

Carol Whitley Promoted to AUI Secretary

On October 19, at an executive session during the annual meeting of the Board of Trustees of Associated Universities, Inc. (AUI), it was voted that Carol Whitley, who has been the AUI Assistant Secretary since February 1991, would be the corporation's new Secretary.



Carol Whitley

As such, Whitley is the seventh person to occupy that position and the first woman to assume the post since AUI's founding in 1946.

"Carol's long experience with corporate affairs made her an ideal choice for corporate Secretary," says AUI President Robert Hughes, to whom the Secretary reports. "She has a thorough understanding of corporate history and by-laws, the workings of the Board, and the functioning of the corporation's staff. So this is a well-deserved appointment."

"I have worked closely with Carol for more than ten years, and, perhaps

more than anyone else at AUI, I have profited from her experience and knowledge of corporate affairs," says Jerome Hudis, the former Secretary, who is also AUI Vice President for Programmatic Affairs and Controller and was re-elected along with the other corporate officers (see associated story on page 2). "Thus, I'm delighted to see her skills and dedication rewarded with this promotion to Secretary, and I am confident that AUI, BNL

and NRAO will benefit as she carries out her new responsibilities."

"In working more and more closely with the Board since becoming Assistant Secretary, I have established a congenial rapport with the trustees, and I enjoy my role as liaison to the Board," says Whitley. "So, it was very affirming to be elected Secretary."

According to the AUI Organization & Policy Manual, the Secretary's responsibilities include: keeping and

summarizing the minutes of Board and executive committee meetings; preparing and distributing notices, agenda, minutes, resolutions and whatever else is required for such meetings; being the custodian of all corporate records, such as the record copy of the U.S. Department of Energy contract with AUI to operate BNL, but excluding financial and accounting reports; and holding the corporate seal and assuring that the AUI manual is up to date.

Besides being responsible for the trustees' meeting arrangements, Whitley not only compiles information needed by the trustees for these meetings, but she also follows up after them, ensuring that information regarding trustees' decisions is disseminated to those affected and that whatever additional information requested by the trustees is obtained and forwarded to them.

Whitley's duties, however, go beyond that. "An important role of corporate Secretary is to give attention to numerous corporate details that might otherwise fall between the cracks," she explains. "It is my duty to make it

(continued on page 2)

Cult And BNL: Media in Error

BNLers who have seen or read media reports relating to the Japanese cult Aum Shinrikyo in recent weeks may have been alarmed that the Laboratory was mentioned.

It is known that inspection of the cult's computers by the Federal Bureau of Investigation in March did turn up files from Brookhaven's Protein Data Bank (PDB). However, many of the recent stories have contained inaccurate accounts of the type of information in the files and the way in which it was obtained.

Most important, the cult's members did not "break in" to a Brookhaven Lab computer system, nor did they obtain information intended for germ or chemical warfare.

In fact, none of the information in the data bank is either secret or classified, and access is free through the Internet. The PDB's files of more than 4,000 three-dimensional structures of bio-macromolecules are especially easy to view through the World Wide Web, at the address <http://www.pdb.bnl.gov>.

Brookhaven does not do research on germ or chemical warfare. The PDB's structures are contributed to the data bank by researchers from around the world and are used mostly by medical and biological scientists who study the basic workings of biological molecules. They are also being used to design better medicines, such as one for Alzheimer's disease, said PDB Head Joel Sussman.

Among the items in the PDB's computers is the structure of one of the venom toxins of the African green mamba snake, as has been reported. However, the PDB does not contain information on how to make the toxin from basic molecules, and to do so would likely be more expensive than obtaining venom from the snakes.

In a recent competition, BNL was selected to continue as the home for the PDB, which is funded by the U.S. Department of Energy, National Institutes of Health, National Library of Medicine and National Science Foundation. —Kara Villamil

BNL Lecture: The Goldhaber Years at BNL

Brookhaven Lecture-goers of the past two years who attended Parts I and II of BNL Historian Robert Crease's story of BNL — and others who heard the excellent reviews of these lectures — will be hurrying in to Berkner Hall on Wednesday, November 15, to catch the next episode, "History of the Laboratory, Part III: The Goldhaber Years." Scheduled to start promptly at 4 p.m., the talk will be the 310th Brookhaven Lecture. Crease, who is also a professor of philosophy at the State University of New York at Stony Brook, will be introduced by Laboratory Director Nicholas Samios.

After briefly recalling Part I, which concerned the period starting in January 1946 with the Lab's conception, and closing December 1952, with the Cosmotron's dedication; and Part II, which highlighted the impact of the Lab's second Director, Leland Haworth, Crease will focus on the years between 1961 and 1972, when Maurice Goldhaber was Director.

It was then, Crease will say, that the Lab's physical appearance evolved from the look of an ex-army camp to that of a university campus. At that time, too, many great discoveries were made: two types of neutrino (Nobel Prize 1988), CP violation (Nobel Prize 1980), L-dopa as a treatment for Parkinson's disease, experimental disagreement with theoretical expectations of the solar neutrino rate, and others. And important new facilities were completed, including the High Flux Beam Reactor and the Tandem Van de Graaff.

Thanks to Crease's years of investigation and firsthand interviews, a cohesive picture will emerge of the triumphs, setbacks, groundbreaking projects, one-of-a-kind charac-

