News & Views

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SAIC-Frederick, Inc. Volume 11, January 2005

HPV Immunology Laboratory

Potential Cervical Cancer Vaccines

With approximately 500,000 new cases and over 200,000 deaths per year, cervical cancer is the second most common cancer diagnosed among women worldwide.

One of the most common causes of sexually transmitted viral infection is human papillomavirus (HPV). Although most of the more than 100 types are harmless, a few HPV infections, particularly persistent ones, can be a central risk factor in the development of cervical cancer.

Dr. Ligia A. Pinto, head of the HPV Immunology Laboratory since April 2001, is a principal investigator for the Division of Cancer Epidemiology and Genetics, NCI.

Candidate Vaccines Now in Phase III Clinical Trials

It is now widely accepted that cervical infection with one of approximately 15 types of HPV, such as HPV-16, -18, -31, and -45, is necessary for the development of cervical cancer. Thus, developing vaccines against these HPV types could be a powerful way to prevent infection and, therefore, cervical cancer. Non-infectious HPV-like particles (VLPs), composed of the L1 major capsid proteins, are current candidate vaccines to prevent HPV infection and cervical neoplasia under phase III clinical trials.

(continued on page 3)

NCI-Frederick Now a Tobacco-Free Facility

Are you feeling a bit antsy these days? Find yourself gobbling leftover holiday chocolates, chewing gum like mad? Finding reasons to make quick trips to the Seventh Street Shopping Center? Does it have anything to do with the fact that as of January 1, 2005, NCI-Frederick became a tobacco-free facility?

Don't despair! As this newsletter goes to press, Occupational Health Services (OHS) has developed a tobacco cessation program to help you. Based on polls taken before December 10, 2004, OHS has put in place several plans that may help you quit. These include evaluation of stop-smoking products; counseling with a nurse, nurse practitioner, or the Employee Assistance Program counselor; individual or group support; and follow-up of these activities. The OHS portions of the program are free, and at the first session, the nurse or nurse practitioner will discuss the cost of anything the clinic cannot supply.

Several of the Centers for Disease Control and Prevention Surgeon Generals' reports in recent years have evaluated numerous studies on various aspects of smoking (http://www.cdc.gov/tobacco/sgr/). These include, for example, *Youth and Tobacco: Preventing Tobacco Use among Young People (1995); Tobacco Use among US Racial/Ethnic Minority Groups (1998); and Oral Health in America: A Report of the Surgeon General* (2000). In these

reports, many studies conclude that those who quit smoking most often are best able to do this through support such as those mentioned above.

Information about tobacco cessation is available at OHS and at the Scientific Library's Center for Health Information.

If you are interested in starting a cessation program, contact staff at OHS, Building 426: ohs@ncifcrf.gov or 301-846-1096 (after 10:00 a.m., please).

Arthur's Corner

High-Performance Transformation Is Key to Corporate Growth

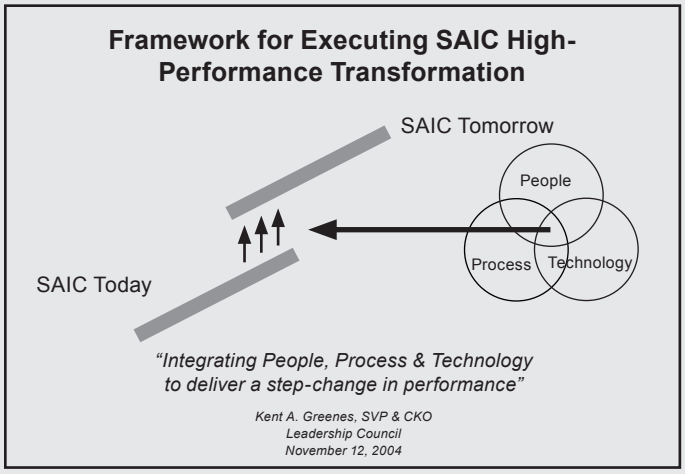
As employees of SAIC-Frederick, Inc., we are sometimes removed from the organizational changes of our parent company, SAIC. When Ken Dahlberg became Chief Executive Officer, he wanted to move SAIC from a good company to a great company, which is necessary to achieve the goal of doubling our value over the next 3 to 5 years. As a member of the SAIC Leadership Council, I have seen the enthusiasm and dedication involved in initiating this high-performance transformation.

Mr. Dahlberg recently noted on the ISSAIC Web site that it is imperative that SAIC rethink its approach to conducting business so that the company can "achieve our objective of being the foremost services company and lead systems integrator of choice in our major markets."

Help People Work Smarter, Not Harder

Kent Greenes, a Corporate senior vice president, noted on the Web site that as SAIC transforms itself into a high-performance company and builds on initiatives already begun or completed, "A primary objective is to eliminate non-value-added, non-core work to fuel the growth engine and help people work smarter, not harder: This is as much about changing behavior as it [is] about processes and simplifying and streamlining systems and processes."

Members of the SAIC Leadership Council have begun assessing and comparing the Corporate organization through focus groups, interviews with key leaders in upper management, and on-line surveys. As part of a comprehensive diagnosis to develop a clear view of our current state, Greenes and his team will compare our organization performance processes to industry benchmarks and to "best practices" at other companies, both inside and outside the high-tech sector. Acquiring employee input (through the surveys, interviews, and workshops) and benchmarking are part of the methodology. To help canvass the broader SAIC organization, McKinsey and Company, one of the leading strategy and organization consulting companies, will work with Greenes and his team.



Transformation: How Do We Get There from Here?

The Corporate council is gathering information about more than 30 initiatives already in use throughout the company, to help the Business Process Transformation Teams in planning their strategies. Organizers will use this input, the organizational profile, survey results, and the "end-state vision" the Leadership Council is developing to determine the focus of the company's direction of growth.

As the Web site points out, "We can't transform all at once, so the cost, benefits, and timing of all the transformations we need to undertake will be used to prioritize where to focus our efforts. Based on our findings to date and the initiatives already underway, … likely targets for the first phase of the business process transformation are in the areas of hiring, benefits, and employee retention; upgrading our IT automation tools to help us comply with regulatory provisions of the Sarbanes-Oxley Act; cash management; merger and acquisition activities; and communications."

Implement a Sound Transformational Plan

For any business to "get there from here," it needs a sound business plan and the resources to implement the plan. A number of companies have already implemented similar transformational plans with proven success, often using a common Six-Sigma-based approach.

To help you understand the transformation goals, Corporate has laid out a wealth of information on the ISSAIC Web site. Begin with http://www.saic.com/issaic/. You will need a password and your SAIC employee number. In addition, you can find a wide variety of books and e-courses on the subject at SAIC University's e-Learning site (see page 8).

SAIC has always been highly ethical and highly responsive to its customers. These two things—a strong commitment to ethical behavior and responsiveness to customers—hold SAIC in good stead as company leaders lay the foundation for even greater growth than in the past to transform into a high-performance company.

