

Automated Time and Attendance System in Place for New Fiscal Year

By the time the new fiscal year begins on September 30, 2006, most SAIC-Frederick, Inc., employees will find that paper time cards are a thing of the past as we convert to an electronic time and attendance system. This past year, staff members of Contracts and Administration; Environment, Health, and Safety; and the Vaccine Clinical Materials Program have trained and begun using the new system, Time Wizard.

Haven't been trained yet? Don't worry; you will be. Staff members of the Payroll and Finance departments are training each directorate. Training is fairly simple, taking only about 45 minutes. Then, for one or two pay periods, you enter your hours in the user-friendly system on a test site, as well as on the paper time cards.

Time Wizard has many advantages. Foremost is that edits are built into the system to ensure that time cards submitted to Payroll are in compliance with company policy. In addition, you will enter your hours directly on-line. As an employee, you will have easy access to the system for log-in, using your employee number and password. The system allows you to record notes on the time sheet daily, and you will be able to access your time sheets from earlier pay periods. As a supervisor, after you review your employee's time sheet, you can simply click to approve, eliminating the need for you to sign each sheet. The electronic versions of the time sheets will eliminate the need to store paper copies.

With the excellent training you will receive, and the ease and convenience of use, you'll wonder how you ever did your time card before the Time Wizard system was implemented. ☺

Have questions?

Call one of the following people to find your answers.

Time sheet issues or policy:

Help Desk: 301-846-1200

Technical problems, passwords, or organizational changes:

Ken Dinsmore 301-846-1530

Debbie L. Green 301-846-5545

Kim McLean 301-846-1149

IAL: Where Unconventional Thinking Is the Norm



Dr. Stephen Lockett

Sometimes conventional thinking can be a bad thing in research. So says Dr. Stephen Lockett, head of the Image Analysis Laboratory (IAL), Research Technology Program.

Thinking unconventionally has enabled Dr. Lockett and his colleagues in IAL to explore living cells under the microscope in a way that very closely mimics the cells' lives in a living organism.

Dr. Lockett believes that "what is going on in progression of cancer is not so much faults in individual cells, but more to do with faulty interactions between cells."

Key to this exploration is the confocal microscope, which fits right into Dr. Lockett's philosophy, as it is an unconventional apparatus—essentially, an upside-down optical microscope. Where most microscopes' lenses focus on the sample from above, the confocal microscope focuses from underneath.

In a recent interview, Dr. Lockett explained that the reverse focusing mechanism is necessary "because we're

working with live cells in liquid." By coming up from underneath, "the objective lens is brought up to focus on the glass part of the Petri dish," he said.

The Confocal Microscope

A fundamental problem with conventional microscopes is that they can only image thin samples. If the sample is thick, which is the case for all samples of intact cells, the conventional microscope image inevitably consists of the sum of in-focus signal from the focal plane in the sample and out-of-focus components from the sample above and below the focal plane. The result is always a blurry image!

(continued on page 2)

Arthur's Corner**Tenth Directorate Being Formed**

For several years, SAIC-Frederick, Inc., has been divided into nine directorates to better serve our customer, the National Cancer Institute. After many discussions with our customer and careful evaluation of the NCI's needs, we are putting in place a tenth directorate: the Clinical Research Directorate (CRD).

The CRD, an incorporation and expansion of the Clinical Monitoring Research Program (CMRP) directed by Beth Baseler, will provide support to major programs within the NCI and the National Institute for Allergy and Infectious Diseases (NIAID).

Dr. Barry Gause has accepted the position of CRD director and will assume his duties in November (look for an interview with him in a later issue of the newsletter). He will be familiar to many at NCI-Frederick, since he worked with Ms. Baseler and others in the Biological Response Modifiers Program that began here in

1981; the program was transferred to Bethesda in 1996.

Dr. Gause has a wide range of experience in the medical field, making his selection as CRD director an excellent fit. Among other things, he is an oncologist who has been involved in clinical research, patient care, and mentoring new clinical research fellows.

CRD clinical research professionals support NCI in its efforts to conduct concept-based clinical research trials applicable to treating many cancer types. CRD staff supports NIAID in its domestic and international clinical research initiatives to understand, treat, and ultimately prevent the myriad infectious, immunologic, and allergic diseases that threaten millions of human lives. An important component of SAIC-Frederick, Inc.'s support to each of these programs is being able to respond quickly to urgent and compelling clinical requirements driven by scientific need.

Dr. Gause's primary role will be to develop ways to enhance our support to the Center for Cancer Research (CCR), NCI. He will work closely with Ms. Baseler to streamline projects and provide a stable, yet flexible, clinical

support infrastructure covering a full range of services to both Institutes, such as direct patient care, additional scientific oversight, project and programmatic management, regulatory compliance and clinical trials management, quality assurance, international collaborations, and medical writing. Building on the programs and procedures CMRP already has in place, these services and activities will strengthen the framework for this new directorate to respond effectively and rapidly to public health concerns.

