its previously issued determination regarding the need for national regulations to manage CCWs generated by electric utilities. The report serves as the cornerstone of an upcoming notice of data availability through which EPA will make this new information available to the public.

In 2000, the EPA determined that a need existed for national regulations to address CCW disposal in landfills and surface impoundments as nonhazardous waste under Subtitle D of the Resource Conservation and Recovery Act. This determination was based on management practices and state regulations in effect prior to 1995.

The U.S. Department of Energy (DOE) suspected that after 1995, CCW management practices and state regulations had improved enough that environmental exposures were mitigated, minimized or possibly eliminated. DOE officials were concerned that stricter federal standards, which states would be required to implement, could increase energy costs for consumers without corresponding improvements in human health or environmental quality. As a result, DOE and the EPA agreed to have Argonne researchers study recent and current CCW management practices.

The resulting joint Department of Energy-EPA report, *Coal Combustion Waste Management at Landfills and Surface Impoundments, 1994-2004*,



documents the findings of that study. Three areas of interest were addressed:

- Recent and current industrial management practices for disposal of CCWs in surface impoundments and landfills,
- State regulatory requirements for CCW management, and
- Implementation of state requirements (i.e., the extent to which states grant or deny operator requests for variances from regulatory requirements and the rationale for doing so).

“The study is unique in that it included wide input from non-government organizations, industry and states, as well as the EPA and the Department of Energy,” said Debbie Elcock of Argonne’s Environmental Science Division. Elcock was the study’s principal investigator.

The report findings were based on the compilation and analysis of raw data for 56 disposal units collected by the utilities’ largest trade association and by the EPA; the search, compilation and analysis of regulatory requirements in 11 states with high coal combustion rates; and a review and verification of 65 permits covering CCW disposal units

in 16 states. The study produced the following key findings:

- Disposal management practices and the enforcement of state requirements have resulted in liners for virtually all newly built or expanded units (97 percent of landfills and 100 percent of surface impoundments) and groundwater monitoring for the majority of such units (97 percent of landfills and nearly 80 percent of surface impoundments).
- Between the time when data were collected for the 1988 report to Congress and the time of this study, a majority of the 11 states reviewed tightened regulation of landfill liners, leachate-collection systems and groundwater monitoring.
- A detailed analysis of variance requests in 65 permits in 16 states indicates that state regulators have not issued variances without a sound scientific basis supporting the request. The report is available online. ■

http://www.fossil.energy.gov/programs/powersystems/pollutioncontrols/coal_waste_report.pdf

Immediate call to 911 saves employee

ANDREA CIPRIANI

As a result of the laboratory’s highly trained responders and modern equipment, an employee was given prompt emergency medical care that saved his life.

Recently, an employee suffered from a pulmonary embolus, or blood clot in the lungs, while working on site. “Symptoms of a pulmonary embolus can be compared to those of a heart attack,” said Jamie Stalker, Medical Department director. “The person may have a sudden onset of shortness of breath, acute chest pain that is focal or radiating, elevated pulse, rapid breathing, nausea and sweating. If an employee experiences chest pain with or without any of the other described symptoms, he or she should call 911 immediately.”

In this particular incident, a co-worker quickly responded to the emergency by calling 911, and medical help was on hand within minutes. “Employees should not hesitate to call 911 for any emergency, no matter how small. We are able to reach most emergencies at any location on site within three to four minutes,” said Argonne Fire Chief Gordon Veerman. “We have highly trained paramedics, hazmat specialists, updated equipment and state-of-the-art heart monitors and defibrillators ready to assist any employee at any time. Calling 911 gets everyone moving as quickly as possible to help the employee. On one occasion, an employee was able to be revived thanks to our quick response time, equipment and dedicated staff.”

Employees can dial 911 from any Argonne phone on site. To report an emergency from any non-Argonne or cell phone, dial 1-630-252-1911. Dialing 911 triggers a group alerting system that involves the fire, security and medical departments, among others. Use 911 to report a fire, accident, injury, sudden illness or any other possible emergency. ■

Fermi lecture to focus on advances in cosmology



Meyer

THE impact of satellite observations on scientific understanding of the early universe will be the topic of the 2007 Enrico Fermi Lecture in Physics, to be held at Argonne

Tuesday, Feb. 27.