At SAIC-Frederick, Inc., we embrace these high ethical standards. Over the last three years, we have implemented a number of changes, starting by the organization of our company into well-defined directorates. Organizational enhancements that prove to be successful at SAIC will be carefully evaluated for implementation at SAIC-Frederick, Inc.

Our greatest assets at SAIC-Frederick, Inc., are the employees, and you only have to look at the many service awards we gave out this past December to realize that our dedicated SAIC-Frederick, Inc., staff are here for the long run.

Dr. Larry O. Arthur

Principal Investigator of the Operations and Technical Support Contract and Associate Director of the AIDS Vaccine Program, SAIC-Frederick, Inc.

HPV Immunology Laboratory

(continued from page 1)

The HPV Immunology Laboratory, Clinical Services Program, SAIC-Frederick, Inc., is dedicated to work for the Division of Cancer and Epidemiological Genetics (Hormonal and Reproductive Epidemiology Branch). The laboratory is headed by Dr. Ligia A. Pinto who previously worked with Dr. Gene Shearer for 8 years at the NIH, Experimental Immunology Branch, where she did her PhD dissertation as well as postdoctoral training and associate fellowship. The laboratory investigates cell-mediated immune responses to HPV antigens in natural history studies of HPV-induced cervical lesions and in HPV vaccine trials. Its goal is to identify correlates of immune protection against infection and disease progression.

Vaccination with VLPs Shows Good Potential

In phase I and II clinical trials, VLPs safely induced a strong immunologic response. In addition, vaccination with HPV-16 L1 VLP protected the subjects well against persistent infection. The laboratory has played an important role in monitoring immunogenicity of HPV-16 L1 VLP in the NCI's Johns Hopkins University phase II vaccine trials. In immunogenicity studies, laboratory data showed that vaccination with HPV-16 L1 VLP induces L1-specific T-cell responses detectable by proliferation of both $CD4^+$ and $CD8^+$ T cells and *in vitro* production of Th1, Th2, and inflammatory cytokines.

HPV Immunology Laboratory Researchers Focus on Biomarkers of Protection

Although the HPV-16 L1 VLP vaccine's protection is attributed to neutralizing antibodies, it is known that cellular immunity responses are necessary for efficacious and sustained antibody responses. Since the precise mechanisms of protection as well as the specific types of responses required for long-term protection are poorly understood, the HPV Immunology laboratory researchers are currently interested in: (1) understanding the role of cell-mediated immune responses in prophylactic and therapeutic vaccines, to identify putative biomarkers of protection against infection or disease; and (2) examining cellular immune responses to HPV antigens in natural history studies of HPV infection, as noted earlier in this article. Responses are evaluated using proliferation, cytokine profiling, and/or T-cell cytotoxicity assays.

The laboratory also develops and validates immunologic methods applicable to field studies, which include whole blood assays for multiplex cytokine detection, preparation of samples in remote sites for flow cytometric analysis, and development of methods to evaluate immune responses at the cervix. The overall aim of these studies is to gain a better understanding of host immunity to HPV through identification of putative biomarkers of protection from infection and associated disease.

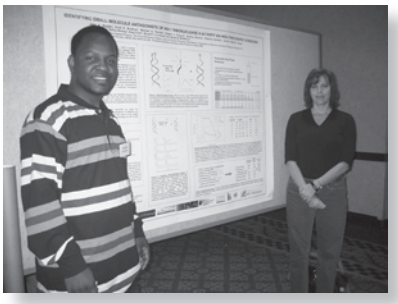
For information about the laboratory's research, contact Dr. Pinto at 301-846-1766.

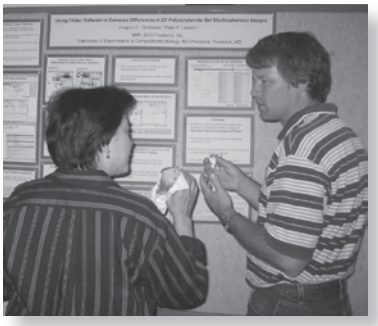
From left are Marcus Williams, Senior Technician; Alfonso Garcia-Piñeres, postdoctoral fellow; Matthew Trisett, Senior Technician; Dr. Ligia Pinto, head of the HPV Immunology Laboratory; and Dora Wallace, Research Associate.

Basic Research Program Holds Successful Retreat

The Basic Research Program (BRP) held its third annual retreat early last September in Annapolis, MD. The Advanced Technology Core Genotyping Facility (ATCGF), Gaithersburg, MD, joined BRP in the two-day event, which attracted 140 attendees.

Sixty posters were presented in two sessions. In the first session, Sara Bass was awarded first place; Lauren Haugh received second place, and third place went to Andrew Ekert. In the second session, Dr. David Thomas received first place, Dr. Changcheng Song received second place, and third place went to John Gooya.





Both technical and scientific employees provided several research presentations in their areas of expertise or research paths. Speakers included Dr. Sergei Nedospasov, principal investigator from BRP, who presented recent findings from his research on tumor necrosis factor; Dr. Tom Sayers, also a BRP principal investigator, who presented his work on apoptosis; and Dr. Meredith Yeager-Jeffrey of ATCGF, who presented her research on assessing genetic variation in humans. Rounding out the program were three outstanding guest speakers, Dr. George Rose from Johns Hopkins University, Dr. Glen Treisman from Johns Hopkins University School of Medicine, and Dr. Bill Murphy from University of Nevada Medical School and Nevada Cancer Institute. Workshops were held in the areas of bioinformatics, career management, communication skills, and grants.

SAIC-Frederick, Inc., Employees Win Fifth ESTC Award

SAIC-Frederick, Inc., scientists Dr. Li Hua Wang, Dr. Xiaoyi Yang, Dr. Xiaohu Zhang, Dr. Weihua Xiao, and Dr. Kelly Mihalic have received the Executive Science and Technology Council (ESTC) Award for their article, "Suppression of Breast Cancer by Chemical Modulation of Vulnerable Zinc Fingers in Estrogen Receptor" (*Nat Med* 10[1]:40–47, 2004). This is the fifth time in the last seven years that SAIC-Frederick, Inc., has won the award.

According to the Summer 2004 issue of SAIC Magazine, Dr. Wang and her colleagues blocked "breast cancer growth at the receptor-DNA level [by] disrupting the bond between the estrogen receptor and DNA." The researchers used DIBA (a disulfide banzamide) and BITA (a benzisothiasolone derivative) to block the estrogen receptor-mediated growth of breast cancer cells and the growth of human breast tumors implanted in mice. "A high dose of DIBA reduced tumor mass to undetectable levels. The compounds also interfered with the activation of genes controlling cell cycle and programmed cell death," the magazine article explained.

Dr. Li Hua Wang and colleague

This research is significant on two counts: (1) this finding may help tremendously to save lives of breast cancer patients, and (2) it represents a new molecular intervention strategy emerging from the synergy of molecular modeling studies, biochemistry, and molecular biology.