I'm very excited and pleased about the development of this new directorate and am delighted to welcome Dr. Gause back to NCI-Frederick. With his expertise, we will be able to serve our customer well in the research, design, development, and improvement of new and existing programs. 🍷



Dr. Larry O. Arthur

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

IAL (continued from page 1)

The confocal microscope (see fig. 1, next page), on the other hand, blocks the out-of-focus light with a pinhole at the focal point of light emitted from an equivalent point in the focal plane. Only light from this point in the sample makes it efficiently through the pinhole and into the detector (dotted lines). The problem with the configuration in figure 1 is that it only detects light from one point in the sample. In order to collect an image, rapidly oscillating mirrors scan a point of laser excitation light across the sample (fig. 1B). Emitted light coming back from the sample is "descanned" by the same oscillating mirrors before passing through a

dichroic mirror to separate it from the excitation light before going to the pinhole and detector.

Advantages of the Confocal Microscope

In Dr. Lockett's estimation, the confocal microscope has several advantages over conventional microscopes, and even over electron microscopy, which is another service his laboratory offers.

With electron microscopes and other microscopes, the researcher works with fixed slices of the sample, sometimes as thin as 1/2000 of the thickness of a piece of paper, greatly restricting the

types of quantitative analysis that can be performed. While studying the slices can teach the researchers a lot, they only can see what is in that slice, not what was above or below that slice in the whole cell.

On the other hand, with confocal microscopy, "We can take a 3-D image of the whole cell and get a complete map of where a particular protein is in the cell," Dr. Lockett said.

Additionally, the computer control offers a major advantage specific to confocal microscopes, in that the computer records each setting, so that the researcher can easily build an exact

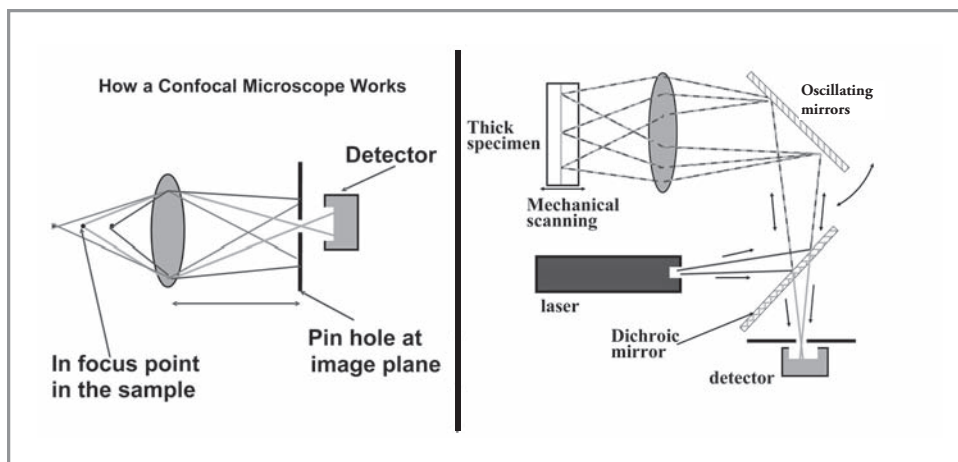


Figure 1. Panel A: Principle of the confocal microscope. A pinhole at the focal point in the image plane passes emitted light to the detector and blocks light from any other point. Panel B: A pair of oscillating mirrors scans a point of excitation light from a laser across the sample. The emitted light is “descanned” and sent to the pinhole and detector. The focal plane in the sample is changed by mechanically moving the focal position of the sample.

record of what was done, making it easier to repeat an experiment under exactly the same conditions.

The Confocal Microscopy Facility (CMF) includes Dr. Lockett, Dr. Prabhakar Gudla (Reddy), and Dr. Luis Rodriguez; and two summer students, Jusub Kim and Jason Collins. CMF gratefully acknowledges voluntary support from Dr. Dean McCulough and Monica Londono-Rodriguez. Dr. Lockett is located in Building 538, Room 104A; 301-846-5515, or <slockett@ncifcrf.gov>. ↻

Scientists Helping Scientists

In last spring’s visit to NCI-Frederick, Dr. John Niederhuber, Acting Director of the NCI, stated that he would like to see our resources used more by other grantees. “I’d like to lessen the barriers between intramural and extramural partnerships. Developing partnerships is very exciting for us,” he said.

Through a recent agreement signed with the Frederick Innovative Technology Center, Inc. (FITCI), SAIC-Frederick, Inc., is helping promote the value and benefit that NCI-Frederick can offer to non-federal entities, especially start-

up firms that do not have the in-house capabilities offered here, to foster their scientific pursuits.

The program is in part an outgrowth of our participation in the Work for Others/Economy Act program. FITCI is a technology business “incubator” located at nearby Hood College. Under the agreement, FITCI clients may obtain from NCI-Frederick, special or unique services not available elsewhere. For example, a client might seek Research Technology Program services, such as mass spectrometry, NMR spectroscopy, real-time PCR, imaging, protein expression, or histopathologic evaluations, to name only a few.