University of Chicago professor Stephan Meyer will present “Results from the Wilkinson Microwave

Anisotropy Probe (WMAP)” at 2 p.m. in the Building 402 Conference Center. All employees whose schedules permit are invited to attend.

Meyer, from the university’s departments of Astronomy and Astrophysics, and Physics, is deputy director of the Enrico Fermi Institute, and associate director of the Kavli Institute for Cosmological Physics.

Meyer’s talk will focus on the WMAP satellite, designed to make

definitive full-sky maps of the cosmic microwave background at large angular scales. The resulting measurements, along with those of other experiments, have helped in the development of a robust model of the evolution of the universe from its first seconds to 100,000 years. The model is based on known nuclear physics, thermodynamics and weak gravity, but it also requires new speculative components like Dark Matter and Dark Energy, and

speculative ideas like an early era of inflation. Meyer will discuss the early universe model, WMAP instruments and measurements, and how they come together to impact cosmology. ■

MORE NEWS AND LATE-BREAKING UPDATES:

INSIDE ARGONNE
www.inside.anl.gov

Wagner, Tiede elected fellows of AAAS

SENIOR chemist David Tiede (CHM) and Chemistry Division Director Al Wagner have been elected fellows of the American Association for the Advancement of Science (AAAS), an honor bestowed upon members by their peers for meritorious efforts to advance science or its applications.

Tiede and Wagner will be recognized for their contributions to science and technology at the Fellows Forum to be held Feb. 17 during the AAAS Annual Meeting in San Francisco. The new fellows will receive a certificate and a blue and gold rosette as a symbol of their distinguished accomplishments.

AAAS is an international non-profit organization dedicated to advancing science around the world by serving as an educator, leader, spokesperson and professional association. In addition to organizing membership activities, AAAS publishes the journal *Science*, as well as many scientific newsletters, books and reports, and spearheads programs that raise the bar of understanding for science worldwide.

Tiede's fellowship recognizes his "significant contributions to understanding structure-function relationships in natural and artificial photochemical energy conversion, particularly through applications of novel approaches to macromolecular structure characterization."

His research is focused on investigating molecular mechanisms for solar energy capture and conversion in both natural and biomimetic artificial photosynthetic systems. Most recently, he and his colleagues have been working to develop X-ray diffraction approaches as a method to directly "see" the dynamics of functional molecular systems and make quantitative comparison to atomic coordinate-based simulations. They hope to better understand the physical principles underlying



Wagner

Tiede

nature's architectures for solar energy conversion, and to apply these to the design of biomimetic systems for solar energy capture and conversion.

Wagner leads Argonne's Chemistry Division, and is an Argonne Distinguished Fellow. His AAAS fellowship recognizes his "distinguished contributions to the fields of theoretical chemical dynamics and chemical kinetics, particularly for applications to combustion chemistry."

Wagner's research concentrates on theories of reaction dynamics and chemical kinetics, especially related to combustion. He also develops parallel computing methods for use in theoretical chemistry. Other areas of interest include electronic structure calculations for lanthanides and actinides and structural models for X-ray scattering off particles.

He has been active in developing and applying methods that treat large-amplitude motion in molecular radicals and the substantial influence they can have on rate constants. He has also been interested in ways to fit potential energy surfaces from discrete points on the surface calculated by quantum chemistry methods. A surface represents the forces that act on each reactant as a function of its location and is the first step in most kinetics and dynamics calculations.

Wagner is also a fellow of the American Physical Society and a member of the American Chemical Society and the Combustion Institute. ■

Counterintelligence Program rated 'excellent'

ARGONNE'S Counterintelligence Program received an overall rating of "excellent" from the U.S. Department of Energy Office of Counterintelligence Inspection Program, only the second time a DOE counterintelligence program has received back-to-back excellent ratings.