The competition encourages high-quality, imaginative technical work; rewards distinguished accomplishment; and honors the best SAIC papers and books.

SAIC-Frederick, Inc., among Top 10 Family-Friendly Businesses

Remember that mysterious gathering in November when every SAIC employee available was asked to meet in front of HR for a group picture? Now the truth has been revealed—on page 73 of *Frederick Magazine's* January 2005 issue.

The third annual Family Friendly Business Survey selected SAIC-Frederick, Inc., as one of Frederick County's top 10 family-friendly businesses, based on (among other things) benefits, overall work-life balance, flexibility of leave time, planned events outside work hours, and a sense of community.

BDP Wireless Initiative Saves Time and Money

The Biopharmaceutical Development Program (BDP) Engineering and IT Services groups recently initiated the use of wireless LAN technology for streamlining its calibration process. This technology allows the FME Instrument Shop calibration technicians to perform direct data entry into the Calibration Manager system, which tracks the calibration status of equipment and systems. With the assistance of Rich Fralinger of the SAIC Frederick, Inc., LAN Office, wireless network access was implemented in multiple BDP buildings.

Using laptop computers with wireless network adapters, the technicians were able to access the Calibration Manager system from various parts of Building 325 during a recent planned maintenance shutdown. Direct data entry significantly reduced the time technicians needed to perform and document a calibration, because they did not have to fill out calibration sheets and turn them over to the Engineering staff for data entry, saving a number of steps in the process. Further reduction in time is anticipated once electronic signatures are implemented because they eliminate the need to route the processed calibration sheets for manual signatures. Direct data entry also eliminated the need for a planned additional Calibration Manager module, resulting in a cost avoidance of $10,000.

Participating in this initiative were John Appling, Linda Ritchie, Greg Clarke, Dwight Hill and Alan Wolf, of the BDP; Rich Fralinger of the LAN Office; and Richard Hobbins, Jeff Hess, Barrett Eberwien, Kevin Baker, and Keith Collier, of the FME Instrument Shop.

It Was a Very Good Year

2004 was a good year for the designers, imaging specialists, and writers in Scientific Publications, Graphics & Media (SPGM). In five separate juried competitions, work performed by SPGM professionals was recognized with no less than seven awards and five honorable mentions. The competitions, which include the Communicator Awards, the Magnum Opus Publications Management Awards, BioImages, the International Association of Business Communicators Silver Inkwell Awards, and the MarCom Creative Awards, all exist for essentially the same purpose—to recognize excellence in the effective use of media in communication. Award-winning entries included:

"Today's Commitment: Promise for Tomorrow"—Full page advertisement in the March 2004 Frederick *News-Post.*

"NCI-Frederick Telephone Directory"— Cover design (April 2003 edition).

"The NCI-Frederick *Poster* (newsletter), November 2003 issue" —Best New Publication.

"Akido—The Way of Harmony"—Feature article in the August 2003 issue of The NCI-Frederick *Poster* (newsletter).

"Presence of LacZ Beta-galactosidase activity"—Photomicrograph.

"Office of Science and Technologies Partnerships"—Web page design.

"Discovery, Development, Delivery"—DVD label and case design.

"Considering that this is the first year that SPGM has offered its products for competition at this level, I think we made a pretty respectable showing," commented Ken Michaels, SPGM Manager. "I think it's correct to view this as objective validation that the work we do here for our customers measures up to high industry standards."

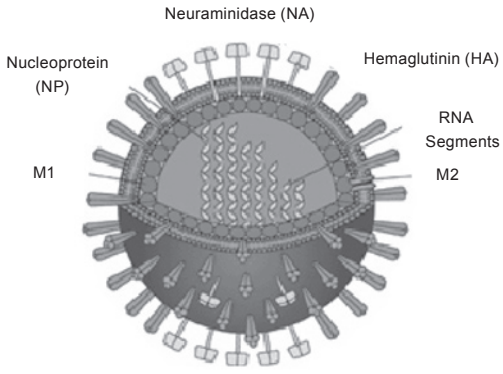
The Flu Blues

Chances are that you were late getting this season's flu shot. Because Chiron Corporation had to destroy much of its supply last fall, many of us were unable to get vaccine protection until January.

Besides Chiron, only one other manufacturer—Aventis Pasteur—supplies flu vaccine to the United States. Having just two companies puts the U.S. supply at risk—which was borne out this flu season when, because of bacterial contamination problems with Chiron's vaccine, only about half the normal supply of vaccine doses were available. (MedImmune makes a live attenuated, or weakened, vaccine, FluMist, which is taken nasally. It can only be used in healthy individuals 5 to 49 years old. MedImmune only manufactured 2 million doses this year.)

Why are there only two companies? The principal reasons are (1) the vaccine-making process is fairly involved and risky, and (2) there is little financial incentive for companies to do it. Consider that a year's supply of Lipitor costs $1,600 and Viagra costs $3,500, while an annual flu vaccine sells for $7 to $10.

Influenza Virus: ShapeShifter



Every year an entirely new flu vaccine must be designed to match the predicted flu strains' outer coat of proteins. As shown in the illustration, two key proteins on the outside of the virus are hemaglutinin and neuraminidase; these proteins interact with the host cell's surface components. Flu strains, such as the H5N1 avian flu, which caused at least 32 human deaths in 2004, are named after these two proteins.

The eight RNA segments facilitate reassortment of genes, including genes from different strains of flu (more than one strain can infect a cell at the same time). This is one reason why it is so difficult to have a flu vaccine that is 100% effective.

The process of creating a flu vaccine can be broken down into three steps:

1. Global surveillance and selection of emerging strains. Data is analyzed to determine which virus strains are currently infecting people worldwide and are the most severe. By March, three strains are selected to comprise the vaccine—two Influenza A strains (Influenza A changes frequently and can cause large outbreaks) and one Influenza B strain (which changes infrequently and causes smaller outbreaks).

2. Production in chicken eggs. Manufacturers of the vaccine must order chicken eggs (~100 million) six months before production begins. Seed virus is injected into fertilized eggs. After several days of incubation, the virus multiplies. Eggs are opened and the virus is harvested. By May, the influenza virus is purified, then chemically inactivated (inactivated virus will not cause influenza). One egg yields 4 to 5 vaccine doses.

3. Testing and quality control. The vaccine is tested to ensure it is safe, pure, and potent. After passing this phase, the three strains are combined into one vaccine, licensed by the FDA, and released for shipping in September. Vaccination begins in October/November. Any unsold doses cannot be saved and must be destroyed.

The Future of Flu Vaccine

Use of chicken eggs to culture vaccine strains may soon become obsolete. Future flu strains may be grown using human, monkey, or dog cells. Animal cells are readily available and can be quickly grown to large numbers; and production can start closer to flu season, increasing the likelihood of a match between the selected strains and those that are circulating.