Each request will be evaluated, with our response dependent upon available capacity to provide the work and, of course, is subject to NCI review and approval. “This mechanism will then allow NCI/SAIC-Frederick, Inc., to evaluate each request, guide it through the appropriate laboratory for review of available capacity, and either propose a cost to complete or provide notice that the services are not available at that time,” John Trifone, SAIC-Frederick, Inc.’s director of acquisitions and logistical services, explained. “It is unlikely that FITCI or their partners would locate here, on-site, to conduct their own work, but rather we would

conduct the work for them, utilizing the existing NCI laboratories and equipment,” he said.

FITCI, a nonprofit organization founded in 2004, provides local entrepreneurs with fully equipped office space, as well as the shared use of various Hood College facilities and support equipment, including commercial and wet laboratory spaces. In addition, FITCI staff provides its customers with business plan reviews; consulting services; a mentoring program; networking, marketing, and public relations assistance; periodic seminars on business topics; and funding assistance. ↻

SAIC-Frederick, Inc., Cares

SAIC-Frederick, Inc., supported the Maryland community during the second quarter of 2006 with donations of over \$10,000 to charities, schools, and other organizations throughout the state. Among the recipients were the March of Dimes, Western Maryland Division; the Maryland Ensemble Theatre; and local events in support of the Frederick Rescue Mission, American Diabetes Association, and the American Cancer Society. ↻

Navigating the Regulatory Waters at the Biopharmaceutical Development Program

Navigating the regulatory process for clinical drug development can be challenging at best. Just compiling the regulatory submissions documentation needed for clinical drug development can be a difficult, and sometimes frustrating, experience. The U.S. Food and Drug Administration (FDA) has published hundreds of guidance documents to dig through, along with the *Code of Federal Regulations*, to help sponsors with the documentation. Fortunately, the Biopharmaceutical Development Program (BDP) has its own Regulatory Affairs (RA) department to assist with this process.



Regulatory Affairs staff, L to R: Sheryl Ruppel, Karyol Poole, and Kathryn Riling.

Regulatory Affairs Department Provides Critical Support

Products made by the BDP are used in early clinical trials for cancer, AIDS, and other diseases. The BDP RA group prepares documentation describing these products for submission to regulatory agencies. The information included is related primarily to the manufacturing and testing of monoclonal antibodies, recombinant proteins, peptide and DNA vaccines, viruses, gene therapy products, and other biologicals. The RA group also assists with Pre-Investigational New

Drug Application (Pre-IND) and Investigational New Drug Application (IND) documentation needed to get early-phase clinical trials started, and interfaces with regulatory agencies (such as the FDA) to set up needed meetings to move clinical development of the products along.

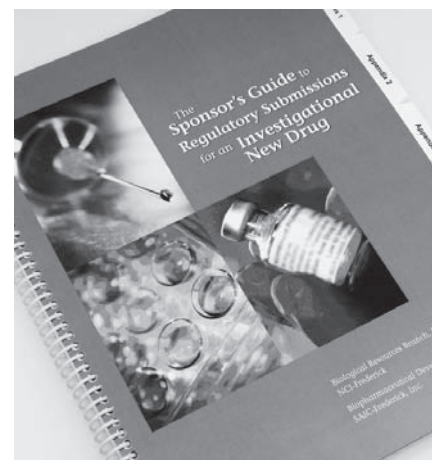
The BDP RA group includes three full-time people, Sheryl Ruppel, Karyol Poole, and Kathryn Riling. All three started out as lab technicians and worked in various phases of development, manufacturing, or testing of clinical products, and then eventually moved into Regulatory Affairs.

Excellent Teamwork Leads to Success

Excellent project management and teamwork are a big part of a successful regulatory group. Getting all the pieces of a project assembled and turning them into a consistent document for a regulatory agency (such as the FDA) to easily review, and demonstrating that a product is safe for use in humans are demanding tasks. Chemistry, Manufacturing, and Control (CMC) sections of INDs generally include 300 to 400 pages of documentation. However, the BDP regulatory group has had CMCs as large as 1,000 pages. Having a team of people (including scientists, Quality Control, Quality Assurance, RA, and manufacturing staff) who are flexible and committed to meeting needed regulatory agency deadlines is essential.

Guidance for Regulatory Submissions

One of the popular documents developed by Karyol Poole to help principal investigators with the regulatory process is *The Sponsor's Guide to Regulatory Submissions for an*



The Sponsor's Guide to Regulatory Submissions for an Investigational New Drug is a useful tool for understanding the Pre-IND and IND submission process.