An excellent rating was given to the Argonne Counterintelligence Program following the October 2003 inspection. Excellent, the highest rating, is defined as exceeding programmatic requirements and objectives. In addition to the overall rating of excellent, eight of the 12 subprograms also were rated excellent. The remaining four were rated satisfactory.

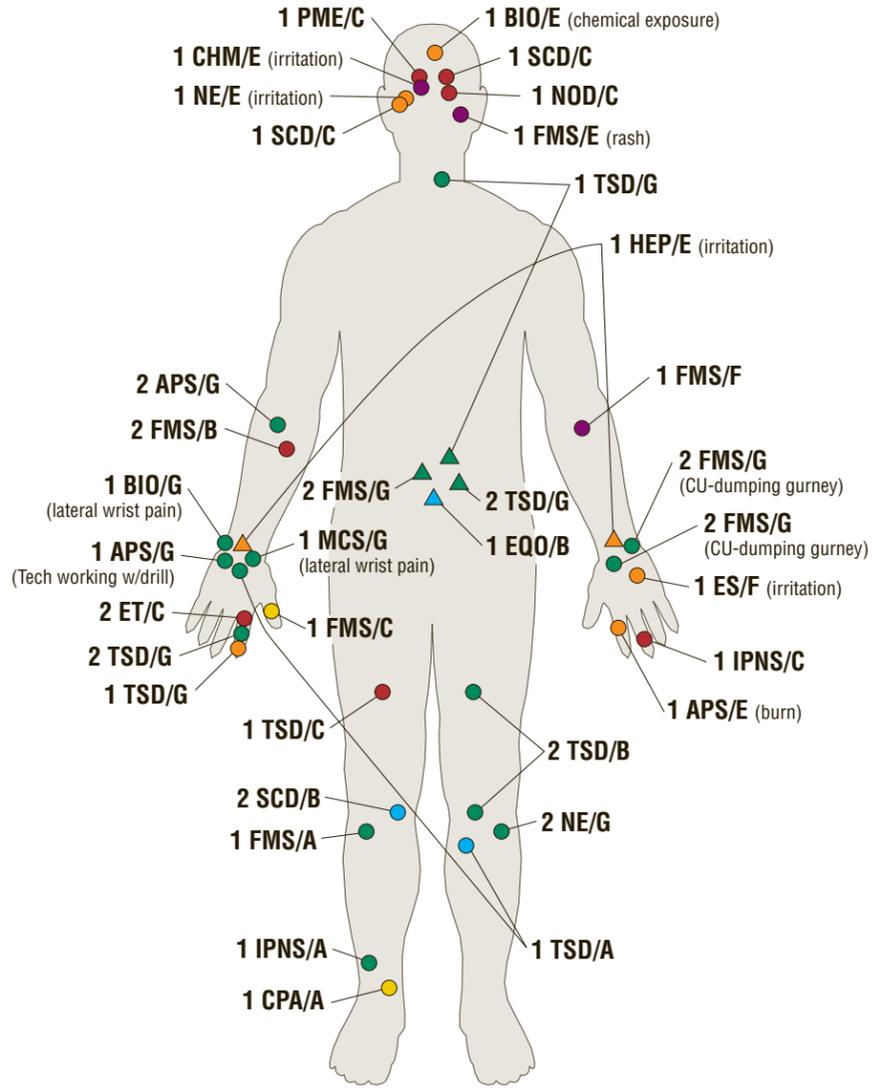
"I could not be any prouder of the Argonne CI Staff," said Argonne Security and Counterintelligence Division Director and Senior Counterintelligence Officer Larry Collins. "What is really significant about this achievement, other than back-to-back top ratings, is that we actually improved our performance over the past three years. Not only

did the number of programs achieving the highest rating increase but all of those programs more heavily rated in importance by the inspectors — for example investigations, analysis, cyber and awareness — received a rating of excellent."

The audit of the Counterintelligence Program took two weeks in October and November 2006 and was completed by five DOE counterintelligence inspectors. Counterintelligence personnel were interviewed, along with many members of the Argonne executive staff and Argonne employees.