Reverse genetics, which "cuts and pastes" pieces of influenza needed to form vaccine, is another process that may be used. This method is being used to develop vaccine for avian influenza. This could be a key technology because flu vaccines have never been available during influenza pandemics.

Sources

Brown, David. Fixing the vaccine supply system. *The Washington Post*, October 9, 2004:A05.

Enserink, M. Crisis underscores fragility of vaccine production system. *Science* 306, 15 October 2004:385.

Hopkin, Karen. Egg beaters. *Scientific American*, February 23, 2004.

Kaiser, Jocelyn. Facing down pandemic flu, the world's defenses are weak. *Science*, 306, 15 October 2004:394–397.

Influenza Vaccine Fact Sheet. October 27, 2004. http://www.upmc-biosecurity.org/misc/flu/vaccine.html

For more information about the flu and flu vaccine:

Centers for Disease Control and Prevention, <www.cdc.gov>.

World Health Organization (WHO), <www.who.int/en/>.

Occupational Safety Adds New Safety Officers

Environment, Health, and Safety has added three new safety officers to its roster.

Theresa Duley, Construction Safety Officer, works in the Occupational Safety branch under Dr. Scott Keimig. Previously a subcontractor on the Building 470 dismantlement project, Ms Duley now is overseeing safety issues on the Vaccine Pilot Plant construction project. She has a master's in public health and for several years has focused her expertise on construction safety and biological safety.

Chad Berkhammer, Senior Occupational Safety Specialist, also works in the Occupational Safety branch. With previous work experience as an industrial hygienist, he has worked at other biomedical research facilities.

Greg Smith, also a Senior Occupational Health Specialist, has come to the NCI-Frederick from Human Genome Sciences in Rockville, Maryland, where he worked in the Health and Safety department. He has worked in the biotechnology field for the past 10 years. He says that he welcomes the opportunity to continue his professional growth through EHS at NCI-Frederick.

New Training Manager Joins HR Staff

Sukanya Bora recently joined the HR staff as Manager, Training and Development. Originally from India, Ms. Bora has been in the human resources field for nearly 10 years. She was a senior executive in human resources at Star TV, an entertainment organization in New Delhi, India, before immigrating to this country in 2000.

Prior to joining SAIC-Frederick, Inc., Ms. Bora worked at Johns Hopkins University and Johns Hopkins Bayview Medical Center. As a training specialist, she was responsible for supervising and conducting all training-related activities. She developed and conducted numerous training programs for both management and professional staff. And it is these skills that she brings to SAIC-Frederick, Inc.

Ms. Bora was brought on board to consolidate the training efforts of the organization by overseeing and managing all training activities and to promote e-Learning through SkillPort, a program available through ISSAIC (see related article on e-Learning, page 8), which, she says, is not utilized as frequently as it could be. This Corporate-funded program includes nearly 2,000 of the most in-demand IT, desktop, and business e-Learning courses, at no charge to the employee. Corporate also makes available a wide variety of other courses, Ms Bora notes, including an MBA program through George Washington University.

To gain a better idea of what SAIC-Frederick, Inc.'s training priorities should be, Ms Bora developed a needs assessment for use by the Training and Development Steering Committee, formed from all nine directorates. After determining each directorate's training goals, she will begin with those programs that will meet the most needs. Where programs may apply to large segments of the employee population, she plans to develop a brochure or catalog encouraging participation in specific training programs.

She will make herself available to any directorate for all training needs. For example, if a directorate wants to conduct a scientific workshop, she will help coordinate all aspects of the workshop and bring the training to the staff. She will also monitor all workshops by following up with managers and staff to determine whether the training has had an impact on job skills.

If a staff member requests training in communication, the manager needs to determine why that staff member thinks training is needed, and then follow up with an analysis of whether change has taken place. In the end, the manager must determine if there has been a transfer of learning, with an improvement in a particular skill area.

"Training," Sukanya Bora says, "doesn't magically change a person when a course officially ends. Managers have to realize that training is a continuous process."

Ms. Bora can be reached at 301-846-1129, or sbora@ncifcrf.gov.

Open Enrollment Packet Prize Winners

This season's Open Enrollment included a new twist to encourage more employees to open their packets and review the contents. Fifty of the packets contained vouchers redeemable for prizes. The names of the 50 employees were randomly selected by computer. The prizes included $10 gift certificates to Borders Books & Music, Starbucks, Pizza Hut, Blockbuster, and Quiznos Subs. Prizes had to be picked up by the close of last year's Open Enrollment, December 3, 2004, and, surprisingly, 20 people did not claim their prizes. But here are the lucky 30 who did:

Carmen Anderson • Roxanne Angell • Sharon Beck • Elizabeth Boeggeman • Elena Chertova • Patrick Clester • Lori Coren • Lorraine Covell • Rocky Follin • Anne Hermone • Chad Hildebrand • Debra Hogarty • Robert Keller • Paula Krosky • Jeff Lifson • Steve Lockett • Patricia Mabry • Mary May • William Modi • Russell Reinhart • Wen Shao • Nancy Shea • Rebecca Soto • Michael Spohr • Robin Stewart • Suneetha Thomas • Siobhan Tierney • William Tucker, Jr. • John Venditti • Lori Warg

Congratulations to everyone who won, and thanks to HR for finding a unique way to focus everyone's attention on this important annual process!

e-Learning Brings the Classroom to You—Free of Charge

Don't miss out on this opportunity to learn from your desktop, at no cost to you.

With e-learning, you have access to over 2,000 courses and 6,500 books 24 hours a day, 7 days a week!

Take advantage of e-learning through the new multi-modal SkillPort platform, which provides everything you need for a comprehensive learning experience. Funded by SAIC Corporate, the e-learning program is available to all regular (full- and part-time) SAIC employees at no charge. It comprises nearly 2,000 IT, business, and interpersonal e-learning courses with interactive features, including:

- Interactive simulations and exercises
- Mentored support for many technical certification exams (i.e., Cisco, Java)
- Test preparation exams
- Technical support 24 hours a day, 7 days a week, 365 days a year
- Expert-led seminars
- 24-hour access to books online

Sample of courses:

- Strategic Management
- Finance and Accounting Curriculum
- Practical Budgeting for Managers
- Communication Curriculum
- Customer Relationship Management
- Planning for Retirement and Retirement Accounts
- Managing Multiple IT Projects
- Technical Support Agent Skills Simulation
- Living a Balanced Life Simulation

Books 24x7 Referenceware is an online resource giving you access to 6,500 unabridged books 24 hours a day, 7 days a week! These business and technology books can be accessed through the SkillPort Web site. Referenceware includes the following collections:

- FinancePro—offers instant access to a variety of financial and accounting information with reliable content from trusted publishers.
- ITPro—lets you choose from over 100 different technology topics.
- BusinessPro—offers access to business publications such as *Harvard Business Review*, and *Project Management Journal* and *PM Network* from the Project Management Institute, and more.
- OfficeEssentials—provides information on several desktop applications and graphic programs.