Investigational New Drug. Writing and publishing this guide was Mrs. Poole's field work project for her master's degree at Hood College. The guide provides simple, summarized information on the FDA Pre-IND and initial IND submission process. It includes drug development timelines, references for obtaining additional information, and examples and templates for letters, packages, and forms required for submissions to the FDA. The guide has been a useful tool for many of the BDP's principal investigators, by providing easy-to-follow procedures for handling submissions to the FDA. The best part is that it is available free on the BDP Web site at: wwwbdp.ncicrf.gov/pdf/GuidetoRegSubs.pdf.

For more information or questions about the regulatory process for clinical drug development at the BDP, contact Sheryl Ruppel at 301-846-5826, or sruppel@ncicrf.gov. ↻

FME Machine Shop: Customizing to Meet Special Science Needs

According to Max Reed, the Facilities Maintenance and Engineering Machine Shop is perhaps one of SAIC-Frederick, Inc.'s best-kept secrets. With only two men, Tom Crone and Jimmy Notnagle, working with machinable materials from aluminum and stainless steel to acrylic and nylon, they create one-of-a-kind items for laboratories and offices across NCI-Frederick.

Often, they first make a prototype for the requester, then make adjustments to refine the object needed. These talented machinists also repair many items and equipment, especially when the item is no longer made by the manufacturer. Some recent projects have included ventilation shafts, low-radiation and splash shields, acrylic glove boxes and utility wipe boxes mountable on either a wall or a magnetized surface, and specialized test tube racks.

Mr. Reed, the duo's supervisor, said that among the largest items they've made have been hoods. More than once, they've had to build the hood in the shop, disassemble it, then reassemble it in the laboratory. One of the largest hoods they made was for Dr. Anil Patri. Studying materials that were very sensitive to dust and even vibrations, Dr. Patri needed a biosafety hood that could be opened and closed without disturbing the materials. So the machinists made a self-contained, 60-inch-high hood with a rolling door attached to a pulley that opened and closed very smoothly and gently.

"We want to help the programs; that's what we're here for," Mr. Reed said. Mr. Notnagle agreed, commenting that "there's something different to do all the time; it's always challenging and interesting."

The machinists have worked together for a combined total of 70 years among the three men: Mr. Notnagle has been a machinist with FME for 15 years, Mr. Crone for 24 years, and Mr. Reed for 31 years.

A more detailed article on the Machine Shop's work will appear in the September issue of our sister publication, *The Poster*. ↻



FME machinist Tom Crone mills an acrylic block to create a test tube holder.

Central Glassware: Ensuring High-Quality Science

Think of the research taking place at NCI-Frederick, and you think of principal investigators, research technicians and associates, administrators, supercomputers, and specialized, high-



Some of the staff of Central Glassware in Building 560. Front, L to R: David Brasbears, Michael Minnick. Back, L to R: Michael Lind (Manager), Martin Todd, Tammy McVay.

tech equipment. But you may not think of the vast support systems underlying the scientific effort here.

One such support system is provided by SAIC-Frederick, Inc.'s Central Glassware department, part of the Research Technology Directorate. Managed by Michael Lind, and with a staff of 20, this department cleans and sterilizes all the glass and plastic containers used in the laboratories throughout NCI-Frederick. "What we do saves time and effort, and frees the scientists to do their science," Mr. Lind commented, adding, "and we ensure that the processing is done correctly, every time."

Twice a day, Central Glassware personnel pick up soiled material from

the labs and whisk it away for cleaning and sterilizing. Almost like magic, it is returned within hours to the lab's individual storage cabinets, ready to be used again.

But there's a lot of work behind that magic.

Over 1 Million Pieces Processed Annually

In an average year, Central Glassware processes over 1 million pieces from over 240 laboratories, in one of six processing areas, often called "kitchens." Their van stops at 17 buildings (including one off-site) to pick up and deliver glass and plastic beakers, media and reagent bottles, flasks, and graduated cylinders of all sizes.

Glassware *(continued from page 5)*

Caps are removed from containers and processed separately.

Once in the kitchen, caps are removed for separate processing, and the materials are checked for excess soil. Those that are excessively dirty are hand-rinsed in a sink prior to being loaded into the washing racks. Computerized dishwashers first wash the materials in an alkaline solution, followed by a detergent wash and a distilled-water rinse.

Many Check Points

Following the 28-minute wash cycle, the materials are removed for the first of many inspections. Each rack is checked for soap residue, using a special solution, Bromothymol Blue, that turns blue when it comes into contact with a residue. If any piece shows residue, the entire rack is returned for a second wash.



Glassware is removed from oven after 3 hours of sterilization.

Next, the racks are placed into ovens, where the materials are dried for 20 minutes at 350°F. Once removed, they are checked for spots, sealed with foil, labeled, and marked with special tape that turns dark brown when sterilization is complete. Following the same preparation procedures (excluding the 20-minute drying cycle), plastic materials are autoclaved for 30 minutes; the glassware is returned to the oven for 3 hours.

The oven is equipped with a chart recorder, which ensures sterilization. Staff members keep a "Daily Testing Log" to record the status of each load of materials being processed, so that if questions ever arise, there is a written record of when the pieces were processed.