"The philosophical approach of our counterintelligence program is that the mission of the lab is science, not counterintelligence. It is imperative we accomplish our mission without obstructing the conduct of the world-class science being achieved at Argonne," Collins said. "I believe we are accomplishing that."

The Counterintelligence Program is not scheduled for another inspection until 2009. ■



OSHA Recordable Injuries for FY 2006

Medical Treatment and DART

ACTIVITY	INJURY LOCATION
A Slip, trip, fall	● Front
B Struck against	▲ Back
C Struck by	
D Caught between	
E Contact with	
F Stung by, insect bite	
G Repetitive motion, over-exertion	
INCIDENT	INJURY
1 Medical Treatment	● Cut, puncture, abrasion, laceration
2 DART	● Contusion, bruise, blunt trauma
	● Fracture, tear
	● Strain, sprain
	● Allergic reaction
	● Other

The above diagram is a representation of OSHA Recordable injuries/illnesses for fiscal year 2006. This diagram differentiates between Medical Treatment cases and DART (Days Away, Restricted or Transferred work) cases. It also makes the direct correlation between the activity an employee was performing and the injury severity that resulted from a particular incident. All incidents are labeled by division, activity, injury location and a short description of the injury.

Daylight-saving time changes may affect some computer systems

SOME older computer systems and hardware devices may be confused when daylight-saving time begins Sunday, March 11, instead of the first Sunday in April.

The 2005 Energy Policy Act, which goes into effect this year, changes the dates of both the start and end of daylight-saving time (DST).

Most modern computer systems and applications have been patched to take these changes into account and should not have a problem negotiating the new DST changes. Older, unsupported systems and some hardware devices may not. Owners of computer and micro processor-based

systems and applications critical for time, business, safety or operations should be aware of the impending changes and assess the compliance of their systems and potential impact.

More detail, including a matrix of known systems and their compliance status, can be found online. CIS personnel are available to assist laboratory staff in assessing the compliance of their systems. Contact the CIS HelpDesk at help@anl.gov or ext. 2-9999 to request assistance.

https://wiki.anl.gov/inside/2007_DST_Preparedness

Silent film night to feature 'Cabinet of Dr. Caligari'



Arts at Argonne will present "And Now for Something Completely Different," an evening of silent-film entertainment, Friday, March 2, at 7:30 p.m. in the Building 402 Conference Center.

David Drazin, official silent-film accompanist for the Gene Siskel Film Center in Chicago, will provide improvised piano accompaniment for the evening's program. The featured film will be "The Cabinet of Dr. Caligari," the classic example of German expressionist film-making from the Silent Era. Also on the program will be selected short films

from American studios.

Single admission is \$5. Visa and Mastercard are accepted. Tickets can be ordered by phone at ext. 2-3751 or by mail (Arts at Argonne, Bldg. 221 - B 111, Argonne, IL 60439). Remaining tickets will be sold in the Building 213 Cafeteria during the week of Feb. 26 between noon and 1 p.m. and at the Auditorium Box Office one-half hour before the performance.

The event is open to the public. Photo ID is required to enter the laboratory site. Call ext. 2-3751 for details. ■

Pioneers plan 22nd reunion

The Argonne Pioneers will hold their 22nd annual reunion dinner Sunday, Oct. 7, at the Orland Chateau Restaurant, 14500 LaGrange Road, Orland Park.

Pioneers include all current and former Argonne, Met Lab, Atomic Energy Commission (AEC/DOE) and Credit Union employees who worked in these organizations between 1942 and 1976. This also includes all present employees with 30 years or more of service. Spouses and guests of those attending are welcome.

The cost is \$25 per person, including tax and tip, for the family-style dinner. Registration and friendship time will be 2-4 p.m., immediately followed by dinner. A cash bar will be available. Music for dancing will be provided.

Reservations must be made by Monday, Oct. 1, because the restaurant requires a firm commitment of the number of attendees. Reservations cannot be accepted nor will refunds be made after that date. Checks should be sent and made payable to Argonne Pioneers Reunion, c/o Evie Fagan, 1032 Pinewood Drive, Downers Grove, IL 60516.