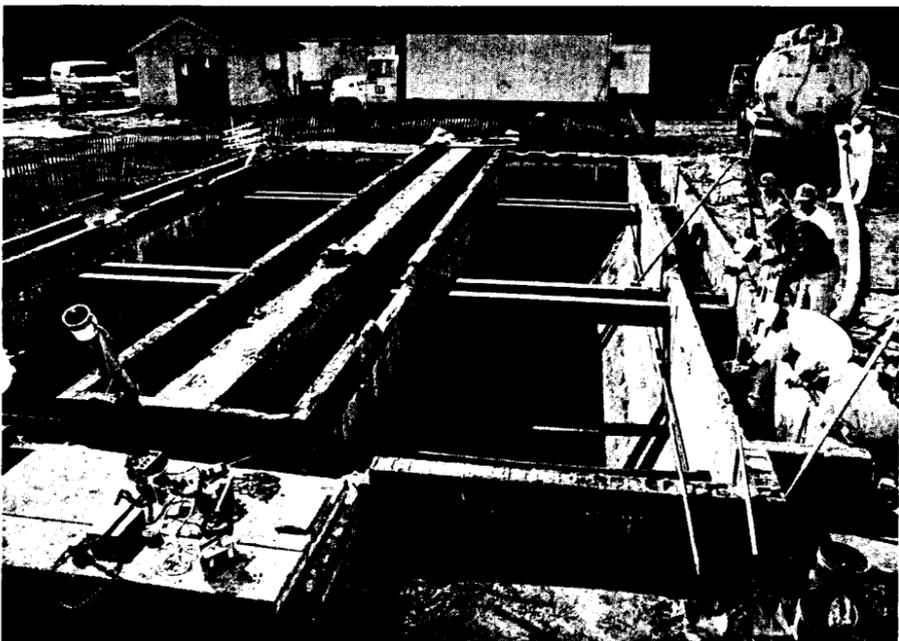


Robert Crease in Berkner Hall

ters and dedicated research at BNL during the 1960s.

How did a BNL researcher manage to use 100,000 gallons of cleaning fluid to make a discovery about the sun? Who was the first female Ph.D. staff scientist? Which high energy physics experiment was put on the track of an important new particle by information jotted on a paper napkin and brought back from an international physics

(continued on page 2)



Tank Remediation Nearly Settled

When the BNL site was an Army camp in the 1940s, with thousands of recruits filing through on their way to World War II, part of the infrastructure built to support the camp were the two sewage-settling tanks shown at left, known as Imhoff tanks. Still in place when the site became BNL, the concrete-lined tanks were used until 1967, when they were replaced by a clarifier at the nearby Sewage Treatment Plant. But, because their remaining contents posed a potential threat to groundwater if the aging linings were to begin to leak, which they haven't, the tanks were targeted for remediation, or cleanup, by BNL's Office of Environmental Restoration (OER) under the federal Superfund Act. The tanks' cleanup took a big step forward recently, when the Plant Engineering Division, OER and contractor IT Corporation of Edison, New Jersey, pumped out 300,000 gallons of liquids and sludges from the 29-foot-deep tanks. The remediation, headed by project managers Tom Doyle (top of ladder) and Skip Medeiros (not shown) and overseen by OER Deputy Manager Bob Howe (behind Doyle), is ahead of schedule — the original deadline was 1999. The work will now move on to a final radiological survey of the tanks, which will then be filled in. In preliminary tests, the sludges were found to be nonhazardous and to contain very low levels of radioactivity. After water is removed to reduce the volume of waste, the sludges will be packaged and sent for safe disposal off site.

—Photos in this issue by Roger Stoutenburgh

The Business of the AUI Board of Trustees

At the annual meeting of the Board of Trustees of Associated Universities, Inc. (AUI), held at BNL October 18 & 19, three new trustees were elected: Thomas Meyer, University of North Carolina at Chapel Hill; Mary Lou Pardue, Massachusetts Institute of Technology; and William Spencer, Semetech Corporation.

Elected to one-year terms, Meyer and Spencer replace Louis Girifalco, University of Pennsylvania, and Shirley Jackson, Rutgers University. Girifalco had served on the Board for 15 years, including as Chairman, 1985-87, and was thanked for giving "generously of his time and wisdom to AUI affairs." Elected in October 1993, Jackson resigned in May, upon becoming the Chair of the U.S. Nuclear Regulatory Commission.

Pardue was elected to a three-year term to fill the vacancy left by Robert Adair, Yale University. A member of the board since January 1990, Adair was thanked for his "able and devoted service to AUI" as a trustee and a former BNL Associate Director for High Energy and Nuclear Physics, January 1987 to August 1988.

In addition, Ernest Henley, University of Washington, was reelected Chairman of the Board for an additional year, and the following trustees were reelected for three-year terms:

- Martha Haynes, Cornell University
- Marvin Kushner, State University of New York at Stony Brook
- Robert Pound, Harvard University
- Vera Rubin, Carnegie Institution of Washington
- Malvin Ruderman, Columbia University
- Paul Sigler, Yale University
- Joseph Taylor Jr., Princeton University.

Continuing to serve on the Board, Trustee John Armstrong, IBM, retired, received a ten-year award for his service to AUI.

AUI was organized in 1946, by scientists from nine northeastern universities who were intent on establishing a government research laboratory for nuclear science. Following its incorporation, AUI founded BNL and entered into a contract with the Atomic Energy

Commission to operate the Lab, which opened in 1947.

Just as Brookhaven's scientific mission has expanded over the years, so too have AUI's corporate affairs and endeavors. In 1956, AUI established BNL's sister laboratory, the National Radio Astronomy Observatory (NRAO), which is funded by the National Science Foundation and headquartered in Charlottesville, Virginia. Then, in 1966, AUI moved its headquarters from New York City to Washington, D.C.

As a nonprofit research management firm, AUI is governed by a board of trustees, which has grown from 18 to 24 members, many of whom are affiliated with the nine original founding universities.

The AUI Trustees meet as a full board four times a year, rotating meeting sites among BNL, various NRAO sites, and its Washington, D.C., headquarters. In addition, smaller groups of trustees gather as needed for executive, nominating, administrative, audit, and environment, safety and health committee meetings, and for panels on astronomy, applied sciences, life sciences and physical sciences.

In addition to electing Carol Whitley AUI Secretary (see story on page 1), the Board of Trustees reelected the following AUI officers for another one-year term:

- Robert Hughes, President (Hughes is also AUI Trustee ex officio.)
- Thomas Davin Jr., Vice President - Corporate Affairs (Davin is also AUI General Counsel.)
- Jerome Hudis, Vice President - Programmatic Affairs, and Controller
- Leland Willis, Vice President - Environment, Safety & Health
- Scott Lederman, Treasurer.

Day-to-day corporate affairs are handled by AUI's Washington headquarters and the Brookhaven Corporate Office, which was established in 1947. Most of the officers are headquartered in Washington; on site, AUI is represented full-time by Leland Willis, and the corporation's Chief Auditor, Frank Federmann, and his staff.