After sterilization, each piece is inspected to be sure it is spot-free prior to being returned to the lab. Any piece that is less than spotless is reprocessed. "We don't let anything out of here that has any spots or marks on it," explained Mr. Lind. "That might contaminate an experiment."



After sterilization, each piece is inspected prior to being returned to the lab.

Special Services Also Available

In addition to the routine processing of glassware and plastics, Central Glassware provides special services on request, including washing velvets; preparing bell units; processing pipettes and specialized glassware; autoclaving liquids; and processing laboratory spatulas, stir bars, etc. Media pickup and delivery are also provided on request.



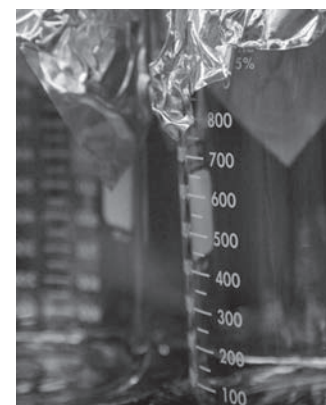
Pipettes are processed in special containers.

Hard-working Staff

Many Central Glassware staff have been here a long time, one for 30 years. One of the reasons for this longevity,

explained Mr. Lind, is "We have become like an extended family over the years." His staff are quiet, hard workers who understand the importance of their work to the science taking place here. "A lot of the work here is customer service," Mr. Lind said, adding, "And we go out of our way to keep our customers happy." The care that the staff takes—toward each other, toward their customers, and toward their work—creates a personable, professional environment that the laboratories can depend on to ensure the integrity of their research.

For more information about Central Glassware's services, contact Michael Lind, 301-846-5058, or mlind@mail. ☎



Central Glassware Staff

The following people work hard to clean and sterilize the glassware and plastics used in the laboratories. The next time you think of the science at NCI-Frederick, remember some of the people who help make it possible:

Bonnie Baxley, Lucille Bowie, Sarah Bowie, David Brashears, Delores Carroll, Cynthia Culler, Celestine Dixon, Helga Fox, Sylvia George, Tamika George, Charlana Hughes, Michael Lind, Kathy Linebaugh, Tammy McVay, Michael Minnick, Aruna Patel, Arvind Patel, Ellen Ray, Elizabeth Ruck, Martha Todd, and Martin Todd.

Andi Gnuschke Appointed to SAIC Employee Ethics Committee



Andrea Gnuschke

Since March 2006, SAIC-Frederick, Inc., has had its first representative on the corporate Employee Ethics Committee (EEC) in the person of Andrea (Andi) Gnuschke.

SAIC Corporate's Vice President for Ethics and Compliance, Laura Kennedy, head of the corporate ethics program, stressed that "ethics is a core value essential to achieving our vision of growth and our mission to deliver best-value solutions to our customers. Ethics must be driven by the leadership. Leadership support of the Employee Ethics Committee (EEC) will ensure that it remains a vital component of our Ethics program."

She continued, "The EEC manages ethics cases and continually searches for new ways to invigorate our ethical culture. It shares best practices and communication tools that can be used by all businesses, adopts new approaches through benchmarking with similar companies, and discusses cases involving issues that confront all businesses. Both the EEC and the businesses benefit if every Business Unit has a representative on the EEC."

Wide-Ranging Responsibilities

EEC representatives

- Champion ethics and compliance and serve as a point of contact for those issues;
- Work with functional departments such as Human Resources and Internal Audit on the investigation of ethical issues raised by employees;
- Recommend steps to enhance ethical conduct and prevent misconduct in the workplace;
- Disseminate communications to institutionalize principles of ethical conduct; and
- Ensure the training of all staff.

As corporate EEC representative, Ms. Gnuschke received training both at corporate headquarters in San Diego, CA, and in Vienna, VA. She also attends monthly corporate committee meetings via teleconference. According to Ms. Gnuschke, "Each committee member—and there are about 40 of us—who has an active case, summarizes it during the teleconference; the rest of the committee gives suggestions or recommendations. That way, we collaborate on all the active ethics cases throughout SAIC."

She continued, "Usually, it's small, interpersonal issues that people bring to me, and these mostly result from miscommunication between people. However, a portion of my training dealt with scientific misconduct and the integrity of research. At the employee ethics briefings, I always remind people to fully cite their sources, to conduct their research with integrity and truthfulness. We have to document everything," she said.

Another responsibility is maintaining a 90% employee attendance record in the ethics briefings. "It doesn't matter whether you do it online, in a lecture, or on CD-ROM," she said, "but it has to be done once every two years." To handle all of the employees, she offers briefings on a quarterly basis.