Register using the form below; those who cannot attend the dinner should still fill out the appropriate lines on the form and mail it to Fagan to avoid being dropped from the mailing list.

Argonne Pioneers Committee members are Evie Fagan, Ken Okolowitz, Evelyn Rutkowski, and Mary Ann Tomkins. For more information, contact Evie Fagan at 630-960-5563. No refund can be made after Oct. 9. ■

'Einstein on Race and Racism' topic of Feb. 13 talk

To celebrate Black History Month, the U.S. Department of Energy and Argonne will host a presentation by the authors of "Einstein on Race and Racism," Tuesday, Feb. 13, at 2 p.m. in the Building 213 Cafeteria.

Einstein, Nobel Prize winner in physics and Time magazine's "Person of the 20th Century" took part in anti-lynching campaigns, befriended Paul Robeson and W.E.B. Du Bois, corresponded with the National Urban League, wrote for the NAACP magazine *The Crisis*; and gave a landmark speech at the historically black Lincoln University in Pennsylvania.

The world's preeminent scientist significantly confronted race issues, but this facet of Albert Einstein's life is omitted from "more than one hundred biographies and monographs," say Fred Jerome and Rodger Taylor, coauthors of "Einstein on Race and Racism."

Fred Jerome is the author of "The Einstein File: J. Edgar Hoover's Secret War against the World's Most Famous Scientist." A veteran journalist and science writer, his articles and op-ed pieces have appeared in dozens of publications, including *Newsweek*, *Technology Review* and *The New York Times*. He has taught journalism at Columbia Journalism School, New York University, and numerous other New York-area universities.

Rodger Taylor, a supervising branch librarian with the New York Public Library, is also a freelance writer. His articles on city life, early African American New York, and the African Burial Ground have been published in local newspapers and magazines, including several in *New York Newsday*. ■

Combined Appeal seeks volunteers for 2007 campaign

THE Argonne Combined Appeal (ACA) steering committee is seeking volunteers to serve on the committee to assist in planning and running the 2007 campaign. The committee meets for about one hour once a month, and more often during the height of the campaign.

The Argonne Combined Appeal gives employees a chance to support non-profit health and welfare agencies in the Chicagoland area. Employees can donate money to one or more agencies through either payroll deductions or one-time contributions.

"We are in great need of volunteers as we have had several members who have had to leave the committee," said co-chair Sheila Trznadel (BIO). "With the next campaign just around the corner, there is a lot of work to be done."

"I encourage people to participate on the steering committee," adds co-chair Joe Kilar (EQO). "It is a rewarding experience to know that we're helping people in our communities."

Through employee donations, the ACA has benefited approximately 20 local health and welfare agencies each year for more than two decades. Over the past 11 years, the ACA has raised more than \$4.5 million for these agencies. Employees' contributions provided food for the hungry, shelter for the homeless, sanctuary for battered women and children, education and training for those seeking a better life, living assistance for the physically challenged, treatment for the ill and research toward cures.

Anyone interested in joining the ACA steering committee should contact Trznadel at ext. 2-0662 or Kilar at ext. 2-8862. ■

Added rental-car insurance not reimbursable

LIABILITY and damage insurance for Argonne travelers is automatically included in the laboratory's domestic car rental rates with Enterprise and National Car Rental when reservations are made through the GetThere online booking system or through an Omega World Travel agent. The laboratory cannot reimburse for additional insurance coverage taken on any domestic reservation.

International travel requiring a rental vehicle may require acceptance of basic additional insurance offered by the car rental agencies (including National Car Rental and Enterprise) due to various international laws.