— Marsha Belford

Carol Whitley

(cont'd.)

as easy as possible for the trustees to fulfill their responsibilities, and that means not only taking care of whatever the trustees need to do their jobs, but also anticipating those needs."

Carol Whitley came to BNL in July 1962, as a secretary in the former Cosmotron Division. In October 1964, she moved to the Director's Office, to work for the late N. Peter Rathvon Jr., who was then BNL General Attorney and AUI Assistant Secretary. Following a series of promotions as a secretary, Whitley left the Lab in September 1968, expecting her first child.

With her two children in school, Whitley returned part-time to the Director's Office in May 1977. She was again working for Rathvon, who was by that time AUI Secretary and General Counsel, as well as BNL General Counsel. She was transferred to the AUI payroll that August and promoted to executive secretary that September, by which time she was working full-time.

Promoted to a senior executive secretary in October 1982, then administrative assistant in October 1984, Whitley in 1985 began working for Hudis, who had been elected Vice President and Secretary following Rathvon's untimely death that August.

Upon her promotion to Assistant Secretary and concomitant relocation to Washington, D.C., Whitley worked with Hudis to move AUI headquarters to its present location at 1400 16th Street NW. She also assumed the additional responsibilities of assisting the AUI President and managing the office.

— Marsha Belford

BNL Lecture

(cont'd.)

conference? These and other questions will be answered, with colorful, significant detail, the signature of Crease's work.

Among Crease's slides is a still from a scene in the movie, *The China Syndrome*, in which a character quotes from a BNL report. Others show an original musical review produced by the Lab's Theater Group in 1968, entitled *Brookhaven/Facade*, providing what some may find a controversial and revisionist analysis of the script. And, in discussing the changing relationship between science and society in the 1960s, Crease will also show slides of the anti-Vietnam war protests and demonstrations at the Lab.

Robert Crease's first involvement with BNL came when, as a Columbia University graduate student, he was commissioned to co-author an article about the Lab for *The New York Times Magazine*, with Charles Mann. The two produced a book, *The Second Creation: Makers of the Revolution in 20th Century Physics*, which was reprinted this year by Rutgers University Press.

In 1989, Crease started working part-time as historian for the Lab, and he has published a series of articles on BNL's history in the *Long Island His-*

torical Journal, most recently in the Fall 1995 issue. He writes the "Overview" article for the *Encyclopedia Britannica Yearbook of Science and the Future*.

After the lecture, all are invited to join Crease for discussion and refreshments. Those wishing to have dinner with the speaker at a restaurant off site should call Public Affairs, Ext. 2345.

— Liz Seubert

Pick a Student

Applications for the spring 1996 Science and Engineering Research Semester (SERS) program are available for review through November 15, from 9 a.m. to 4:30 p.m., in the Science Education Center, Bldg. 438.

As students in the SERS program sponsored by the U.S. Department of Energy, juniors and seniors from colleges and universities nationwide spend a 16-week semester at BNL, from January 15 to May 3, doing scientific research. Individual host departments incur no cost.

A special effort is made to offer minority students research opportunities at BNL, so if your student choice is a minority, you will substantively contribute to this effort. Submit requests for students to Departmental Coordinators by November 15. For more information, call the Office of Educational Programs, Ext. 4503.

Winner's Circle

The following suggestion recently won an award through the Employee Suggestion Program.

This summer's Information Bulletins from the Safety & Environmental Protection Division on bicycle safety came about because of a suggestion from **Philip Warner**, now retired from his position as the safety officer at the Alternating Gradient Synchrotron. For helping to remind cyclists to wear helmets and obey local traffic laws, Warner received \$50.

Attn: Young Artists

If you're a child age 6 to 12 whose parent is a Lab employee, get out your crayons: The Bulletin wants your help. We're looking for original drawings of holiday scenes for possible publication in our issue of December 22.

Whether your drawing is about the winter season or about a special holiday, such as Christmas, Hanukkah or Kwanzaa, it should be no larger than 9 inches by 12 inches. Submit your artwork to the Brookhaven Bulletin, Bldg. 134 by Friday, December 1. Please don't forget to put your name, your parent's name and your age on the back of the drawing.

Those whose work is published will receive a chocolate surprise.

Most Lab IDs Valid Till June

In response to a U.S. Department of Energy (DOE) directive, BNL's Safeguards & Security Division (S&SD) will begin issuing new, standardized identification badges/cards Labwide, in the spring of 1996.

Because current BNL identification cards for many employees, guests and contractors expire on December 31, 1995, those have been extended through June 30, 1996, and will be reissued before that date according to a schedule to be announced.

However, for anyone who holds a Q or L authorization badge and must travel to other DOE sites, the S&SD Badge Office will reissue the badge with an expiration date of June 30, 1996. To obtain a new badge, complete a BNL F 2868 Identification Card/Security Badge Application, available through your group's administration, and bring it to the Badge Office in Bldg. 30.

For more information about badge reissue or extensions, call Hank Raimondo, Ext. 7258.



Macintosh Training

An informational meeting on Macintosh training will be held on Friday, November 17, at 9:30 a.m., in the seminar room of the Computing & Communications Division, Bldg. 515. For more information, call Pam Mansfield, Ext. 7286, or e-mail pam1@bnl.gov.

Wine & Dine At Stony Brook

Gourmet food and desserts from some of the most renowned regional food purveyors and a selection of fine wines from Long Island and other noted wine regions will be featured at the State University of New York (SUNY) at Stony Brook's sixth annual "Autumn Evening's Wine and Food Tasting With Live Auction" on Thursday, November 16. Hosted by the Campus and Community Committee for Undergraduate Scholarships, the event will run from 5:30 to 8:30 p.m. in the university's sports complex.

Admission to the tasting and auction is \$40. For more information about these events or the wine seminars that will be offered for \$20 per person before the tasting, call Michael McHale, 632-6873. For tickets, call 1 (800) 451-5866.

