Truly Reviews GTRI’s Progress At First “Brown Bag with the Boss”

Approximately 50 employees attended the first “Brown Bag with the Boss” June 9 in Room 119/GTRI. GTRI Director Richard Truly answered employee questions after first outlining four topics.

Communication within GTRI: “I’m talking about human communication,” Truly said. “I think it’s a big problem and I’ve decided to have these brown bag lunches to increase the communication level.” Truly meets with executive staff each morning and with lab directors and support group managers every Friday. “I don’t get the impression that this is reaching all the way down into GTRI,” he said. Truly is interested in using e-mail, THE CONNECTOR and other avenues to share information and address names.

Organization of GTRI: Truly outlined GTRI’s one-page strategic plan and how it is updated each spring. He stressed its importance as a guide for employees in planning action/ making decisions. “When I make a final decision... I take this piece of paper and read what we said we were going to do. I encourage all of you to read and be familiar with it.”

Portable Flight Planning: FalconView Brings Aerial Maps to Air National Guard Pilots’ Laptop Computers

By Lea McLees, RCT

Approximately 90 Air National Guard units will be completing flight plans this summer using a mapping system that runs on low-cost on laptop computers, with some help from GTRI.

The FalconView system’s low cost and portability will allow the pilots to do their flight planning almost anywhere. FalconView also will help ease the transition from the Air Force’s old flight planning system to a recently developed one, said John Pyles (GTRI). “FalconView is meant to supplant the older Mission Support System II (MSS-II) with available hardware, and augment the new Air Force Mission Support System (AFMSS) currently under development.”

Pyles said, “The Air National Guard wanted to use a laptop mapping system to do their flight planning immediately. They also needed a system to complement the future AFMSS system.”

FalconView was a joint project between the Air National Guard at the Pentagon and the Army Research Lab in Atlanta. It is used in conjunction with the Combat Flight Planning Software (CFPS) written by the 46th Test Wing at Eglin Air Force Base and the OOD cartridge load device developed at Hill Air Force Base. GTRI researchers wrote the FalconView software used to display maps and imagery.

The laptops provide graphical interfaces not available on the character-based MSS-II minicomputers, and they run with fast 486 processors. The MSS-II main processor, fielded in the late 1980s, runs about as fast as a 286 PC.

Maj. Bobby Sandford of the Air National Guard is enthusiastic about the system. “Usually we have from 40 to 50 pilots in a flight planning environment, and we normally have to carry all this equipment with us. Now, they can use a laptop.”

Students Dirk Hokembright (AIRMICS/RCT) and Miguel Simon (AE) work on a YJ belted quad, one of eight machines that flew in the fourth annual International Aerial Robotics Competition on May 12. None of the robots was able to perform the ultimate task — navigating around the contest arena on Grant Field and retrieving objects without human control. However, competition organizer and Association for Unmanned Vehicle Systems President Rob Michelson (AERO) says a successful autonomous flying robot may be ready to demonstrate by the 1994 competition. (Photo by Stanley Luey)

Did You Know . . .

There is only one state in the United States named after a president — Washington.

It takes 120 drops of water to fill a teaspoon.

A hundred tons of barnacles collect on the bottom of a steamship every year.

— from 2210 Fascinating Facts by David Louis

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Turn to page 2 for a list of selected April awards.

Jim Boletic of EOEMI is one of the first Institute Fellows named at Georgia Tech. Find out more about this new award on page 3.

ELSYS employees contributed to an article about Charlie Knob, a colleague who died in May. Share their recollections on page 3.

GTRI employees with 10 and 25 years of service were honored recently. See the list of honorees on page 6.

The GTRI picnic was attended by about 850 people. See pages 4 and 5 for photos and a list of prize winners.

For a list of these employees, see page 7.

A full page of professional, personnel, and personal notes wraps up this issue. Turn to page 8 for all the latest news.

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Observed & Noted

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Thirty of our GTRI colleagues have been promoted.
Meet the GTRI Warehousing Team

The employees who work in the warehouse receive and deliver all packages for GTRI. In addition, they pick up, package, and ship large equipment leaving GTRI, arrange for next day air shipments, and provide office supplies for GTRI employees.

Generally the team delivers all packages to recipients. However, if a package arrives by next day air and a delivery person is not immediately available, a team member will let the recipient know the package has arrived in case it is needed immediately. If you are concerned about a package that has not arrived, ask the team for assistance.

Sometimes the team packages large items for shipment, particularly equipment built for research sponsors. They need at least a week's lead time before the shipping date if complex packaging is required.