As an additional level of protection, the Argonne-issued US Bank Travel Card includes coverage through VISA on any car rental reservation where additional insurance is not elected. Employees who travel more than twice a year are encouraged to sign up and use the US Bank Travel Card on business trips to receive extra coverage and help the laboratory minimize travel-related risks and expenses. ■

MUSIC FANS, MUSICIANS INVITED TO INFORMATIONAL MEETING

Two informational meetings to gauge interest in forming an Argonne Music Club will be held Wednesday, Feb. 21, at noon in the Building 213 Cafeteria Private Dining Room, and Thursday, Feb. 22, at 5 p.m. in the Exchange Club in the Building 617 Lower Level.

The purpose of these meetings is to discuss the formation of a club to bring together the site's music enthusiasts and musicians. Possible activities include informal "jam sessions," a series of concerts and a bulletin board for musicians to share interests. Instrumentalists and vocalists from any and all types of music are welcome to attend, whether they are interested in blues, jazz, rock, heavy metal, salsa, opera, classical or any other genre.

All interested employees working on site are welcome to attend and contribute their ideas.

NEED A RIDE TO THE UNIVERSITY OF CHICAGO? A FREE SHUTTLE BUS MAKES ROUND TRIPS EVERY WORK DAY. FOR MORE INFO, SEE WWW.ANL.GOV/VISITING SHUTTLE.HTML

NAME OF PIONEER: _____

ADDRESS _____

CITY, ST ZIP _____

I am a "PIONEER" and plan to attend reunion on 10-7-07.
Years Employed: From ___ To ___ Dept/Div _____

I plan to bring my spouse/guest. "PIONEER": Yes ___ No ___
Name of spouse/guest _____

If "yes" - years employed: From ___ To ___ Dept/Div _____

Enclosed is my check in the amount of \$ ___ made out to the Argonne Pioneers Reunion.

I will not be able to attend but would like to be informed of any future events.

I will not be able to attend and would like to be deleted from your mailing list.

Checks should be sent and made payable to Argonne Pioneers Reunion
Mail to: Evie Fagan, 1032 Pinewood Drive, Downers Grove, IL 60516.

Argonne... "For a brighter future"



'NUBIAN ODYSSEY'

Argonne's African-American/Black Club and the Diversity Office sponsored a performance by the Emerson Dance Alliance Feb. 2 to commemorate Black History Month. The dance company performed "A Nubian Odyssey — A Journey of Dance from Africa to America." The Emerson Dance Alliance is a not-for-profit pre-professional company of talented dancers from the Emerson School for the Visual and Performing Arts in Gary, Ind. The dancers range in age from 12-18 and are led by company artistic director Larry Brewer. Each year, a number of Emerson dancers perform with the Alvin Ailey School in New York City, the Debbie Allen Academy in Los Angeles, Ballet Chicago and Deeply Rooted in Chicago. *Photos by George Joch.*

Classifieds

MISCELLANEOUS

MISCELLANEOUS — 10 passes to CPX Sports park, paintball, skate park, mountain biking, passes include admission and equipment rental. Value \$300, asking \$150. Dean Carbaugh, (815) 405-7247.

CAMERA — Nikon Coolpix 5700, very good condition, 5 megapixel, 8x optical zoom, 4x digital zoom, USB, compact flash memory cards, battery charger and extra battery, user manual and software, tripod and camera bag. \$450. Bill Klimowych, (708) 478-7073.

BEDROOM SET — 3-piece, captains bed, 5 drawer chest and computer table. \$300 o.b.o. Mike Guise, (630) 783-9456.

MISCELLANEOUS — 22" Velocity rims with Toyo Proxes tires, only used 8 months, 90 to 95 percent tread remaining. Paid \$3,000; asking \$2,000. Judy Stickels, (815) 423-5039.

MISCELLANEOUS — NEC Multisync 1530V LCD monitor. \$75. Dell nylon laptop bag, good condition. \$15. Palm zire, 72s PDA, silver, software, 128MB SD card, 10 months old. \$129. Xiaofeng Wang, (630) 335-5049.

MISCELLANEOUS — Play Station 2 small version, two controllers — one is wireless, 6 games. \$145 o.b.o. Tim Tess, (630) 833-4586.

MISCELLANEOUS — Canon A-1 camera, Cannon and Kiron lenses, sunpack flash, carry bag and miscellaneous supplies. Best offer. Jim Podraza, (708) 212-5250.