SYBASE Users

The BNL Sybase Local User Group will next meet on Tuesday, November 14, from 1 to 4 p.m. in the CCD Seminar Room, Bldg. 515, where BNL's Sybase representative Victoria Condit and the Sybase Director of Federal Sales, Pat Kerrigan, will make a presentation, as follows:

- 1 p.m. - Sybase Interoperability and Data Warehouse technologies, including Sybase Connect, IQ and MPP.
- 2:15 p.m. - break
- 2:30 p.m. - Sybase System II review, and WWW products and plans.

This presentation will become more technical after the break. For more information, call Susan Eng, Ext. 7988.

Fine Sculpture for BNL Art Show



Among the fine art that will be shown at the BERA Art Society's upcoming Fall Festival of Art will be sculpture by Anne Meinhold, whose sensitive, yet powerful work is often displayed in Long Island exhibitions and found in many collectors' homes. Meinhold, pictured here in her barn studio at her home in South Haven, where she lives with her husband, Charles Meinhold of the Department of Advanced Technology, has been sculpting for about 20 years. Her daughter, another Anne Meinhold, is in BNL's Department of Applied Science.

The upcoming show will be held at Berkner Hall from Monday to Wednesday, November 20-22, daily from 11:30 a.m. to 1:30 p.m., with an evening reception from 5 to 7:30 p.m. on Monday, November 20. Prizes will be awarded for the most popular of all entries and for the most popular of a new category: Art specifically inspired by BNL science or BNL site.

Paintings, drawings or other fine art work from BNL employees, their family members 15 years and older, retirees and guests of BNL can still be accepted. For information, call Liz Seubert, Ext. 2346, or Robert Chrien, Ext. 3903, without delay.

Volleyball

Standings as of November 7

Open League		League I	
Pass, Set & Crush	14-1	Bikers 'n Spikers	9-3
Monday Maulers	11-4	Rude Dogs	6-3
Far Side	6-9	No Names	6-6
Spikers	3-9	Scared Hitless	5-4
Bud Hitters	2-13	Underdogs	1-11

League II		League III	
Spiked Jello	10-2	Joy of Sets	8-1
Safe Sets	9-3	Silver Bullets	7-2
Monday Nite Live	8-4	Upton Ups	6-3
Nuts & Bolts	7-5	Harlem Knights	4-5
Jolly Veggies	6-6	New Comers	4-5
Fossils	4-8	DO-DAT	2-4
Volley Folly	3-9	Just 4 Fun	2-4
Night Court	1-11	High Volley'em	2-7
		OER	1-5

Bowling

Red and Green League

R. Raynis 265/623 scratch series, G. Weresnick 245/242/671 scratch, J. Griffin 236/233/201/670 scratch, H. Arnesen 223/222/618 scratch, K. Riker 222/214/625 scratch A. Warkentien 218, J. LaBounty 213, K. Koebel 213, E. Larsen 208, R. Eggert 207, B. Geib 204/204, R. Prwivo 204, W. Powell 203, R. Mulderig 202, E. Sperry IV 200.

Purple & White League

R. Raynis 267/182/627 scratch series, M. Meier 234/202/201/637 scratch, K. Riker 232/220/612 scratch, E. Meier 231/196, J. McCarthy 227, B. Guiliano 216/209, A. Almsy 213, Don King 213, S. DiMaiuta 205, R. Picinich 201, D. Botts 199/179/174, K. Botts 192, Doug Fisher 191/189, J. Addressi 188, M. Guacci 187/187, K. Conkling 187, E. Sperry III 186, P. Callegari 186, M. Picinich 185/171.

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Time to Unite for United Way

BNL's 1996 United Way fund drive kicks off today, with Chair Michelle Cummings, Management Information Systems Division, managing the effort, assisted by Peter Esposito, Human Resources Division.

One in three Long Islanders is touched in some way by the 160 agencies getting support from the United Way, and difficult economic times will force even more to seek help. By sending as generous pledges as possible, on the cards sent to every employee, BNLers can make a huge difference to the lives of Long Islanders who could be neighbors, friends, family — or even, oneself.

This year, any weekday from Mon-

day, November 13, until Wednesday, November 22, all are invited to drop into Room D in Berkner Hall, where

Bob Sewell from the United Way will maintain a mini United Way headquarters with a video, leaflets, and extra information. Or, you can call him at Ext. 3547.

As usual, prize drawings will be held to encourage early pledges. Prizes include dinners for two and a grand prize of a weekend for two in New York City. Helping Cummings and Esposito to reach this year's goal of \$90,000 in pledges are the following 43 campaign captains, who are available for more information or to supply more pledge cards, should you lose yours!

All of Us making it happen!



Dept.	Name	Ext	Bldg.	Dept.	Name	Ext	Bldg.
AGS	James Alduino	2466	134	ISD	Joann Totans	3802	477B
	June Herbert	4692	911B		Jack Laurie	7640	197B
AUI	Elliott Levitt	2495	134A	Med.	Darcy Mallon	3362	490
Bio.	Ann Emric	5756	463	MIS	Juanita Heyliger	3915	459
	Gail Schuman	7985	463	NSLS	Jerry Van Derlaske	4926	725B
Chem.	Jean Petterson	4302	555A		Mike Caruso	4100	535C
CCD	Chris Willms	4185	515		Rich Stoner	3361	535C
CSD	Michelle Cummings	2077	459		Charlie Nielson	7749	725B
DAS	Claire Lamberti	3051	31		Pat Powers	4828	510E
DAT	Katherine Becker	4464	475C	OMC	Diane Carlson	3670	490
	Maria Beckman	2301	703M	PE	Phyllis Domenech	5799	134
	Cheryl Conrad	2272	130	Phys.	Cora Feliciano	7681	510D
	Vanessa Crump	2903	475B	React.	Nancy May	7548	750
	Jody Fanizza	2921	197C		Rich Dercher	7013	120
	Ali Lopez	2590	197C	RHIC	James Licari	7146	817
	Grace Webster	3227	830		Vera Mott	7108	902A
DCP	Barbara Pringle	3154	355	SEP	John Searing	3108	535A
DO	Janet Sillas	2345	134	SMD	Mike Guacci	2976	211
Fisc.	Linda Sinatra	2466	134	S&SD	Joyce Jones	5241	703
HR	Susan Foster	2888	185		Sharon Jones	2493	30
Inst.	John Schill	7865	535B		Mindy O'Sullivan	2280	50
				SSD	Jane Guido	2549	179

To Your Health

The following programs are offered by the Health Promotion Program (HPP) of the Occupational Medicine Clinic. To register or for more information, call Mary Wood, Ext. 5923.