SkillPort can be used on company time for training that enhances your current job performance and is approved by your supervisor. All of these courses/books, as well as ISSAIC, are available to you on your own time with your own equipment, whether they pertain to your job or not.

To take advantage of SkillPort, you must first be a registered user on ISSAIC, the SAIC Intranet Web site. Please contact Sukanya Bora at <sbora@ncifcrf.gov> or Etienne Marofsky at <emarofsky@ncifcrf.gov> for ISSAIC registration instructions.

Contact Sukanya Bora at 846-1129 or <sbora@ncifcrf.gov> to register for a SkillPort consultation and demonstration.

Don't waste any more time… register now!

Winter Staff Meeting Attracts Record Crowds

December 16, 2004, marked the eighth annual winter staff meeting. Held at the Holiday Inn near Francis Scott Key Mall in Frederick, more than 1,200 attended the event, which included an extensive buffet dinner, a short address by Dr. Larry Arthur, president of SAIC-Frederick, Inc., prizes, and music by Davis Deejays. More than $4,500 in door prizes were given away during the afternoon event.

In his "state of the company" address, discussing the SAIC Corporate restructuring (see "Arthur's Corner" on page 2), Dr. Arthur said that the SAIC Corporate Leadership Council plans, through its "high-performance transformation," to assist with Ken Dahlberg's goal of doubling SAIC's value during the next 3 to 5 years. Dr. Arthur said that more than 44% of SAIC employees are also stockholders, giving them special interest in moving SAIC from a good company to a great one.

Touching on another area of importance to SAIC-Frederick, Inc., Dr. Arthur noted that as of January 1, 2005, NCI-Frederick will be a tobacco-free facility. He acknowledged the difficulty that smokers face and said that help is available through OHS for anyone who wants to quit smoking (see "NCI-Frederick Now a Tobacco-Free Facility" on page 1).

Special recognition was given to Dr. Joseph Kates, director of the Research Technology Program, who has announced his pending retirement in March. Dr. Kates, a director of Bayer Pharmaceuticals before coming to SAIC-Frederick, Inc., has been recognized with several prestigious awards, including the Eli Lily award for microbiology. The excellence of the Research Technology Directorate is largely due to the high quality of scientists Dr. Kates has recruited, Dr. Arthur said.

Dr. Jeffrey Lifson, director of the AIDS Vaccine Program, led presentation of the scientific achievement awards. He began by using a sports analogy, saying that he'd always thought peer-nominated awards were much more meaningful than those nominated by sports writers and broadcasters because "the players know more about their peers' skill, expertise, and accomplishments."

President's Award

Ken Michaels, *Manager, Scientific Publications, Graphics & Media, Research Technology Directorate*

In announcing the President's Award, Dr. Arthur said that almost as soon as he began serving as president of SAIC-Frederick, Inc., he faced his first real crisis: whether the Publications Department (now known as Scientific Publications, Graphics & Media) would be shut down. However, under the leadership of Ken Michaels, the department now receives accolades throughout the contractor and government organizations.

2004 Science Achievement Awards

Norman P. Salzman Mentoring Award

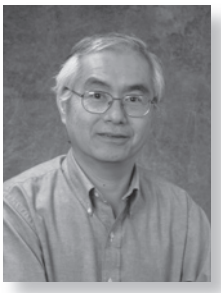
Dr. Thomas Sayers, *Principal Scientist, Laboratory of Experimental Immunology, Basic Science Directorate*

In announcing the Norman P. Salzman Mentoring Award, Dr. Kates noted that Dr. Salzman had been a principal founder of molecular virology, seeking an understanding of the viruses that affect man. Dr. Salzman established basic research process that blended molecular biology and virus research. He realized the need for mentors to inspire and promote the careers of young investigators, and his lab mentees include several now-famous researchers and a Nobel laureate.

Mrs. Lenore Salzman, widow of the late Dr. Salzman, presented the award to Dr. Thomas Sayers, Laboratory of Experimental Immunology, for his skill in providing critical input to the experimental designs of his graduate, summer, doctoral, and postdoctoral mentees, and for his expertise in contributing to their scientific development. Dr. Sayers has continued Dr. Salzman's philosophy by serving as an excellent, conscientious mentor, encouraging the conduct of high-quality science.

Distinguished Career Service Awards

Scientific Award



Kunio Nagashima, *Scientist II, Image Analysis Laboratory, Electron Microscopy Laboratory, Research Technology Directorate*

Kunio Nagashima has provided world-class electron microscopy support to the NCI-Frederick campus for 30 years, enabling NCI-Frederick to remain at the forefront of retrovirus/HIV research. Mr. Nagashima continues to undertake new research projects, such as labeling multiple proteins using differently sized gold particles, combining optical and electron microscopy, and developing FLASH-tags to allow specific proteins to be viewed in live cells with optical microscopy and then viewed by TEM (transmission electron microscopy). Because of his patience and enthusiasm, he provides the highest level of commitment and excellence in his interactions with the scientific community.

Administrative Service Award

Kathleen Nalewaik, *OHS Clinical Manager, Environment, Health, and Safety Directorate*

Kathleen Nalewaik received a Distinguished Career Administrative Award for her clinical leadership in providing skilled occupational health care, confidential and holistic health care, and superior medical surveillance for NCI-Frederick employees. Her expertise includes a master of science in nursing, certification as an adult nurse practitioner and as a specialist by the American Board of Occupational Health Nurses. A mentor to her staff, she readily shares her "secrets" for successful blood draws. A manager who leads as well as works side-by-side with others to solve problems, Ms Nalewaik often calls the OHS staff her "brothers and sisters." She contributes to a better quality of life for every employee with whom she interacts.

Outstanding Achievement Awards

Administrative Awards

Dennis Dougherty, *Senior Subcontract Advisor, Contracts and Administration Directorate*

Dennis Dougherty, committed to bringing advanced biomedical technologies to NCI-Frederick, established a series of subcontracts to obtain renowned experts in the field of nanotechnology, as well as qualified consortiums to develop a program infrastructure that will enable protein biomarker discovery in cancer. He has worked closely with the NCI Office of Technology and Industrial Relations, establishing and leading a team of highly qualified evaluators in the pursuit of this contract. Mr. Dougherty was recognized for his extraordinary ability to coordinate between NCI-Frederick, SAIC-Frederick, Inc., corporate resources, and the research community.

Yvonne Hill, *Administrative Assistant, Biopharmaceutical Development Program*

Providing outstanding administrative and project support to the Business Operations Director and the approximately 132 employees for the Biopharmaceutical Development Program (BDP), and project support to the Biological Resources Branch, BDP's Yvonne Hill earned an Outstanding Achievement Award. Ms Hill, who welcomes new challenges, supports many projects. Her expertise and innovative approaches, positive outlook, team player approach, and "can do" attitude have all contributed to the BDP's success.