The staff can ship items by next day air, as well. To ensure prompt shipping, such packages must be at the warehouse by 3 p.m. the day they are to be sent out.

To request office supplies, you may fill out an order form that lists items available. The team delivers those also, and does its best to help people who urgently need a particular item in stock. If you need office supply lists, you may call Bobby Ramsey at 608-4806 to request them.

One important honorary staff member not profiled below is Miss Kitty, a cat who keeps the warehouse free of rats.

Larry Bass
A student assistant, has worked in the warehouse for almost 2 1/2 years. He fills in for his colleagues when needed, files, and calculates total orders for each month. He turned down a chance to transfer to another campus job because he says the warehouse team is like family. He is studying management at Tech and plans to go to law school after he graduates. After work he spends time with his girlfriend, studies, bowls, or goes to movies.

Billy Boner
Began his 39th year at Tech on May 18. Worked on campus as a biology lab technician in bioengineering and radioisotopes, and then moved to mechanical services before starting his current job as central supply manager in 1976. He makes sure everything at the warehouse runs smoothly, which is easy, he says, because he has such a great group of co-workers. After work he likes to go "antiquing" at estate sales and flea markets. He recently managed his first estate sale.

Jerry Brown
A storekeeper, he has worked at GTRI since 1981. Prior to his current job he was a storekeeper. He verifies and documents items received at GTRI before they go to the labs, and prepares related financial reports. The most unusual package he ever received contained a dead snake and its venom. After work he takes business classes at GSU and area community colleges and reads about computers and history.

Willie Dixon
Has been a delivery worker at GTRI for seven years. He previously worked on the grounds crew. He transports packages on campus and to CGRF, handles heavy equipment and office supplies. He also holds a commercial driver's license. The warehouse is busiest in July and August, so he asks for patience among those anticipating package arrivals then. After work he plays basketball and entertains his two-year-old daughter, Arietsha.

Johnny Hall
Is marking his fifth year as a delivery worker at GTRI this month. He sorts and delivers packages on campus and at CGRF, loads and unloads trucks and drives a forklift. He holds a commercial driver's license for his job. Employees who complete all items on purchase order forms help him deliver packages as quickly as possible, he says. After work he goes to the gym and volunteers his time helping patients at several recovery centers around town.

Greg Heagerty
A storekeeper, he has worked at GTRI for more than 10 years. He also has held positions in what are now Capital Assets and Plant Operations on the academic side. He receives packages, keeps up with changing regulations on storage and shipping of hazardous materials. It is important for everyone at GTRI to have a team attitude, he says. After work he enjoys reading history — right now he's interested in the Civil War history of East Tennessee.

Bobby Ramsey
A storekeeper, he has worked at GTRI for 14 years. He is responsible for storing office supplies, filling orders for them and delivering the orders. He says the most requested office supply at GTRI is copy paper. The most efficient way to request office supplies is to fill out an office supplies form, he says. Does his best to fill orders quickly for those who are in a hurry. After work he likes to watch baseball games on television.
Beletic Among First Institute Fellows

A GTRI researcher is one of nine young faculty members recently named the first Institute Fellows at Georgia Tech. James Beletic, (EOEML) and the other Fellows were recognized as outstanding scholars in the early to middle years of their professional development who show potential for major contributions as future leaders. They were honored at a June 6 reception at President John P. Crecine's home.

The Fellows program provides support as the honorees become senior faculty members with national and international reputations. Selection as a Fellow includes a 3-year commitment of $5,000 per year per Fellow for a 5-year non-renewable period. The money is to be used as discretionary funding in support of each Fellow's research.

Beletic, who holds Ph.D. in Applied Physics from Harvard University, leads a research group that builds the world's fastest high-speed, low-noise CCD imaging systems. He works with scientists from several institutions to apply this technology to research in physics and astronomy. The systems have traveled to a dozen observatories on three continents to perform high resolution astronomical imaging, with recent emphasis on the development of adaptive optics.

"I plan to use the funds to support travel or experimentation that is not traditionally supported by standard grants or contracts," he said of the Fellow funding. "For instance, I may use it to help me work with the United Kingdom adaptive optics group in an experiment this fall at the UK 4.2-meter telescope in the Canary Islands."

Institute Fellows are appointed by the Georgia Tech President based on recommendations from the Institute Professors. Nominations are sought from the schools and faculty members. Up to four Fellows will be named annually in future years, with a maximum of 20 active Fellows at one time.