Weight Management

A Green Seminar, featuring an approach to weight management that combines hypnotic conditioning and behavior modification, will be held on Monday, November 13, from 4:30 to 6:30 p.m. in Berkner Hall.

Employees and their spouses may attend the first 45 minutes of the seminar free and with no obligation; for those who decide to complete the seminar, the cost is \$30, payable by check, cash, Visa or Mastercard. Under the special arrangement made by the HPP, this is a \$30 savings over the program's usual \$60 cost, including a \$10 contribution from the Laboratory. The seminar fee includes an audiocassette and written materials for home reinforcement. Participants may also attend future sessions at no charge.

Why Water Aquatics?

The swimmer and the nonswimmer, the young and the old, the fit and not-so-fit, men and women, the physically challenged, the rehabilitation patient and the elite athlete — all can get great exercise in the Lab pool.

One place to start is with water aquatics, which covers techniques of stretching, aerobic exercise, and muscular strength and endurance. The next session of Tuesday and Thursday classes will start November 14 & 15 for six weeks, from 5:20 to 6:10 p.m. Bring a pool pass or \$2 for the pool fee.

Quit Smart

The first of three one-hour "Quit Smart" sessions will be held on Thursday, November 16 — the day of the Great American Smokeout. The Quit Smart smoke-cessation program offers techniques in behavioral coping skills, including hypnosis by use of audiotapes. Nicotine fading (switching to lower-nicotine cigarettes), with-

drawal management and relapse prevention/recovery strategies, and the nicotine skin patch will also be covered in this program.

The last two sessions will be Thursday, November 30, and Monday, December 4. All will be from noon to 1 p.m. in the small conference room of the Medical Department, Bldg. 490. The fee is \$10, though former participants of any BNL smoke-cessation program may attend free.

Coming Up

The next BERA concert will feature graduate voice students from the State University of New York at Stony Brook performing scenes from famous operas, including Mozart's *Don Giovanni*, Bizet's *Pearl Fishers*, and Verdi's *Falstaff*. It will be held on Monday, November 20, at 8 p.m. in Berkner Hall. The suggested donation is \$6 per person.

Let's Dance

Beginners are invited to learn to mambo and tango, in eight one-hour lessons on Wednesdays at 6:30 p.m., November 15 through January 10, excluding the Wednesday before Thanksgiving. Advanced beginners may continue with the cha-cha and fox trot at 7:30 p.m., and advanced waltz will be taught at 5:30 p.m.

Sponsored by the BNL Ballroom, Latin & Swing Dance Club and held in the North Ballroom of the Brookhaven Center, the classes are open to all BNL employees, retirees and on-site contractors, and their families and friends. If 40 people sign up for the class, then the cost is \$25 per person for each eight-week class.

To register or for more information, contact: Marsha Belford, club president, Ext. 5053; Ron Ondrovic, vice president, Ext. 4553; or Rudy Alforque, vice president, Ext. 4733.

Arrivals & Departures

Arrivals

Stephen S. Adler.....Physics
John D. Glass Jr......Medical
Marc H. Weber.....Physics

Departures

This list includes all employees who have terminated from the Lab, including retirees:

Keith C. Klaus.....Saf. & Env. Prot.
Liti Haramaty.....Applied Science
Diana B. Hubert.....Human Resources
John B. Mulligan.....Adv. Technology

Note to Employees:

Attendance at lectures, meetings and other special programs held during normal working hours is subject to supervisory concurrence.

Note to Diners

Since the Lab will be closed on Friday, November 10, in observance of Veterans Day, the Cafeteria will be open that day only from 9 a.m. to 2 p.m., for snack bar service. The Tap Room at the Brookhaven Center will also be closed on that day.

Cafeteria Menu

Monday, November 13

Soup: French onion .90/1.20
 A la Carte: Sausage & peppers 3.85
 Lite: Escalopini turkey in pasta 3.85
 Deli: Hot pastrami 3.20
 Grill: Meatball hero 3.30

Tuesday, November 14

Soup: Chicken noodle .90/1.20
 A la Carte: Marinated chicken w/salsa 3.95
 Lite: Salisbury steak 3.50
 Deli: Roast turkey w/stuffing 3.20
 Grill: Pastrami & Swiss on pumpnickel 3.30

Wednesday, November 15

Soup: Beef barley w/mushroom .90/1.20
 Display Cooking: Asian kitchen 4.75
 Deli: BBQ brisket of beef 3.20
 Grill: Steak w/garlic bread 3.30

Thursday, November 16

Soup: Vegetarian vegetable .90/1.20
 A la Carte: Stuffed pepper 3.65
 Lite: Quiche Lorraine 3.65
 Deli: Leg of lamb w/rosemary 3.20
 Grill: BBQ pork 3.30

Friday, November 17

Soup: Seafood Creole .90/1.20
 A la Carte: Chicken cacciatore 3.85
 Lite: Baked cod w/lemon-mushroom glaze 3.95
 Deli: Pork loin 3.20
 Grill: French dip 3.30

Classified Advertisements

Placement Notices

The Laboratory's placement policy is to select the best-qualified candidate for an available position. Consideration is given to candidates in the following order: (1) present employees within the department/division and/or appropriate bargaining unit, with preference for those within the immediate work group; (2) present employees within the Laboratory; and (3) outside applicants. In keeping with the Affirmative Action plan, selections are made without regard to age, race, color, religion, national origin, sex, handicap or veteran status.

Each week, the Human Resources Division lists new placement notices. The purpose of these listings is, first, to give employees an opportunity to request consideration for themselves through Human Resources, and second, for general recruiting under open recruitment. Because of the priority policy stated above, each listing does not necessarily represent an opportunity for all people.

Except when operational needs require otherwise, positions will be open for one week after publication.

For more information, contact the Employment Manager, Ext. 2882, or call the JOBLINE, Ext. 7744 (282-7744), for a complete listing of all openings.