ENGINE CRANE — Wilmar 4,000 lb. capacity heavy duty professional automotive engine crane with 16,000 lb. capacity hydraulic lifting ram, collapsible for compact storage. \$225. Rory Simpson, (773) 562-4210.

BED — Twin size, brass frame, mattress and box spring. \$50 o.b.o. Monica Green, (708) 426-4989.

RUG — Indo-ming wool, handknotted, cream and celadon, 9'x12', excellent condition, needs to be cleaned. \$150. Mike Ferrigan, (630) 852-0674.

MISCELLANEOUS — 40 gallon fish tank with pump. \$15. 60" heavy steelcase desk, black with walnut top. \$75. 2, touring bikes. \$15 each. Heavy duty off road bike. \$45. Mary Ann Bludgen, (815) 741-0274.

AUTOMOBILE

1994 MERCURY — Sable, white, AT, 4 door, new muffler, good condition. \$1,200 o.b.o. Ye Wu, (630) 484-5000.

HOUSING

CONDO/SALE — St. Augustine, Florida, 200 yards from the beach, 2 bedrooms, 2 baths, 1,120 square feet, many upgrades. Valued \$310,000; asking \$285,000. Julie Hlavacik, (815) 741-1361.

LOG COTTAGES/RENT — Door County, Ephraim, WI, 2 to 4 bedrooms, full kitchens, close to harbor/beach. \$750 wk. and up. Gregg Kulma, (630) 810-0270 or <http://www.kulmacottages.com>.

TOWNHOUSE/SALE — Joliet, 2 bedroom, 2 bath, den, 2 car garage, all appliances. Susan Rura, (815) 545-9086.

TOWNHOUSE/SALE — Darien, Woodmere end unit, 2 bedroom, 2.5 bath, loft/office area, 2 car garage, appliances. \$299,000. Judy Chiarelli, (773) 612-0804.

CONDO/SALE — Tinley Park, 2 bedroom, 1 1/2 bath, garage/reserved parking, fireplace, storage room. \$169,900. Jim Podraza, (708) 212-5250.

TO BE GIVEN AWAY

MISCELLANEOUS — Television and component upright storage cabinet, 30" wide x 16" deep x 76" tall, 6 shelves. Ralph Niemann, (630) 985-5745.

CHORD ORGAN — Kimball Swinger 1100, entertainer II. Ralph Niemann, (630) 985-5745.

FIREWOOD — Not hardwood, you saw and haul. Kurt Boerste, (815) 834-1897.

WANTED

GLASSWARE — Large glass bowls or wide vases for flower bulbs. Jill Jonkouski, (773) 586-1664.

BABYSITTER — Speaks Mandarin to watch 9 month-old son, beginning in May, must have legal work permit. Jin Xu, (630) 985-1609.

RETIREMENT PLAN INTEREST RATES

Current interest rates for annuity funds in the staff and non-staff retirement plans are:

VENDOR	RATE	CONTRIBUTIONS FROM	EARNED THROUGH
TIAA Traditional	5.25%	12/01/06 – 1/31/07	02/28/07
TIAA Supplemental	4.50%	12/01/06 – 1/31/07	02/28/07
Prudential Guaranteed (Plans 5017 & 4245)	4.42%	01/01/07 – 03/31/07	06/30/07
Prudential Guaranteed (Plan 7680)	3.75%	01/01/07 – 03/31/07	12/31/08
Prudential Guaranteed (Plan 4643)	3.75%	01/01/07 – 03/31/07	12/31/08
Lincoln National (Old Account)*	3.60%	N/A	03/31/07
Lincoln National (No Load)*	4.00%	N/A	03/31/07

(* No longer accepting contributions)

SERVICE AWARDS FOR FEBRUARY INCLUDE:

40 YEARS

Patricia Krueger (C&PA), David Leach (IPNS), Edward O'Hare (NE)

35 YEARS

Albert Wagner (CHM)