Academic side Fellows are: Kevin Brennan (ECE); Mei-Yin Chou (Physics); Paul Kohl (Chem. Eng.); David McDowell (ME); Mike Rodgers (EAS); Mike Sinclair (OIP); Multimedica Labs. Guigg Towey (ESE); and Zhizhong Xia (Math). Two recently selected Institute Professors were recently honored, as well: Charles Ederer (Chem. Eng.) and Leon Zalkow (Chem.).

GTRI Employees Honored

By Lea Mclees, RCT

Four GTRI employees have been recognized for their outstanding work, three by Georgia Tech and one by the University System of Georgia's Board of Regents. Following are highlights — next time you see these colleagues, pass along your congratulations!

Krish Aujla (AERO) was named Regents' Researcher in late April by the Board of Regents, effective July 1. "The post is comparable to that of Regents' Professor in the academic units. Only one other GTRI researcher, Jim Gallagher, ever held that title." Aujla was recommended by both Director Richard Truly and President John P. Crecine and submitted 10 national references as part of the consideration process. Aujla has worked at GTRI since 1989. His research interests include jet engine, rotor, and aircraft noise reduction, miniaturized microphones, high-intensity noise sources, space shuttle noise, and fluid dynamics measurement. Aujla has a joint appointment as professor in the School of Aerospace Engineering. Ann Dunecawh (EESYS) was recognized at Georgia Tech's Awards Luncheon in May for her Outstanding Research Support Personnel Performance. A GTRI employee for seven years, she currently is lab secretary for EESYS. Dunecawh was recognized for her dedication to quality and excellence. Among her recent contributions have been development and maintenance of the Concepts Analysis Division databases on contract development activities, administration of the special security aspects of a lab program, and managing an office move. She was nominated for the award by Bob Scales (EESYS). Dunecawh received a plaque and a $1,000 award.

Martha Farley (SIT) was recognized with an Outstanding Staff Performance Award. It was initiated this year to honor outstanding staff performance in support of instructional or administrative activity. She was presented a $1,000 plaque and a plaque. SIT manager Farley is credited with leading SIT to a consistent track record of technical excellence, responsiveness, and accommodation to need. She has contributed to the success of many major procurement activities within GTRI and has provided the "value added" that everyone expects from a service department. She celebrates 22 years at GTRI in July, and was nominated by Charles Brown (SIT).

Continued on page 7

Remembering Our Colleague and Friend: Charlie Krebs

By Lea Mclees, RCT

Next time you notice the young trees in back of GTRI by the big paved parking lot, you may want to remember Charlie Krebs (EESYS).

He planted one of them, but never told anyone exactly which tree. EESYS colleagues have narrowed the possibilities to two trees, a maple and a dogwood, that they plan to keep an eye on in honor of their friend.

Head of the Techniques Development Branch of the EESYS Countermeasures Development Division (CMDID), Krebs died after a massive heart attack May 19 while driving home from work. After retiring April 1 after a reception attended in his honor by at least 50 people, and returned to work hourly-as-needed April 14. Krebs worked at GTRI for 15 years. He was known internationally for his work in electronic countermeasures, most recently for anti-radiation missile, expendable and towed decoys, and on-board countermeasures techniques. Prior to coming to GTRI he had been in the Navy and worked for Sylvania, IBM and Cornell Aeronautical Laboratory.

"His integrity in the electronic warfare community was well-known and appreciated by all who knew him or read his numerous reports and point papers," said Harry Andrews, CMDID chief. "He also was a very good friend to all of us, and we will miss him."

Added Tony Chimera, a consultant and retired GTRI colleague who knew Krebs for 35 years: "Charlie had new and innovative ideas on off-board countermeasures. He was meticulous, and didn't leave anything to conjecture."

CMDID researchers heard from colleagues worldwide after Charlie's death. — Bill Dickson of the Australian Defence Science Technology Organisation was among those who responded. "He [Charlie] ... very good skills in innovation and application," Dickson said via e-mail. "On the international electronic warfare scene, Charlie was a great ambassador for his country and he did great credit to GTRI."

A highly ethical person, Charlie was interested first and foremost in solving sponsors' technical problems, said Jerry Heckman (EESYS) and retiree Bob Wohlers. He also was a friend and mentor to his co-workers.

Continued on page 7
GTRI Stakes Out Burger Bowl for Annual Picnic

About 85 GTRI and EDI employees and retirees, Georgia Tech invited guests and VIPs were part of a mass migration to the Burger Bowl on June 6 for the GTRI/EDI annual picnic.