Outstanding Science Achievement Awards

Doctoral Award

Dr. Timothy Veenstra, *Director, Biomedical Proteomics Program, Laboratory of Proteomic and Analytical Technologies, Research Technology Directorate*

Dr. Timothy Veenstra came to SAIC-Frederick, Inc., three years ago; his mission: to establish a world-class mass spectrometry center and program in proteomics. Thanks to Dr. Veenstra, NCI-Frederick now has one of the world's best centers in this burgeoning field. Dr. Veenstra presents his work at major international conferences in this field; and, in the last year, has worked on more than 30 major publications relating to the proteomics of cancer and other diseases. Examples of his work include the most comprehensive characterization of the human serum proteome conducted to date and the discovery of a biomarker and potential target in urine for interstitial cystitis, a debilitating disease.

Technical Award

Jeanne Warfield, *Associate Scientist, AIDS Monitoring Laboratory, Applied/ Developmental Research Support Directorate*

Jeanne Warfield is working with the NIAID-Mali AIDS Research initiative to establish an immunology/flow cytometry laboratory, designing laboratory space, selecting equipment, implementing scientific methodology, developing a QC/QA program appropriate to a clinical laboratory, and training the Malian staff.

Team Awards

Julie Laudeman, *Bioinformatics*

Specialist I, and **Thomas Silvers,** *Bioinformatics Specialist II, In Vitro Cancer Screening Laboratory, Applied/Developmental Research Support Directorate*

Julie Laudeman and Thomas Silvers, bioinformatics specialists in the In Vitro Cancer Screening Laboratory, received Outstanding Science Achievement awards, team level, for developing a sophisticated Access database to analyze thousands of compounds in the multi-functional molecular target-screening endeavor. They created multiple macros formulated to allow laboratory users to import 384-well plate data effortlessly and quickly. The customized database enables users to import and evaluate results from multiple target assays and to analyze them in a systematic, consistent manner.

Marilyn Powers, *Clinical Research Associate II, Clinical Monitoring Research Program, Research Technology Directorate*

Margaret-Anne Moos, *Clinical Research Associate III, Clinical Monitoring Research Program, Research Technology Directorate*

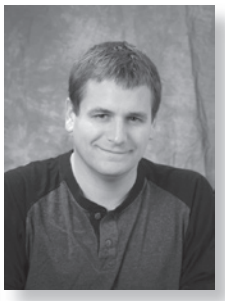
Marilyn Powers and Margaret Moos, Clinical Trials Management Team, NIAID Intramural Clinical Research Program, were recognized for their work with the US/NIAID principal investigators and investigators in Mali, Africa, to ensure the proper implementation of a phase I clinical trial. They also worked on standard operating procedures, protocol reviews, staff training on the written and approved protocols and the required FDA regulations for the completion of study data collection forms, and the monitoring of functions for two critical protocols being conducted. These efforts will aid future treatment/cures for these diseases.

Keith Rogers *(second from right), Manager, Pathology/Histotechnology Laboratory;* **Barbara Kasprzak,** *Research Associate; and* **Gayle DiSalvo,** *Senior Research Associate, Laboratory Animal Sciences Program*

Keith Rogers, manager of the Pathology/Histotechnology Laboratory, and research associates Barbara Kasprzak and Gayle DiSalvo developed a successful technology for visualizing simultaneously doubly labeled nuclei in long-label–retaining epithelial cells (i.e., stem cells) in mouse mammary glands by autoradiography and immuno-cytochemistry. They also discovered that long-label–retaining cells represent stem cells that are dividing asymmetrically and have retained the original nuclear label because they are able to selectively reserve their original template DNA strands while passing the newly synthesized DNA copies to their daughters. In this way, they are protected from DNA damage due to errors in DNA replication.

"This is the first demonstration of this property for cells in vivo, other than the crystal stem cells of the small intestine, and represents an important confirmation and extension of that work," according to the Winter Staff Meeting program authors.

Special Science Achievement Awards



Brian Staats, *Programmer Analyst II, Advanced Technology Center, Core Genotyping Facility, Principal Investigator's Office*

Brian Staats, a programmer analyst with the Core Genotyping Facility, Advanced Technology Center, developed a Web-based application, "GeneWindow," for graphically and interactively viewing gene-centric human genome annotations. The application produces export files containing essential information communicated directly to major databases, reducing time needed for sequence annotation and analysis. It includes a comprehensive collection of data such as NCBI's Genbank, dbSNP, Locus Link, and internally generated data. Because this code has been standardized, it can

also be adapted to study the genome of any nonhuman species.

Team Award

Dr. Rekha Panchal, *Senior Scientist;* **Dr. Anne Hermone,** *Programmer Analyst II;* **Dr. Tam Nguyen,** *Programmer Analyst II;* D**r. James Burnett,** *Programmer Analyst III;* **Douglas Lane,** *Research Associate;* **Tara Kenny,** *Research Technician; and* **Connor McGrath,** *Manager, Scientific Computation and Programming; Target Structure-based Drug Discovery Group, Applied/Developmental Research Support Directorate*

The Target Structure-based Drug Discovery Group's team discovered small organic molecule leads that inhibit Lethal Factor, a critical toxin in *Bacillus anthracis*, and demonstrated similar success in Botulinum neurotoxin A work. The team resulted from a joint Department of Health and Human Services and Department of Defense funding initiative. Their results have been presented to the U.S. Surgeon General, the Surgeon General of the Army, the Deputy Secretary of Defense, the Secretary of Health, Dr. Julie Gerbeding of the Centers for Disease Control and Prevention, Dr. Anthony Fauci of NIAID, and the Vice Presidential staff.

Customer Relations Awards

Scientific Award

Robert Welch, *Deputy Director, Core Genotyping, ATC Core Genotyping Facility, Principal Investigator's Office*

Consistently providing exceptional service to NCI customers, Robert Welch helped establish the Core Genotyping Facility (CGF) as a highly collaborative scientific entity that receives requests from around the world for advice in setting up other genotyping laboratories. Many customers note that working with Mr. Welch is often critical in the execution of their studies. As he continually strives to improve communication methods and quality, he assists investigators in study planning and answering questions about data that has been delivered. Mr. Welch was also instrumental in establishing an interactive Web site to track investigators' project requests.

Administrative Award

Marlene King, *Service Worker, Facilities Maintenance and Engineering*

Marlene King performs an exemplary job in providing custodial support at NCI-Frederick. The Winter Staff Meeting Program notes say that "She consistently displays attention to detail and rigorously maintains cleanliness and orderliness in the laboratory environment. She is a hard-working, industrious employee and often cleans above the normal level." As an example, the program authors said, when she learned that an employee in the building she cleaned suffered from asthma, she even vacuumed the vents in the employee's laboratory. The authors continued, "She has a very pleasant attitude and willingly goes beyond job expectations to accommodate special custodial requests as they arise, such as clean-up from flooding created by defrosting freezers. Ms King contributes to the scientific mission by making the laboratory environment a safe, immaculate, and organized place to work."