Responding to Employee Ethics Issues

Ms. Gnuschke responds to any ethical concerns that are brought to her attention or to the employee ethics committee's attention. That means that even in casual conversation, if someone brings up an ethical concern, she must record and respond through the formal process established by the EEC. "Employees can contact me directly, or they can fax, e-mail, or call their concerns to the ethics hotline at 800-760-4332. And they can do so anonymously, if they prefer. The person answering the 800 number takes down the pertinent information and refers it to me," she explained.

Ms. Gnuschke noted that "in responding to employee concerns, we prefer to have full disclosure, so that we can address the issue on a personal basis and communicate with the employee directly. But we'd rather they be anonymous than not say anything at all. Sometimes people worry about repercussions, but we monitor for retaliation and retribution. SAIC has a zero tolerance policy for retribution of any kind," she emphasized.

"Most importantly," she continued, "I want people to feel really comfortable utilizing me as a resource to communicate any ethics issues. Act professionally, act ethically; use common sense. Attend your ethics training!"

(continued on page 8)

Gnuschke (continued from page 7)

Part of Contract Management

Ms. Gnuschke estimates that her corporate EEC responsibilities take up about 10 percent of her time. She is also an operations analyst in the Contract Management Office, working closely with other directorates to establish policies, procedures, and business processes; and participating on project teams related to contract management issues.

Ms. Gnuschke has worked at SAIC-Frederick, Inc., for the past five years, although that was not her first experience here. While earning a bachelor's degree in accounting at Mount St. Mary's University, she interned in the Accounts Payable department here and later began her professional career with 1½ years at a local accounting firm as an auditor. She also earned her MBA from the Mount.

She lives near NCI-Frederick with her husband, Kris, and their 16-month-old son, Carson. With a laugh, she said that having a baby gave her a "totally new appreciation for my parents; you don't understand what they went through until you have one yourself."

Reflecting on her role as an EEC member, she commented that she really enjoys problem solving. "I want to be able to help people, to be an advocate for ethical behavior, and to promote a healthy environment for our employees."

Between her new baby and her duties as the SAIC-Frederick, Inc., EEC representative, Ms. Gnuschke should get lots of problem-solving experience! ↻

SAIC-Frederick, Inc., Gains "Seal of Approval"



For the fourth consecutive year, SAIC-Frederick, Inc., has received the "Seal of Approval" from the Alliance for Workplace Excellence (formerly the MD Work-Life Alliance).

Dr. Larry Arthur, president of SAIC-Frederick, Inc., said, "Receipt of this recognition for four years in a row demonstrates our continued focus and commitment to our employees and their need to balance work and personal life. We recognize that our employees' dedication to excellence in all aspects of cancer and AIDS research is the foundation of our success and that our people are our greatest resource, and that philosophy has enabled us to become one of the world's largest and most innovative employee-owned companies."



He continued, "We offer a wide variety of programs that are geared towards a family orientation and assisting employees in maintaining a positive balance between their work and personal/family lives. Our dedication to supporting our employees is demonstrated through family-oriented policies and programs, flexible work arrangements, and generous time-off options, and by offering training and professional development programs. We strive to continue our focus on becoming an 'Employer of Choice.'"

The Alliance for Workplace Excellence is a 501(c)3 nonprofit organization funded by Montgomery County, Maryland, and corporate sponsors. The alliance provides training, management consultation, and product development to help employers evolve into "excellent places to work." ↻

RTP Representatives Participate in 14th BIO 2006 Convention

Earlier this spring, Dr. Carl Garland, Research Technology Program (RTP) Business Operations Director; Dr. Bruce Crise, Gene Expression Laboratory, RTP; and Mary Lou Siegle, Human Resources, participated in BIO 2006, the 14th Annual International Convention of the Biotechnology Industry Organization (BIO), in Chicago. Speakers included former President Bill Clinton and Health and Human Services Secretary Michael O. Leavitt, actor Bernie Mac, and award-winning Fox News journalist Neil Cavuto.

Dr. Garland and his colleagues were a part of the Maryland Expo booth providing information to the record 19,479 attendees from 62 countries. "The Maryland section, typical of many of the state booths, had an open floor plan so visitors could more easily walk through it. The open plan sections like Maryland's were held together by color themes, banners, and main pavilions, which in Maryland's case was two stories and included conference facilities. SAIC-Frederick, Inc.'s booth was typical for exhibitors in terms of size and sophistication," Dr. Garland said.

The NCI-Frederick contingent distributed approximately 200 brochures, flyers, and other printed materials, as well as pens bearing SAIC-Frederick, Inc.'s URL. These materials promoted the RTP, Laboratory Animal Sciences Program, Biopharmaceutical Development

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Phillip G. Rothchild

Business Operations Director, Biopharmaceutical Development Program

Phillip G. Rothchild, Business Operations Director for the Biopharmaceutical Development Program (BDP), passed away on July 12, 2006. He began his career with BDP, SAIC-Frederick, Inc., in May 2000.