Attendees munched on baked chicken and barbecue with all the trimmings, Sno-Cones, ice cream, and popcorn and tested their skills at games set up around the Bowl. STAR 94 FM provided music to dunk to, as ponders lined up to seals Carl Baxter (SSID), Jeff Cook (SSID), Wanda Fox (AIST), Paul Friederich (STL), Raymond Kangas (SSID), Michael McCaskill (SSID), DW Scni (RGT) and Harry Vann (SSID).

Baxter was the best prepared of the candidates, donning a rain suit for dunk duty.

The list of special guests included: Executive Vice President Mike Thomas, Vice President for Strategic Planning Tim Gilmour, Vice President and General Manager of the Georgia Tech Research Corporation Ron Bell, and of course, Buzz.

GTRI's Director Richard Truly and EDI's Acting Director Wayne Hodges handed out 26 prizes to attendees who were present for the 1 p.m. drawings. They ranged from television sets to dinners, T-shirts and gift certificates for travel and dinner. Grand prize winners were John Handley (AERO) and Mike Cooper (ELSY) each of whom won a 10-inch color television set with remote control donated by Corporate Liaison. (See related list of prizes and winners, p. 5.)

Retirees who were scheduled to attend included Sam Alford, Milton Bennett, Stephen Brookshire, Robert Crowe, Howard Dean, Bill Dittman, Jerry Eaves, Ross Hammond, Bob Hayes, Bill Howard, James Hubbard, Ben James, Margeruite Osborne, Yalcin Peker, Dave Plummer, Roland Stebbins, Martha Ann Steger, Bruce Warren, Jerry Webb, Bob Willoughby, Jim Wilse, and Bob Wohlers.

Many people worked to put the picnic together this year in record time: Spearheading the effort were members of the picnic committee: Cheryl Barnett (ELSY), Charlie Brown (ISP), Vivian Chandler (IED), Carey Floyd (SSID), Wanda Fox (AIST), Delora Gould (SSID), Ida Taplin (RGT), and DW Scni (RGT). Committee members say they appreciated See's and Barnett's enthusiasm and organization.

Volunteers included SSD's Greg Braxton, Joe Brooks, Keith Hughes, Charles Johnson, David Johnson, Bobby Ramsey and Andrew Spain, SDL's John Allford, Grover Richardson, and Luther Ward, and SSD's Paul Hawley. They provided electrical services, raised tents, set up tables and chairs and other items, supplied ice, ran errands, helped with the dunk tank and took things down after the event was over.

Judy Wiesman (ELSY) and Kathy Gilbreath (ELSY) provided graphics for the invitations, and Charlotte Doughtry (RGT) produced mailing labels and letters for the event. The mail distribution team delivered announcements and lab and division secretaries made sure that attendees got their name badges.

RGT's John Toon, Lea McLees and Charlotte Doughtry helped with picnic registration. Student Dirk Holcomb (AIRMICS/RGT) delivered name badges.

A special thank you goes to Richard Trule, Janice Porter (VFDIB), Charles Brown (ISP), Ron Bell (GTBC), and Mary Ann Green (GTBC), who helped make the picnic possible.
GTRI/EDI 1994 Picnic Door Prize Winners

These picnic attendees took home some nice gifts from the picnic. Thank you to the organizations that donated door prizes.

John Handley (AERO): 19-inch color television with remote control/donated by Corporate Liaison

Mike Cooper (ELSYS): 19-inch color television with remote control/donated by Corporate Liaison

Lauri Baddour (GTRI): portable CD player/donated by Corporate Liaison; four country music CDs and assorted goodies/Y-106 FM

Giselle Welch (EOEML): T-shirt, cassette tapes and assorted country music goodies/Y-106 FM

Jerry Clark (AERO): Georgia Tech Picture Book and assorted goodies/Georgia Tech Athletic Association

Scott Bruck (EOEML): "Look at Atlanta Now" package/Atlanta Convention and Visitors’ Bureau; Tech goodies/Georgia Tech Athletic Association

Dennis Farmer (OCA): T-shirt and country music goodies/Y-106 FM

Sherry Travis (AERO): $15 gift certificate for CD or cassette of her choice/Georgia Tech Bookstore Electronics Department

Beverly Brown (OCA): gift certificate for one night’s stay/Residence Inn, Cummerland

Bob Wohlers (retired): dinner for two at Pippin’s Porch/Aunt Pippin and Scarlett

Barbara Call (EOEML): two T-shirts/Y-93 FM; Tech goodies/Georgia Tech Athletic Association