Length of Service Awards

30

Years

Fran Duignan

Administrative Assistant, Facilities Maintenance and Engineering

Fran Duignan first worked as a temp with what was then known as the Engineering Group. When a full-time position opened in Engineering, she was offered the job, and the rest is history—she now works for William Lonergan, Director, and Deborah Dobbe, Deputy Director of FME. Ms. Duignan explains that FME "is such an integral part of NCI-Frederick: It operates, maintains, and upgrades all NCI-Frederick buildings and their utility systems, and provides engineering design services, project management, and construction management for new research facilities.

Her favorite memories include the crab feeds (where she learned the art of dissecting a crab); yearly staff meetings at Peace and Plenty, New Market; a trip to Charlestown Racetrack; and trips to see Cal Ripkin play at Memorial Stadium. "More than anything," she comments, "I am grateful to have worked with so

many special people, including Herb Bloom, George Zier, Wayne Rhoderick, Dick Carter, Bob Koning, Dr. Marie Reeves, and many others. All have shared their time and knowledge, which has made my life and job a lot easier and more fun."

Rocky Follin

Senior Designer, Facilities Maintenance and Engineering

When he started here, Rocky Follin was the youngest—and greenest—member of the Engineering Department, charged with copying the engineers' drawings. Now, as a senior designer, he makes the drawings. He says one of the best aspects of NCI-Frederick is "the many people who have shared their time and talents here at NCI-Frederick." Taking a design from the idea stage to the finished lab gives him a real sense of accomplishment because "our goal is to provide efficient, modern laboratories for our researchers."

He notes that 18 of the current 105 buildings didn't exist when he started; and 12, remnants of the Biological Warfare Program, were vacant. "Walking through the unoccupied buildings in the mid-seventies was eerie," he recalls.

Mr. Follin is a member of the FME summer picnic committee, volunteers at the Frederick County Public School Career Camp, and participates in the Campus Improvement Committee.

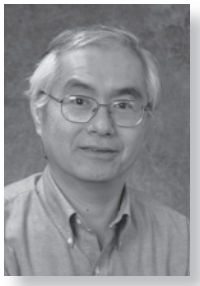
Mr. Follin says he appreciates the help of the many mentors who have shared their knowledge, and the scientific and technical staff who helped him understand laboratory processes. He says, "I am proud to be a part of this dynamic scientific community."

Andrew R. Garner

Order Filler, Warehouse

No Photo Available

Kunio Nagashima



Scientist II, Image Analysis Laboratory

Kunio Nagashima manages the Electron Microscopy (EM) Laboratory, part of the Image Analysis Laboratory (IAL), headed by Dr. Stephen Lockett, Research Technology Directorate.

Even though he has worked in the same area during his 30 years at NCI-Frederick, Mr. Nagashima has seen quite a few changes in equipment. For one thing, he says he has "moved from using analog (making micrographs in a darkroom) to digital cameras (CCD camera-captured digital micrographs)."

When asked what he would consider the most interesting or exciting changes he's seen at NCI-Frederick, either in the parameters of his job or in the facility as a whole, Mr. Nagashima commented, "The AIDS building is up and the anthrax building is down."

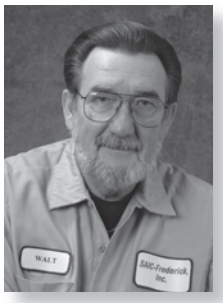
In March 2003, Mr. Nagashima saw his first co-authorship in print. Along with Usha Acharya, Shetal Patel, Edmund Koundakjian, Xianlin Han, and Jairaj K. Acharya, he co-authored "Modulating Sphingolipid Biosynthetic Pathway Rescues Photoreceptor Degeneration," published in *Science Magazine* [299:1740–1743 (DOI: 10.1126/science.1080549)].

Mr. Nagashima takes pride in his work and feels that the most important aspect is ensuring customer satisfaction.

Wanda K. Shook-Bartlett

Prime Contract Coordinator, Contracts and Administration

Walter Smith



Assistant Foreman, Millwright/Machine Shop, Facilities Maintenance and Engineering Directorate

Walter Smith first worked as a senior industrial equipment mechanic in the Preventive Maintenance Shop, helping establish the system for certifying Biological Safety Cabinets. With training in certification of Biological Safety Cabinets at the Harvard School for Public Health, he moved to the Millwright/Machine Shop, training and supervising maintenance personnel on the repair and maintenance of all steam sterilizers.

Mr. Smith thinks the greatest change over the years has been the use of computers instead of muscle to perform maintenance tasks. "Now," he says, "I punch a keyboard and get it dirty instead of using wrenches and greases that would get me dirty."

Mr. Smith has won three outstanding performance awards. A proud moment in his career was being part of the help his department provided to quickly evacuate animals from a nearby building when the building around the "8-Ball" burned down. "As far as I know," Mr. Smith recalls, "we did not lose one animal."

25 Years Rachel B. Beard • Anne T. Chaltain, Jr. • Lorraine D. Covell • Darlene M. Green • Deborah J. Griffiths • James G. Hannigan, III • Timothy L. Lenhart • Dominic A. Scudiero • Sheridan O. Sewell

20 Years Joseph W. Collins • Gary W. Custer • Stephen D. Fox • Rocco Guariglia, Jr. • Barbara H. Kasprzak • John W. Mount • Darlene R. Reaver • Darlene L. Rosmarino • Timothy A. Rowe • Edward C. Sandy • Sherry A. Stockman-Crummitt • Bruce I. Tobias • Mary Jane Troncatti • Ginny A. Whipp • Deborah D. Whitmore • Jefferson M. Wright

15 Years Cheryl M. Ahalt • Tammy I. Beachley • Paul K. Beard • Thomas W. Beck • Earl W. Bere, III • Elizabeth C. Borror • Alan D. Brooks • Lori S. Brooks • John R. Buckley • Gregory S. Buzard • Mary N. Carrington • Eying Chen • John W. Connelly, Jr. • Charles C. Couch • Sherri L. Cregger • Troy D. Cregger • Tarra W. Dumas • Miriam M. Ferraro • Richard M. Frederickson • Shelly K. Hollinger • David W. Johnston • Laura K. Knott • Felicia J. Krapf • Philip A. Krietz • Cathy L. Lenhart • Timothy K. Lenhart • Barbara A. Lescalleet • Marvin D. Lescalleet • Yalun Liu • Lora M. Main • Kathy A. Marlow • Gretchen D. Martin • Nancy L. Mayo • Barbara J. McElroy • Wendell J. Miley • Gina M. Moon • Kathrin Muegge • Linda B. Newman • Tammy D. Ovejera • Guo Kui Pei • Cynthia M. Pople • Timothy M. Potter • Penny J. Sellers • Christopher J. Semler • Thomas E. Silvers • Susan E. Smith • Paul C. Summers, Jr. • Lori L. Testerman • Andrea L. Turner • Victor P. Wells • Mark D. Whitmore • Wendy S. Zimmerman