During his first three years with the BDP, Phil directed BDP's administrative program. However, when the need was recognized for a manufacturing head, he volunteered to assume those additional responsibilities, which resulted in significant positive changes. He directed both the administrative and manufacturing sectors in BDP and was responsible for 45 staff members. "He went out of his way to take on added responsibilities and was extremely productive in getting things done. His timing and organizational skills were impeccable," Dr. George Mitra, Program and Technical Director for the BDP, said.

Phil provided direct oversight of BDP's technical and business-related operations (CGMP Clinical Manufacturing Laboratory, CGMP Fermentation Area, and Business Operations). As a result of his assuming these roles, operations were significantly improved. This was demonstrated by multiple productions operating simultaneously and meeting product manufacturing schedules.

Dr. Mitra noted that Phil's job knowledge was truly outstanding. He successfully applied his profound knowledge to the Business Operations area, as well as to the Clinical Manufacturing and Fermentation programs. His wealth of industrial experience and job knowledge were major assets to the program.

Dr. Mitra commented that Phil "was a "bright, energetic, high-charging person. He accomplished much during his time here. He knew how to meet the needs of the customer and was very goal-oriented. He was well regarded both by colleagues and the customer [BRB, NCI, NIDDK, NIAID and US Army, and others]. When he got involved in a project, he accomplished whatever he set out to do. Phil was acutely aware of the customer's needs and ensured that issues, if any, were resolved as quickly and efficiently as possible. His response to the customer was always prompt."



Phillip G. Rothchild

Dr. Mitra added that Phil had a clear understanding of the whole picture and keen sense of shared responsibility. "He focused on communicating the work-related information across the board in order for the program to achieve the desired goal. Throughout his time with the BDP, he continued to successfully build and maintain a positive and stimulating work environment," Dr. Mitra said.

Originally from Bronx, New York, Phil lived in Gaithersburg, MD. He considered his greatest accomplishment in life to be the devoted relationship he enjoyed with his wife, children, and grandchildren. He is survived by his wife, Marion; children Shari Ursaner and

husband Scott of Alpharetta, GA, and Jill Goldman and her husband Michael of Gaithersburg; grandchildren, Evan and Jenna Ursaner of Alpharetta, GA, and Farah Goldman of Gaithersburg. He and his wife shared a deep affection for their prize-winning poodles, Karlee, Cody, and Emily.

"Phil contributed greatly to the success of BDP. It's hard to imagine the place without him. Many people considered Phil a treasured friend. We know that he had many friends from different times in his life. We will miss him deeply," Dr. Mitra said. 🌹🌹

Who's That on the Wall?



If you've attended any events in Building 549 or eaten in the NCI-Frederick cafeteria, you've probably seen the "supergraphics"—lifesize cutouts on walls in the Conference Center lobby representing those who contribute to the work at NCI-Frederick.

The exhibit honors all of us who work at NCI-Frederick. A plaque on each wall states, "With their rich diversity of talents, expertise and creativity, [the people of NCI-Frederick] have placed the National Cancer Institute at Frederick at the forefront of cancer and AIDS research today."

Beginning with this issue of *News & Views*, we will profile SAIC-Frederick, Inc., employees who are depicted in the supergraphics.

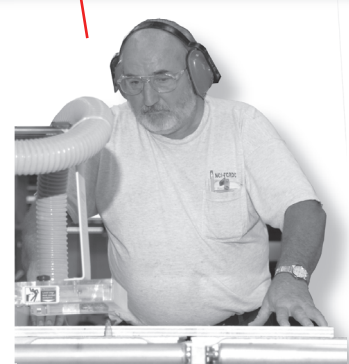
This November, David Lee will have been with the Facilities Maintenance



Steven Hershberger

and Engineering Carpenter Shop for 10 years; Steve Hershberger has been with the FME Instrument Shop for 4½ years.

Mr. Lee and Mr. Hershberger learned about the supergraphics project when a photographer from Scientific Publications, Graphics & Media arrived in their shops to take photos. Once the display was posted, word of mouth



David Lee

quickly spread the news that the two men were among the nearly 50 images mounted on the lobby walls.

Mr. Lee and Mr. Hershberger agree that the graphic did a good job of showing the different kinds of jobs at NCI-Frederick, and they are pleased to be a part of the community. 🔄

Congratulations Are in Order!

Seventeen SAIC-Frederick, Inc., employees earned degrees in 2005 and 2006. We are pleased to recognize the following people for their hard work in earning their degrees while keeping up with their jobs here:

Associate of Science: Shelley Funk

Bachelor of Arts: Jami Troxler

Bachelor of Science: Shannon Jackson

Master of Arts: Tatiana Beresneva, Rhonda Dasilva, Andrew Eckert, and Karen Lau

Master of Science: Sara Bass, William Burgan Jr., Danielle Fink, Amy Hutchinson, Randall Johnson, Gregory Ragan, Nicole Reifsnider, Brad Sherman, Rodman Smith, and Michael Walters 🔄

Bomb Dog Featured at Protective Services Open House

It's a Game

His motivation? A toy. Sgt. Boyle explained that Rusty was trained to sniff out explosives by searching for a toy buried in live, black powder.