Linda Schuett (ELSYS): Gift certificate for a CD or cassette of her choice/Georgia Tech Bookstore Electronics Department

Amy Mannino (RSF): dinner for two/American Grille at Atlanta Marriott Northwest

Lee Edwards (ELSYS): T-shirt/Y-93 FM; Tech goodies/Georgia Tech Athletic Association

Charles McCauley (EOEML): “Look at Atlanta Now” package/Atlanta Convention and Visitors’ Bureau; Tech goodies/Georgia Tech Athletic Association

Lisa Detter-Hoskin (EOEML): country music package and T-shirt/Y-106 FM

Ken Cupp (SSD): two T-shirts/Y-93 FM; Tech football/Georgia Tech Athletic Association

Robert Hawkins (IAC): $25 gift certificate/Georgia Tech Bookstore

Claudia Huff (EOEML): "Two for Breakfast" escape package/Atlanta Marriott Northwest

Jim Clark (EOEML): Georgia Tech Picture Book and watch/Georgia Tech Alumni Association

Helen Hunton (MAPS): two T-shirts/Y-93 FM; Tech goodies/Georgia Tech Athletic Association

Nantambu Ambidwile (SSD): one night’s stay/Residence Inn, Miltown

Brenda Hill (SSD): crystal Vase

Faith Gleason (OCA): country music package/Y-106 FM

David Garrett (ABT): T-shirt/Y-93 FM; country music goodies/Y-106 FM

Martha Farley (SSD): $25 American Express gift check/Corporations Travel

Susan Carcione (AERO): $75 gift certificate/First World Travel

Sherron Meyers (EOEML): $25 gift certificate/ABA
True

From page 1

Charles Brown, who also is the Enterprise Planning direct report, Research Operations Director Ed Beedly and Chief Scientist Devon Crowe. Truly allocates funds to Brown, Beedly and Crowe to run the organization, with the exception of a small discretionary fund to be oversets.

GTRI is advertising for a permanent RSF director. Truly is considering further flattening the organization by eliminating the personnel support manager and fiscal operations manager positions that report to Brown, although he has not made a final decision yet.

So What Does This Mean to Me, The GTRI Employee? Eliminating OOD and going to a line organization saved more than $1 million annually in overhead costs," Truly said. "I am not working on any further organizational changes except for the possible change in the two direct reports to the RSF Director. I think we're in a well-thought-out organization."

Other major efforts have included:

Working with Georgia Tech to eventually eliminate inequities with the school and funds flowback issues.
- GTRI saved another $1 million total over FY 93 and FY 94 because GTRI payments to resident instruction were reduced.
- The organization spent almost $2 million more on equipment during FY 94 than in FY 93 and almost doubled its internal research investment in FY 94.
- GTRI will spend $800,000 to $400,000 to improve workspaces this year, particularly at CFRP and O'Keefe. $160,000 of that came from the savings Truly had mentioned earlier.
- New research initiatives in advanced transportation, educational technology, bio-technology, testing and evaluation, modeling and simulation, as well as a defense conversion thrust, have begun.
- GTRI acquired $300,000 in non-GTRI state funds to provide a new building for a SEAL/Mechanical Engineering joint project.
- GTRI has a representative on each of four national advisory boards.
- For FY 95, $300,000 in resident in-

Continued on page 7

New and Notes

At left, John Pyles (TTL) uses several computer screens to show the different types of information available via FalconView. (Photo by Gary Meek)

Pyles

From page 1

squadron who must share one MSS-II system," he said. "The CGPS-FalconView solution serves as a force multiplier on our existing hardware. The pilot now has a light-weight system that can fly flight plan, display maps, and load cartridges ... This is perfect for our two- to three-week deployments, and is much more reliable."

How FalconView Works

The user-friendly FalconView system is DOS- and Windows-based. Map data formatted by the Electronic Systems Center is provided on CD ROMs cut by the Defense Mapping Agency. All a pilot needs is a laptop properly loaded with the mapping software. The laptop can run for several hours on battery power.

The pilot selects and imports to his hard drive the maps he needs, and displays them on the screen. He uses the keyboard and mouse to plan his route on the computer and checks the route against the map background. The CGPS software will then use a complex computer model to determine whether the route can be flown with available fuel, loading and other conditions.

The flight plan is saved on a special cartridge that can be plugged into an F-16's DTC receptacle in the cockpit, thus loading the route into the plane's computer. The completed flight plan also can be saved on a floppy disk and copied to a cartridge later.