Current job openings can also be accessed via the BNL Home Page on the World Wide Web. Outside users should open "http://www.bnl.gov/bnl.html", then select "Scientific Personnel Office" for scientific staff openings or "Employment Opportunities" or "BNL Human Resources Division" for all other vacancies.

OPEN RECRUITMENT - Opportunities for Laboratory employees and outside candidates.

DD 3820. HAZARDOUS WASTE TECHNICIAN - Under general supervision, performs work related to the operation of the hazardous waste disposal facilities of the Safety & Environmental Protection Division. Includes, but is not limited to, pickup, storage, packaging and bulking of hazardous waste. Responsible for completing and maintaining any certifications required for the operation of these facilities. Safety & Environmental Protection Division.

NS 6173. PHYSICS ASSOCIATE POSITION - Requires a BS in physics or a related field and a background in high-power pulsed power supplies, digital electronics, computer controls and programming. Excellent written and oral communication skills required; laboratory test and measurement techniques desirable. Primary duties include the operation and troubleshooting of the AGS accelerator complex for the experimental physics program. Shift work required. Alternating Gradient Synchrotron Department.

Motor Vehicles & Supplies

93 TOYOTA PREVIA LE - silver, ac, c/c, privacy glass, abs, stereo cass., anti-theft, 47k mi. Ext. 3169.

90 NISSAN SENTRA - 2-dr., 4-spd., 77k mi., am/fm cass., well maint., asking \$3,400. Mike, Ext. 7434 or 244-3011.

89 FORD VAN MARK III - customized, seats 7, full loaded, 46k mi., one owner, mint in/out, \$10,000 neg. Joe, Ext. 2314.

89 TOYOTA COROLLA - 5-spd., ac, excel. cond., \$3,500. Ext. 2145.

89 FORD ESCORT LX - 5-spd. h/b, excel. cond., \$2,700. Bob, 821-0695.

87 SABLE LS - s/w, V-6, fully equipped, 98k mi., excel. cond., \$4,200. Austin, Ext. 5329.

87 SUBARU - 4-dr. wagon, 4wd, 140k mi., mint, \$1,200. Tony, 298-1932.

87 PLYMOUTH RELIANT - 2.5 eng., 76k mi., a/t, ac, one owner, excel., \$3,000. Ed, Ext. 4437 or 581-1509.

87 NISSAN PICKUP - 150k mi., 2wd, 4-cyl., cap, bed liner, runs well, \$1,000. Dave, Ext. 4671 or 653-1407.

85 VW JETTA - sunroof, p/w, car alarm, v.g. cond., must see, \$2,100 neg.; '81 Charger, blue, good cond., must see, \$725 neg. Mark, 924-0960.

85 MERCURY WAGON - 9-pass.; '81 Lincoln, 4-door. 363-6940.

85 NISSAN 4x4 PICKUP - excel. cond. asking \$2,700. Don, Ext. 5329 or 422-7415.

84 BUICK SKYHAWK - rebuilt eng., 12k mi., warr., a/t, am/fm, ac, runs like new, \$1,950. Peter, Ext. 3099.

84 PONTIAC TRANS AM - black w/gold trim, 5-spd., 5.0 liter eng., \$1,900 neg. Rich, 744-4816.

84 GRAN MARQUIS - 302 V-8, a/t, p/s, p/b, p/w, p/l, p/s, 2-dr., am/fm ass., excel. mech. cond. in/out, \$1,100 neg. Bill, 281-6498.

83 TOYOTA TERCEL - gold, 2-dr. h/b, 4-spd., excel. running cond., \$900 neg. Steve, Ext. 7862.

80 BONNEVILLE BROUGHAM - 350 ci. rebuilt diesel, tranny, 40k mi., new batt., rad., exhaust, 2 new tires, great mpg, \$1,200 neg. Bill, 281-6498.

79 OLDS CUTLASS SUPREME - orig. owner, ac, mech. excel., \$550. Ext. 5928 or 427-8095.

78 CHEVY SUBURBAN - 8-cyl., a/t, runs, needs work, \$350. 734-2593 eves.

78 BLAZER 4x4 - V-8, needs muffler & cosmetics, mech. good, \$1,450. 924-0705.

69 MUSTANG - conv., accident damage to hood & driver's side front end, 6-cyl., runs well, 3-spd., m/t, good to fix or for parts. Tirre, Ext. 3288.

BRAKES - new, rear bonded for Chrysler, \$5; air filters, AFL-52 Sears & Lee brand for Chrysler cars, \$9/4. Susan, Ext. 7647.

TIRES - B.F. Goodrich all-terrain radial TA, 33x12.5x16.5, load range D, \$40/4. Scott, Ext. 4661.

PARTS - Ford, 302 alum. intake manifolds, headers, Mallory electronic distributor, '88 stock 5.0 roller motor, fuel inj., low mi. Wayne, Ext. 7238.

TIRES - 2 Goodyear P225/75R14, like new, \$40 ea.; 1 Firestone P215/70R14, \$20. 698-9274.

SHOP SERVICE MANUAL - for '93 Chevy S-10, 3-vol. set, cost \$50, selling for \$25. Joe, Ext. 2898.

PARTING OUT - '85 Ford Thunderbird & '83 Buick Regal, also junk cars/trucks wanted, free removal. Steve, 924-8741.

Boats & Marine Supplies

33' HOUSEBOAT - fg, rebuilt eng. & trans., hot shower, sleeps 8, Dana o.d., 318 V-8, extras, asking \$9,000. Tirre, Ext. 3288 or 281-0360.

23' SAILBOAT - fg, sleeps 4, galley, fixed keel, mooring, dinghy, jack stands, 6-h.p. motor, sails, good cond., \$1,500. Mike, Ext. 7861 or 698-3967.

BATTERY - Sears Incredicell, deep cycle, marine, \$50. Ext. 3179.

Furnishings & Appliances

BED FRAME - toddler, Cosco, white, excel. cond., \$10; crib mattress, Kolcraft, 280 coil, excel. cond., \$40. John, Ext. 3422 or 928-4101.

BEDROOM SET - 5-drawer dresser., vanity w/large round mirror & bench, complete double bed, blond mahogany, \$150. Jerry, 363-6908.