He learned to associate the smell of the explosive material with finding his toy ("reward"). When he finds explosives, he sits next to the case and stares at Sgt. Boyle to wait for his reward. "It's just a game to him," Sgt. Boyle explained. "All he wants is his toy."

Showcase for Protective Services

Clearly, Rusty is a star of the Open House, but the real stars are the officers and staff who work in the NIH Division of Police and SAIC-Frederick, Inc., Protective Services. Photos and facts were displayed about each Protective Services officer or staff member (see box), along with staff responsibilities. "This is really a PR event," explained Protective Services Manager Tom Gannon-Miller, adding, "I like people to know who our officers are, who works here, and what they do."

Of course, no event would be complete without food, and Protective Services provided a delicious lunch. Visitors could register in a drawing for a 30-day reserved parking space, and this year's lucky winner was Leane Clotter, a student intern in the Laboratory of Genomic Diversity. 🐾



Tom Gannon-Miller (left) with some of his staff, (l) to (r): Tom Delauter, Roberta Brown, and Dave White



Rusty the Bomb Dog



NIH Police Sgt. Boyle with Rusty

If you had walked into the lobby of Building 426 at about 11:15 a.m. on June 22, you would have seen people milling around, holding plates of food, distractedly looking in the direction of the road out front.

"Where's the dog?"; "I came to see the dog..."; and "Is he here yet?" were comments and questions heard among the many visitors to Protective Services' fourth annual Open House. The dog in question is, of course, Rusty the Bomb Dog, one of 11 canines in the NIH police force. In addition to bomb detection, the canine force is used to search all commercial vehicles entering NIH, and they routinely inspect about 1,000 vehicles per day.

Finally, Rusty and his partner, Sergeant Frederic "Ric" Boyle, pulled up. Having just come from another demonstration at the Vaccine Pilot Plant, Rusty took a little quiet time in his climate-controlled patrol car while Sgt. Boyle provided some background information on him (such as age—8; weight—72 pounds; breed—Labrador retriever; origin—Lab rescue; years of service—7). Then, Sgt. Boyle opened the car door, and Rusty bounded out to demonstrate his skill at detecting explosive material hidden inside closed cases.

Did You Know...

At the Protective Services Open House on June 22, the officers and staff of the Protective Services department were pictured on displays in the lobby, along with some interesting facts about each of them. For example, did you know that our Protective Services officers include:

- A certified paralegal
- An amateur astronomer
- A licensed investigator
- A veteran of the U.S. Air Force
- A coach of the 2004 Mid-Maryland Girls' Basketball Champions
- A retired lieutenant-colonel of the U.S. Army decorated with a Purple Heart and Distinguished Service Cross; and the 1994 recipient of the Police Hall of Fame Gold Medal for distinguished public service
- A recipient of the 2001 Outstanding Achievement Award
- A graduate of a graphic arts program who is also a professional firefighter
- A middle school basketball coach
- A former resident of Hawaii

Not only that, in the course of their driving careers, our shuttle bus drivers have logged over a million-and-a-half accident-free driving miles; and our access control coordinator has issued over 32,000 photo IDs and 27,000 key cards for NCI-Frederick employees. 🐾

RTP Rep *(continued from page 8)*

Program, and Human Resources, and explained the WFO/EA (Work for Others/Economy Act) as it applies to NCI-Frederick’s collaborations with partners in private industry and other government agencies.

Dr. Garland and his colleagues are hopeful that some networking opportunities and partnerships will eventually evolve from this premier effort. “I think it was most useful in terms of brand awareness. Many of those who stopped by the booth or with whom we spoke at their own booths were surprised that SAIC had such a large presence in the biomedical research field. This

may yet translate into ‘Work for Others’ inquiries or recruitment of candidates,” Dr. Garland said.

BIO represents more than 1,100 biotechnology companies, academic institutions, state biotechnology centers and related organizations across the United States and 31 other nations. BIO members are involved in the research and development of health care, agricultural, industrial, and environmental biotechnology products. ↻

Mary Lou Siegle, and Dr. Carl Garland stand ready to discuss the WFO/EA at the Maryland pavilion at last spring’s BIO 2006 convention.



Important Telephone Numbers

- Ethics Hotline 1-800-760-4332
- Human Resources Department 301-846-1146
- Benefits Questions, HR Department 301-846-1146
- SAIC Stock Programs 1-800-785-7764
or 858-826-4703
- SAIC Stock Price 1-888-245-0104

Important Dates

- Winter Staff Meeting December 20, 2006

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- Lead Designer Jennifer Brown
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SAIC Stock

The price for SAIC Class A common stock at press time was \$47.28 per share. For more information, visit the “Stock Programs” Web site by logging on to ISSAIC at <https://issaic.saic.com>, or you can contact Stock Programs at 1-800-785-7764 or 858-826-4703.



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