A laptop loaded with FalconView can be connected to a GPS receiver on a plane, indicating the plane's position over the landscape with a small plane icon on the screen. On most planes, pilots currently use paper charts to tack their positions in the skies. Although the F-16 cockpit is too small to allow the pilot to use a laptop in flight, larger planes such as the C-130 do have room.

Future Plans

This summer Pyles and fellow researchers plan to add additional data and imagery sources, and test the system with different GPS receivers on multiple platforms. In the future they want to add new database capabilities so that other variables — crime or disease incident, for example — could be plotted over land maps.

The Army is interested in using FalconView to track helicopters and ground vehicles, Pyles said. The system has potential vehicle tracking applications in other fields, too, such as commercial airlines, emergency medical services, and law enforcement. Other contributors include David Aylesworth, Charles Cornell, Doug Glasgow, Rob Gue, Jim Rhodes, Vinny Solitto, and Rob Yu.

Service Awards

Presented

Congratulations and thank you to these GTRI employees for their service to Georgia Tech.

25 Years of Service

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<td>Joseph Adams</td>
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<td>Neal Alexander</td>
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Ten Years of Service

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Stephen Camp           SDL
Daniel Campbell          SDL
Charles Chapman         EOMI
Charles Cole            EOMI
Mitchell Cole           SDL
Midian Cresshaw         SDL
James Davis             SDL
Dennis Folds            SDL
Wanda Fox               SDL
Gardr Freeman           SDL
Mary Granger            SDL
Janice Green            SDL
Jeffrey Holman          SDL
Mary Henderson          SDL
Alvie Hendricks         SDL
Andrew Hershaw          SDL
Jarie Kite              SDL
Brian Kuster            SDL
Russell Leath           SDL
Debra Lec               SDL
Jury Leit               SDL
Kathryn Lindsey         SDL
Vali McNeer             SDL
John Attils              SDL
Guy Monis             SEAL
Richard Morrison       EOMI
Tom Moto                EOMI
Starkey Nedd           EOMI
Douglas Olsen           EOMI
William Oates           EOMI
Robert Platt           EOMI
Cynthia Rogers          EOMI
John Schenk            SEAL
Albert Sheffer         EOMI
Richard Stanley         HBO
Berta Steinberg        EOMI
Sherry Steed           EOMI
Tedd Toile             EOMI
Philip West             EOMI
Alice Woods             EOMI

Years of service to Georgia Tech do not have to be consecutive, but must total the appropriate number. All years counted must be permanent, full-time status.
GTRI EMPLOYEES PROMOTED

Congratulations to our colleagues!

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<td>Gene Weaver</td>
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GTRI Greetings

Welcome to one of our newest employees!

Ten Good Things We Know About Rose Brundage:

1. Rose Brundage began work as a senior secretary in the Signatures Technology Lab on May 12.

2. She has worked at GTRI before in CAL and ESMI. Rose also has worked as a TechTemp.

3. Rose’s responsibilities include answering phone calls, making travel arrangements for researchers, and handling mail, faxes and administrative duties.

4. She enjoys working for GTRI because it is so diversified. She knows most of the people, policies and procedures here, so that makes getting things accomplished a lot easier.

5. Rose would like to see a work station simplification program implemented in the lab. This would centralize and organize general lab files and other resources in STL, which includes researchers and staff members on two floors of GTRI.

6. After work, Rose sings in her church choir, does community service work, is a member of Eastern Star and takes piano lessons.

7. She is president of the Youth in the Community support group in Bartow County. The group helps youth build morale and self-esteem and offers educational scholarship and field trips.

8. The group also volunteers its chauffeur services for other groups that want to organize field trips for young people.

9. Rose has three wonderful children ages 16, 14, and 10, and a great husband who is new to the ministry.

10. She is happy to be back at GTRI and hopes to be a great asset to ST.

Honors

Sharon Meyers (EO/EML) was recognized for Outstanding Research Support Professional Performance. She has worked at GTRI since 1983 except for a 20-month break. In the early 1980s she worked for Dean James E. Dull on the academic side. At one point Meyers handled secretarial/administrative support for three GTRI research groups. Meyers assists in proposal, manuscript, technical report and correspondence preparation. She does internal accounting for the Materials Analysis Cost Center (MAC), assists MAC customers, and keeps records. She was nominated for the award by Garth Freeman (EO/EML) with contributions from several other co-workers. She received a plaque and $1,000 prize.

Truly

Construction money is designated to pay GTRI researchers who want to teach in the academic schools. It is coordinated by Gary Poeheim (OIF). This offers expanded campus collaboration opportunities.