BEDROOM SET - maple, twin, end table, dresser w/mirror, \$250. Bob, 821-0695.

COMPUTER STAND - v.g. cond., \$50; microwave stand on wheels, \$20. Doreen, Ext. 2457.

COUCH - Ethan Allen, good cond., 325-0447 after 6 p.m.

DISHWASHER - Westinghouse Potscrubber, heavy-duty, under-counter w/black reversible panels, good cond., \$100. Frank, Ext. 2012, or Vita, 277-0464.

ELECTRIC HEATER - \$20; speakers, \$10; suitcase, \$5; typewriter, \$20; stroller, \$10; glass table, \$20. Kathy, 744-2203.

FREEZER - G.E., 18 cu. ft., upright, w/built-in lock, white, excel. cond., must sell, \$300 neg. Ext. 5740 or 744-8386.

LAMPS - oil, shape of pear & apple, \$5 ea. Susan, Ext. 7647.

PATIO SET - table, 90"x42", 6 chairs w/matching umbrella & cushions, forest green, PVC, all covers, paid \$2,000, best offer. John, 395-5922.

REFRIGERATOR/FREEZER - G.E., 15 cu.ft., 2-dr., upright, almond, \$125; rototiller, Craftsman, 5-h.p., \$125; canning jars, 24 w/caps, \$5. Frank, 567-6419.

REFRIGERATOR - Gibson, 16 cu. ft., frost-free, \$100. Steve, Ext. 7862.

Tools, House & Garden

BURNER - Beckett, retention head w/cad. cell & new transformer, \$80. 689-9234.

CHILD GATE - expandable wood/mesh, excel. cond., \$5. Ext. 4171 or 878-1280 after 6 p.m.

GARDENING TOOLS - Black & Decker, lawn trimmer, 10", \$20; hedge trimmer, Sears, 14", \$20. Alison, Ext. 4410.

LADDER - 32', wood extension; fireproof doors, 48", dresser, pine, 5-drawers; bed frame w/4 drawers; 6' Scotch pine Xmas tree. Steve, Ext. 3018.

STORM DOOR - cross-buck, white, glass & screen, excel. cond., all hardware incl., \$75. Ext. 5873.

TOOLS - Sears 3/8" variable-speed reversible drill, \$25; Sears 7/8", 1 1/2-h.p. circular saw, \$25. Joe, Ext. 7762.

WHEELBARROW - \$12. Ext. 5491.

WOOD-BURNING STOVE - Timberline, airtight, excel. cond., \$300 neg. Jim, Ext. 2238.

GAS GRILL - 2-burner, includes propane tank, excel. cond, \$40. Sue, Ext. 3492 or 734-2593 eves.

HEATER - Hy-Lo Hard Hat, 50,000 to 140,000 Btu, Kerosene, stove oil, or diesel, used for large areas, used once, \$50. 924-0705.

LAWN MOWER - Snapper, 21" cut, self-drive, rear bugger, new blade, v.g. cond., \$125. Dan, Ext. 4220 or 698-7322.

LAWN SWEEPER - 25", Sears Craftsman, \$40. Bill, Ext. 4201 or 567-5631.

LAWN TRACTOR - 11-h.p. Briggs & Stratton engine, 8" deck, 7-spd., elec. start, \$400. Al, Ext. 5128 or 727-4417.

SINK - Kitchen Corhon double sink w/faucet, fits 32"x20" opening, excel. cond., \$35. Bob, 821-0695.

STOVE - wood-burning, never used, thermo control, cost \$850, sell \$550. 289-1557 after 5 p.m.

TABLE SAW - Sears Craftsman, 10" blade, older model, works well, many extras, \$250. John, 395-5922.

VANITY - bath, 36", Early American, maple w/louvered drs., 2 drawers, rose, green oval sink w/brass & wood faucet, \$75. Frank, Ext. 2012, or Vita, 277-0464.

Sports, Hobbies & Pets

ARROWS - XX75 Easton size 2216, 29 1/2" long, 1 doz., brand-new, in box, \$30. Mark, Ext. 4289.

BIKE - Huffy, boy's, good cond., \$20. Ext. 7520.

BIKE - Ross, 10-spd., 27", men's, good cond., \$40. 567-9025.

FISH FINDER - Eagle Magna II, portable, transducer, good cond., \$100; fishing gear, Penn 650ss, extra spool, \$40; Daiwa Elimin. 6' rod, \$20. Joe, Ext. 7762.

ORGAN - Yamaha, console, full pedal, E-10R, excel. cond., rhym., 2 keyboards, \$1,000 neg. John, Ext. 7340 or 732-2702.

SKIS - 3 sets, boots, bindings, call for size, any offer. Ext. 5740 or 744-8386.

SKI RACK - BarreCrafters for Honda Prelude, fits 4 sets of skis, excel. cond., only used 2 times, asking \$50. Bob, Ext. 5588.

UNICYCLE - Carl Hart, excel. cond.; b&w & color darkroom, complete; Barbie doll house, full size. Fran, 821-4628.

BICYCLES - reconditioned 20" GT Performer, \$120; Dyno, \$90; BMX style, brand-new, \$55; others; also parts/service. 689-1618.

BICYCLE - BMX Mongoose Menace, chrome w/pitbull brakes, 2 yrs. old, orig. \$185, hardly used, \$85. Jim, Ext. 2957 or 924-7374.

BIRD CAGE - w/rolling stand, \$25. Joe, Ext. 4567.

CAMERA - 1 yr. old, Nikon N6006 AF w/pop flash, 2 Sigma 28-70mm & 70-210mm zoom lenses w/hoods, Vivatar AF zoom, flash, extras, \$550. Frank, Ext. 2012.

DRUM SET - Mapex, 5-pc., black, brand-new Zildjian Hi-Hat, Zildjian cymbals, chrome snare, excel. cond., \$650. Rich, 758-9875.

EXERCISER - Body-by-Jake, back & abs, w/video, \$75. 289-3586.

FISH TANK - 55-gal., fluvial canister filter, under-gravel filtration system, fish included, \$300. 981-5993.

IGUANA - green, about 24" long, w/35-gal. tank, \$35. Frank, 567-6419.