30 YEARS

Theodore Bauer (NE), Mohamed Gohar (NE), David Pepalis (EQO), Mary Sleezer (CIS)

25 YEARS

Ewing Lusk (MCS)

20 YEARS

James Johnson (FMS), Glenn Kailus (FMS), Robert MacDonald (CHM), Katherine Ruffato (DIS), Carol Wesolowski (TSD)

15 YEARS

Joseph Braun (NE), Cindy Chaffee (AES), Joseph Gagliano (AES), Sharon Giblin (LEG), Monterey Harris (NOD), John Jurca (FMS), Mary Malik (EQO), David Meyer (ASD), Lawrence Moos (EQO), Anthony Puttkammer (ASD), William Ruzicka (AES), Edmund Schuda (FMS), Julie Tossing (EQO), Gian Trento (ASD), Katherine Vanoskey (HR)

10 YEARS

John Lewellen (AST), Zheng-Tian Lu (PHY), Bonnie Peters (AIP), Jimmy Ross (SCD)

5 YEARS

William Cleary (CMT), Marianne Cuff (BIO), Kawtar Hafidi (PHY), Michael Kelly (PHY), Christopher Poetzel (CIS), Brent Turk (FMS)

WORKSHOP TO COVER SPEECHCRAFT BASICS

The Argonne Toastmasters Club will once again hold a Speechcraft Workshop focusing on public speaking basics. Participants will develop, practice and deliver up to five speeches.

Other communication skills offered in a "learning by doing" approach include impromptu speaking, education sessions and proper meeting protocol.

Toastmasters is the world's largest non-profit organization dedicated to providing tools and opportunities for people to learn to communicate more effectively.

The Speechcraft Workshop will begin Thursday, Feb. 15, from 11:30 a.m. until 12:30 p.m., and continue every Thursday until March 22. Each session will be held in Building 201, Room 190. The cost is \$55.

For more information, contact club president Cathy Nelson (TSD) at ext. 2-9567, club secretary Arnetta Bryant (TSD) at ext. 2-5661 or visit the Argonne Toastmasters Web site.

www.argonneclub.anl.gov/toastmasters

ARGONNE HISPANIC-LATINO CLUB MAKES DONATION TO THE FREE WHEELCHAIR MISSION

Argonne's Hispanic/Latino Club has donated \$500 to the Free Wheelchair Mission to help bring hope, respect and dignity to the lives of those who are less fortunate. The foundation provides "the transforming gift of mobility to the physically disabled poor in developing countries."

The donation will purchase 11 chairs; in addition to those receiving the chairs, as many as 50 others will be helped indirectly by not having to assist, or even carry, the handicapped people.

More information about the club is online.

<http://hispanicclub.anl.gov/>

GUEST HOUSE PLANS MARDI GRAS MENU

The Guest House will serve dishes inspired by Mardi Gras at lunchtime Monday, Feb. 19, and Tuesday, Feb. 20.

The menu will include oysters on the half shell, popcorn shrimp, red beans and rice, catfish bites, steak and jambalaya.

TAI CHI CLUB SEEKS NEW MEMBERS

The Argonne Tai Chi Club welcomes employees to try Tai Chi, a type of moving meditation. The club focuses on health and stress relief.

Classes are held Mondays 11:30 a.m. - 1 p.m. in Building 316.

For more information, contact Mark Kamiya (EQO) at ext. 2-2704 or mkamiya@anl.gov.

'TECH TOUR TRANSPORTER' TO DEMO INSTRUMENTATION PRODUCTS

Instrument Associates, an Argonne Materials Ordering System (AMOS) supplier, invites employees to attend an on-site product show geared towards process, mechanical and tech users. The Parker Hannifin Corporation Instrumentation Group Tech Tour Transporter will visit Argonne Thursday, Feb. 15, from 9 a.m. to 3 p.m. in the parking lot of Building 212, across the street from the Argonne Credit Union. Plenty of parking is available in the Building 212 parking lot.

More information is available online.

<http://www.anl.gov/PRO/General%20Information/JohnG2007%20Tech%20Tour.pdf>

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