"We have a huge challenge ahead of us because of unstable overhead rates, and it's not going to be cured in a year," Truly said. "I think we have done a lot in the past year, and I'm impressed with how much there is to be done. I made the right decision to come here, and I am enjoying it."

In answering employee questions, Truly addressed GTRI's future directions, interest in international business, and organizational learning; PMC rates; and how younger employees can participate in updating the strategic plan each year.

Look for information on the meetings held later in June to appear in the July CONNECTOR.

Krebs

The door to his office was always open, Heckman recalls. Charlie sponsored Mark Smith (ELSYS) for confirmation in the Catholic church, and he donated a mortar board and gown to march in Fred McKeon’s (ELSYS) MSEE graduation procession.

"He was deeply spiritual and the consummate family man,” Smith noted. Said McKeon: “I can honestly say Charlie improved every aspect of my life. I consider knowing him one of the great privileges of my career.”

After work, Charlie actively volunteered with Holy Family Catholic Church in Marietta, raised finches, gardened and re-modeled his and other family members’ homes.

Charlie's funeral was May 23. His wife, Jeanne, six grown children and several grandchildren expect two more grandchildren in the next few months.

Calendar

Events of Interest

July 6
Internet Exploration Tools, Part 1, 9 a.m.-noon, Brm. 239/Rich.

July 7
Internet Exploration Tools, Part II, 9 a.m.-noon, Brm. 239/Rich.

July 13
Using the DEC Alpha Workstation Environment, 5-7 p.m., Rms. 102 and 250/College of Computing.

July 21
GVU Demo Day, 1-3 p.m., College of Computing. All are welcome. Refreshments served.

July 26
Introduction to PC-Matas, 2-4 p.m., Brm. 239/Rich.

July 28
Understanding and Using Your Georgia Tech Computer Account, 9-11 a.m., Brm. 239/Rich.
Focus on Folks

If you item submitted is not included here, it will appear in the July issue. We received an incredible amount of professional news this month. Keep it coming!

Aerospace Sciences Laboratory
Krish Abhujam and graduate student Rick Garcia and Jeff Mendoza visited NASA Langley on April 16 to make oral presentations on two contracts. Abhujam also made a two-day presentation at Ford Motor Company. He is offering a joint course with Nanayan Somerath (AEO) on "How Control Techniques" (AE 8123).

Electro-optics, Environment and Materials Laboratory
Several EOEML employees organized and participated in a recent town hall meeting of representatives from Lego Geos Institute and the Department of Labor's Occupational Safety and Health Administration. Attendees discussed ergonomics issues and considered an OSHA standard on recognition, evaluation and control of work-related musculoskeletal disorders. Among those involved were Dan Ortiz, Paul Middendorf, Mike Lowish, Steve Hays and Paul Schlimper, Ann Harbert and Nancy Kelley were instrumental in coordinating the meeting.

The MARC Industrial Advisory Board Meeting in mid-May included presentations by several EOEML and ITL employees, along with some academic colleagues. Ron Bohlender (ITL) made a presentation on technology transfer. The following researchers made presentations on proposals the IABs are interested in: Stuart Jacobsen, "Luminous Screens for FED Flat Panel Displays"; Thomas Gaylord (ECE) and Nike Hartmann, "Grating Couples for Photonic Waveguide Interconnects"; and Garth Freeman, "Characterization of Laser Field Solid Candidate Mirrors"; Chris Thompson, "Next Generation Equipment Interface Fabrication Automation"; and John Gilmore (EEO) and Martin Brooke (EEO), "Networking Vision Hardware and Design".

An article about adaptive optics that appeared in Sky and Telescope included information about Jim Beletic's work at the University of Wyoming. The experiment at the Multiple Mirror Telescope in May included some unique work with sodium laser guide stars. The University of Chicago also collaborated on that run, which involved the CCD camera developed at GTRI. Beletic also used the camera on a May 18-22 run using the UK 4-meter telescope in the Canary Islands.

Fellows Want Your Input

The GTRI Fellows Council was formed in 1993, partly to provide recommendations to the GTRI director from the research community without passing through the management chain. Continued comments and specific suggestions for improving the research enterprise at GTRI are invited. You may contact Krish Abhujam (AEO) 528-7054, Larry Corey (SEAL) 528-7156, Devon Crowe (CS) 894-2500, Bill Rhodes (EOEML) 894-9259, or Chris Summers (EOEML) 894-3420.

An April 27-May 1 run of the CCD camera at the Cerro Nixedo Institution 2.5-meter telescope in Chile was manned by Alan Gilbert.