KEYBOARD - electronic, Yamaha PSS-140 w/voice bank, \$25. Joe, Ext. 4567.

PIANO - Wurlitzer Spinnet, ebony, recently tuned, asking \$500. 744-6962 eves.

ROOF RACKS - Bic, for gutterless compact car; bicycle & windsurfer attachments, \$40. Steve, Ext. 7570 or 874-2805.

Audio, Video & Computers

COMPUTER - Cyrex 586DX4-100, Vesa local bus, 850 MB HD, 8 MB ram, zoom 14.4 modem, \$1,500. Ext. 2272 or 732-7634.

COMPUTER - Amiga 500, good cond., great for games, \$200. Joe, 924-4070.

COMPUTER - 0 Mac IIsi, 5/80, math coproc., \$499; HP printer, inkjet, \$99; Apple Laserwriter, \$149. Ballard, Ext. 2695 or 7906.

SOFTWARE - Microsoft Works for Windows CD, \$10; 3D Key Design Center for Windows CD, \$10. Bob, Ext. 4551.

SPEAKERS - Polk model 10B, \$250/pair. Chris, Ext. 2326.

TV - b&w, 13", Magnavox, works well, \$10. Ext. 4581.

TV - 27", Sylvania color, console, swivel base, remote, stereo, approx. 7 yrs. old, works well, \$90. Mike, 369-3307.

VIDEO GAME - Nintendo, deuxe joystick, NAS advantage controller, 18 game cartridges, mint cond., ask \$400 or best offer. John, 395-5922.

Miscellaneous

BOOKS - hardcover, classics, fiction, nonfiction, \$10/30 books, soft cover, 15 books/\$5. V. Mott, Ext. 7108.

BOOTS - men's, Dan Post western, leather, size 10 1/2, worn once, \$50. Pat. Ext. 5406.

COMFORTER - new, twin; antique doll pattern w/matching single pillow shams, bedskirt & curtains. 928-5291.

DIAMOND RING - 0.45 ct. SI2 clarity. J-K color, appraised at \$850, sell for \$475 neg. Ed, Ext 4080.

FUR COAT - black Persian, size 14-16, \$100; exercise bike, good cond., \$15. G. Betz, 924-3236.

MINK COAT - white, car-length, worn twice, \$2,500 new, make offer, excel. cond., John, Ext. 7039 or 929-4450.

RECORDS - dog/cat collar, coat. Ext. 5938.

TIME/LIFE BOOKS - WWII, 39 volumes, mint cond., \$75. 727-7227.

ELECTRIC BLANKET - air mattress; stoop railing; type M copper pipe, 1/2", all new, reasonable. Joe, 281-7683.

JACKET - distressed leather, Avirex, unisex 36, knit collar, cuffs, \$85; electric knife, GE, \$10; luggage carrier, \$10. Herbert Hildebrand, Ext. 3172.

RIBBONS - printed for party favors; large selection of favors for all occasions. 981-5993.

STROLLER - Century, excel. cond., \$40. Pat, Ext. 4638.

TICKETS - 2, David Crosby/Graham Nash, Westbury, 11/15, 8 p.m., \$60/pair. John, Ext. 3422 or 929-4101.

Lost & Found

FOUND - jacket, left at Rec. Bldg. during BWIS party, call & identify. Gail, Ext. 7988.

LOST - gold necklace w/charm, in vicinity of gym, 10/30. Charlotte, Ext. 2474.

Free

DOG - needs good home, 1 1/2 yr. old, female, shepherd/terrier/rottweiler mix, all shots, spayed. Fred, 369-9720.

Car Pools

EXIT 36 LIE - 4th member needed. John, Ext. 5181.

Real Estate

Real Estate advertised for sale or rent is available without regard for the race, color, religion, sex, age, national origin, disability or veteran status of the applicant.

For Rent

CENTER MORICHES - 2-bdrm. ranch, 2 bath, kitchen, l/r, Florida rm., bay water view, good windsurfing, \$1,250/mo. Ivan, 766-5917.

CENTER MORICHES - 1-bdrm. apt., full bath, kit. -l/r combo, large rooms, deck, priv. ent., parking, non-smoker, no pets. \$700/all. Pete, Ext. 4028.

MANORVILLE - spacious 1-bdrm. apt., deck, yard, very priv., avail. 12/1, \$600 + util., 1 mo. sec., non-smoker. Michael, Ext. 5927 or 369-9347.

MANORVILLE - 2-bdrm. townhouse, 1 1/2 baths, gar., pond view, gas, d/w, w/d, fp, skylights, cathedral ceiling, \$1,125 + util. Eric, Ext. 5875.

MILLER PLACE - room in home, nonsmoker, quiet & professional neighborhood. Ext. 5740 or 744-8386.

RIDGE - 3-bdrm. townhouse. new appl., w/w, w/d, 1 1/2 baths, excel. cond., 10 min to Lab, \$930 + util. Barbara, Ext. 5165.

RONKONKOMA - 1-bdrm. apt., brand-new, l/r, eik, bath, w/w, cable, nonsmoker, no pets, 1 mo. sec., \$600/all. Kim, 471-6416.

YAPHANK - 2-bdrm. townhouse, gar., fp, fin. bsmt., pool, tennis, 5 min. to Lab, \$950/mo. + util. Ann, Ext. 7611 or 862-7467.

TAMPA, FLORIDA - next to Busch Gardens, 2-bdrms., \$30/ea. day room or \$50/day for 2 rooms. Mark, 924-0960 or (813) 937-1543.

HILTON HEAD, SC - condo, sleeps 6, fully furn., 2 bdrms., 2 baths, tennis, beach, golf nearby, Nov.-Dec., \$350/week. Guy, Ext. 3147 or 689-5378.

VERMONT - ski house, near Mt. Snow, sleeps 7, avail. week or wknds., \$125/night, 3 night minimum. Lloyd, 627-7589.

For Sale

BRIGHTWATER VILLAGE - lg. Colonial, all new kitchen, baths, elec, plumbing, roof w/skylights, decks, porch, 35 to Lab, \$245,000. Ellen, 665-4495.

BAYSHORE - Brightwater Farms, 3-4 bdrm. Colonial, 2 full baths, l/r, e