10 Years Kimberly S. Abdinoor • Mary E. Albaugh • Stephen K. Anderson • William J. Bosche • Michelle D. Brewster • Shawn K. Brown • Andrew F. Burnette • Donna J. Carter • Zhang-Qun Chen • Elena N. Chertova •Cynthia M. Culler • Ivery L. Davis • Robin L. Dewar • Genetta Jo Dixon • Dennis J. Dougherty • Jing M. Fong • Herbert W. Hagenau • Glenn W. Hanes, Jr. • Toni L. Harbaugh • Helene C. Highbarger • Kimberly D. Hill • Mohammad Ishaq • Min Kang Jiang • Scott D. Keimig • Young D. Kim • George C. Knapp, IV • Anna K. Layman • Kelly F. Leib • Nicole L. Lum • Matthew J. McCollum • Timothy J. Murphy • Ven Natarajan • Ray D. Price • Dana M. Randall • Rebecca J. Rohrback • Barbara A. Romeka • Joseph E. Saavedra • Akram S. Shah • Teresa L. Shatzer • Michael W. Smith • Roberta M. Smith • Troy E. Taylor • Kenneth W. Thomas • Julie M. Toms • John M. Venditti • Cheng-Dian Wang • Paul W. Wright • Yu-Chun Zhou

5 Years

Asha Adem • Karen V. Allen • Rachel K. Bagni • Andrew L. Barr • Sara E. Bass • Donald R. Beauchamp, Jr. • Steve C. Berg • Julie A. Bergeron • Marion K. Bona • Gregory L. Borchert • Ronald W. Brown • Mark W. Burkett • Tracy B. Butler • A. Nichole Cline • John P. Cobuzzi • Karen C. Cowden • Marta A. Custer • Jean Robert Cyril • Ren-Ming Dai • Robert W. Davis • Becky M. Defelice • Inna R. Dzekunova • Gregory J. Feaga • Emily D. Ford •

Richard R. Fralinger • Connie L. Frere • Michelle L. Gignac • Lisa M. Gray • Joseph E. Gruden • Diana C. Haines • Ana R. Hancox • Catherine I. Harrison • Deborah Higdon • Charlana L. Hughes • Bonnie S. Hunter • Jason M. Inman • Stephen Jay • Scott K. Jendrek • Kathryn S. Jones • Anne U. Kamata • Kathy A. Keller

• Brooke T. Kidwell • Aparna S. Kolhekar • Olga A. Kozhich • Edward S. Krusinski • Bradley Leggett • Hong Juliet Luo • Timothy R. McNickle • Giovanni Melillo • Christine C. Miller • Gautam Mitra • Guity Mohammadi • Cheryl L. Mowen • Delores M. Nelson • Thomas F. Ouellette • Val Joe Painter • David W. Petersen • Robin M. Pickens • Amy E. Poisson • Barbara A. Poore • Debra A. Ramsburg • Annamaria Rapisarda • Rose M. Raymond • J. David Roser • Sukanya Sathyanarayana • Loretta A. Scheetz • Samir H. Shaban • Nancy B. Shulley • Gopalan Soman • Lee L. Stambaugh • Cedric R. Sukie • Karen K. Toms • Matthew T. Trivett • Chung-Jung Tsai • John P. Tyeryar • Badarch Uranchimeg • Denise Whitby • Peggy E. Wickless • Alison J. P. Wilkerson

Thanks for Giving

Thanksgiving is traditionally a time to reflect on your own blessings and good fortune. At NCI-Frederick, it is also the time to consider sharing your blessings with those less fortunate in Frederick County. And last Thanksgiving was no exception. The 13th Annual Food Drive, sponsored by FME and SAIC-Frederick, Inc., kicked off on November 24th and raised $7,100 to help the Frederick Rescue Mission in its fight against hunger.

Monies were used to set up an account with the Frederick Produce Company, so the charity can buy food throughout the year for its operations at Faith House and Beacon House, which serve the hungry and homeless men, women, and children of Frederick County. This is no small task. In the first 11 months of 2004, the Frederick Rescue Mission served over 60,000 meals and provided overnight facilities to more than 9,000 people.

In the Frederick Rescue Mission Partnership Letter, Dean C. Marchese,

Thomas Skaggs, Frederick Rescue Mission; Debbie Vessa, FME; Debbie Dobbe, FME; Ginny Greene, Charles River Labs; Bill Lonergan, FME.

CEO of the Mission, stated, "Your generous giving has helped literally thousands of men, women, and children….It is because of incredible people like you that have given from their hearts that we have been able to put a smile on someone's face, give them a warm place to stay and a shoulder to lean on."

Deborah Dobbe, Administrative Director, FME, and 2004 Food Drive Chairman, commented, "I cannot express how much I appreciate the efforts of our volunteers. Some groups recycle all year long and the proceeds go towards this Food Drive. I'm fairly new to SAIC-Frederick, and this has been a wonderful opportunity to get to know the members of our community. It is refreshing to meet so many individuals full of the spirit of giving. To each person who contributed to the drive, as a volunteer or donor, I'd like to say, 'Thanks for giving.'"

Santa Pays Visit to SAIC-Frederick, Inc.

'Twas Four Days before Christmas and…

One afternoon a few days before Christmas, busy employees heard a commotion throughout their offices. When they looked up, what to their wondering eyes should appear, but Santa himself. He strode down hallways and burst through doorways, spreading good cheer. While Santa passed out candy, his elf passed out holiday greetings from Protective Services, which included 10 tips for improving security on campus.

He disappeared as quickly as he arrived, but many thought they heard him exclaim as he walked out of sight, "Happy Holidays to all—keep your office locked tight!" Santa's visit was a good reminder that, even during holidays, you should never let your guard down, in your office and around campus. For more information, contact Protective Services, 301-846-1091.

Important Telephone Numbers

Ethics Hotline **1-800-435-4234**
Human Resources Department . . . . . **(301) 846-1146**
Benefits Questions, HR Department . . . . **(301) 846-1146**
SAIC Stock Programs **1-800-785-7764**
SAIC Stock Price **1-888-245-0104**

SAIC Stock

As we go to press, the price for SAIC Class A Common stock was re-established by the SAIC Board of Directors on January 14, 2005, at $40.55, up $2.41 from $38.14. Only those employees who submitted a Limit Order by January 13, 2005, were eligible to participate in the January 21, 2005 trade. Modifications to limit orders that were submitted online had to be made by 5:00 p.m., Pacific Time on January 21, 2005.

Stock price set . . . . . **January 14, 2005**

Trade dates (subject to change) . . . . . **April 15, 2005**
June 17, 2005
September 23, 2005
December 16, 2005

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News & Views
Operations and Technical Support

SAIC-Frederick, Inc.
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