On March 1, Tile Hartmann gave a presentation on "Biometrics for Rapid Mass Casualty Detection in Food" at the inaugural meeting of the Food Safety and Quality Enhancement Center at the University of Georgia. Co-authors were Craig Wysvill, Ann Campbell (Librarian) and Paul Edmonds (Biologist).

At the Society for Technical Communication's 41st Annual Conference in Minneapolis, Minn., in May, Rae Adams and Claudia Huff presented a workshop entitled "The Ethics of Electronic Image Manipulation," based on a paper by the same name co-authored by Adams and Stephenie Babbitt. Leigh McElaney and Nancy Davis presented a paper entitled "Instruction to Electronic Publishing on the Internet," which was co-authored by McElaney and Susan Farrell. Davis chaired a panel entitled "Winning the Trust of the Researchers We Work With," and participated in a panel entitled "Avenues to a Career in Scientific Communication"; and Huff presented a workshop entitled "Communicating What You Do That's Special."

Suzette Willingham and Matthew Malok recently attended the annual meeting of the Georgia Adult Education Association (GAEA) held on Jekyll Island. Suzette serves on the Technical Training Committee and Matthew is part of the Long Range Planning Committee. They also participated in a brainstorming session at the Continuing Education Office of the Atlanta Metropolitan College with other area colleges, to assist Atlanta Metropolitan with continuing education efforts.

Information Technology and Telecommunications Laboratory
Annita MacDonald and Bobby Wilson attended the 1994 Tactical Communications Conference at Ft. Wayne, Ind. May 9-12, and presented a paper entitled "A Review of the Latest Generation of Former Soviet Union Tactical Radios."

Mike Witten and David Hughes visited Germany May 10-20, testing wireless local area network hardware with many war games simulators.

Eric Barr application attended the 1994 IEEE National Telesystems Conference in San Diego, May 27-29.

Electronic Systems Laboratory
Debbie Mitra was a member of the Organizing Committee for the "Third Industrial Engineering Research Conference" in Atlanta May 18-19.


Jeff Gerth presented "Comparative Systems Analysis of Ten Command Centers" at the IEEE Dual Use Technologies and Application Conference in Rome, N.Y., on May 25.

Mike Kelly presented "The T in IVHS is Mostly Human Intelligence" at the IEEE National Telesystems Conference in San Diego on May 27.

Personnel

Sarah Andrews transferred from the Center for Developmental Division to the Conceptual Systems Division with ELSYS and is now division secretary.

Charlotte Jacobs-Bleicha (ITL) has transferred to Civil Engineering.

Susan Liesbendal has transferred to ITL from GOC.

Ben Atha, Michael Goldsman and Michael Valletti (ITL) have terminated.

Welcome aboard to Tom Horton (ITL), Se Research Associate.

Personal Notes

Cradle Roll

Ingrid (Human Resources Personnel) and Wayne Daley (EOEML) welcomed a son, Nathan Ichiro Nishio Daley, on May 6.

Carin and Elizabeth Bennett (ITL) are parents of a baby girl, Carli Elizabeth, born May 18.

Laura and Barry Bollard (EOEO) and their daughter Alexandra welcomed a baby boy, Damon Hunter, on May 19.

Our Sympathy

...to Sandra Kirchoffer (SD0/9), whose aunt, Doris Tooke, and brother-in-law, James Latimer, died May 15...to Joe Bruder (SDL) whose father, Albert, passed away May 27...to the family, friends and colleagues of researcher Charlie Krebs (ELSYS), who died May 19...to the family, friends and colleagues of employee Gary Reed (ELSYS), who died in June.

Congratulations!

Lee Hughes' (AIST) daughter, Deanna May, was chosen Primary Teacher of the Year in Lee County (Alabama). G...Richard Truly has been presented Kapra Alpha Fraternity's Award for Distinguished Achievement. The national award has been presented only 15 times since 1988. Past recipients include Antarctic explorer Richard Byrd and former Secretary of State Dean Rusk...A short article by Claudia Sraht, daughter of Marilyn Smith (AEO), was selected fo publication in the "Students' Corner" of the Marietta Daily Journal. Claudia was the only member of her first-grade class to have work selected for publication.

Wedding Bells

Eric Christensen (AIST) married Cynthia Peacock on May 7.

Letter

Dear Friends at GTRI,

I wish to express my appreciation to everyone for their expressions of concern and support during my illness. It was very uplifting to know that so many were concerned. Thank you for keeping me in your thoughts and prayers.

Annette Weinberger