

NATIONAL  
SECURITY  
AGENCY

# NEWSLETTER

Volume XLVII, No. 3

March 1999

## WOMEN



U.S.  
Military



Country & Western Singer



Gospel Singer



Entrepreneur



Poet

Suffragist

## Their

## Stamp



Physician

Pioneer  
Pilot

## On

## America



Artist



American Poet

*Women's History Month 1999*

### Inside This Issue:

A View of the Future

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Approved for Release by NSA on 1/6/2014 pursuant to the Freedom of Information Act.

03-26-1999, FOIA Case # 14641

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## Showcasing Technology

A badge swipe and a fingerprint identification device greet visitors upon entry into a world of the unknown—the NSA/CSS Demonstration Center. Once inside, displays on leading-edge technologies capture visitors' energy and enthusiasm. Exhibits, demonstrations, and simulations from the key components allow guests to experience the reality of providing information superiority for the Nation in the information age.

Established in 1997, the center is designed to showcase NSA's significant technologies in one centralized location. The center's success is a result of taking the most advanced technology from inside the Agency's labs—anechoic chambers and research areas. The information is presented in laymen's terms using a balance of multimedia and product demonstrations. Agency visitors have the opportunity to observe the latest technologies and receive a tailored technical presentation of NSA's capabilities through the NSA/CSS Demonstration Center.

Using flexible trade show display components, presentations can be modified or designed to meet specific customer needs. No longer do visitors have to travel from building to building to see demonstrations and listen to briefings, the center offers all these opportunities and experiences in one location.

### Biometrics

Various demonstrations are located throughout the center; however, as newer and more powerful technologies

become available, the exhibits are updated or changed. Just one of the many hands-on demonstrations currently being showcased in the center is on biometrics. The explosion in information technology has increased the demand for quick, accurate, and user-friendly means for personal authentication. Biometrics uses automated measurements of the biological characteristics (fingerprint, face, and voice) of humans for the purpose of authentication

or identification. Biometrics is currently in place in some areas of the Agency.

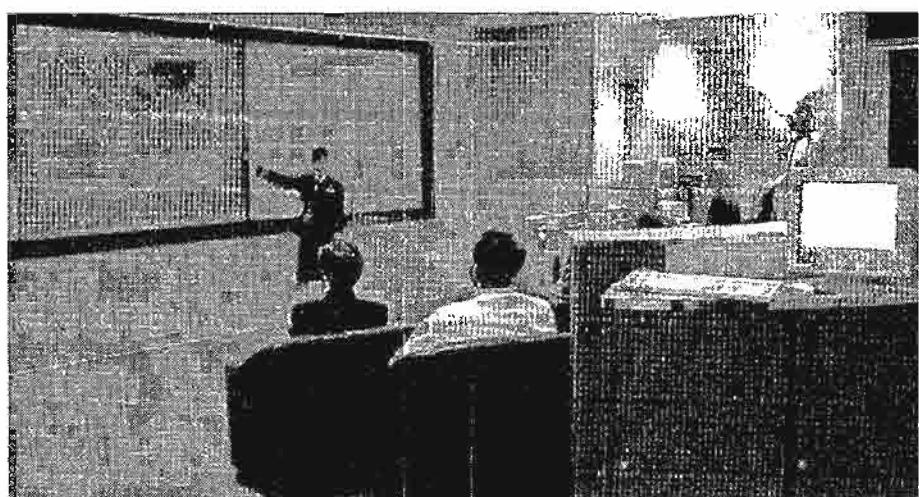
The facility features a three-screen theater environment for high-definition display of videotape and data. Through connectivity to all major NSA/DOD video teleconferencing and crisis management networks, the center allows the Agency to broadcast the world to Agency visitors and has the capability to serve as a crisis room.

Designed for small groups, the center has limited seating and standing room available. A wireless audio system and wireless headsets for demonstrations allow visitors and presenters to comfortably and effectively interact.

The center is located in OPS 2B, Room 2B8036 and is staffed by employees specialized in multimedia. Often, they run the show behind the scenes by operating the workstations, VCR's, digital and video cameras, video teleconferencing systems, electronic switchers, and projectors. The staff assist briefers by displaying data, providing audio on cue, and connecting laptop computers to the system for screen projection. In conjunction with various offices and organizations, they coordinate the schedules of all the center's presentations and visitors.

The NSA/CSS Demonstration Center is a valuable resource for all Agency key components. It is playing an important role in providing distinguished visitors a clear appreciation of how NSA/CSS will provide and protect information in the 21st century.

For more information, send an E-mail to nsademo@nsa.mil



The NSA/CSS Demonstration Center offers a variety of technological briefings for Agency visitors.

## DIRNSA'S DESK



### A Farewell Note

Saying goodbye to everyone at NSA/CSS is an emotional, but not sad event. You have not only allowed Barb and me to be a part of this great family, but you have all welcomed and supported us far above any reasonable expectation. We would like to personally thank all of you for your exceptional dedication and hard work in support of the Agency and in defense of this Nation we all so dearly love.

The past 3 years presented us with a myriad of operational and organizational challenges that could only have been resolved by a work force as richly diverse in gender, ethnicity, age, experience, capabilities, and military and civilian cultures as the NSA/CSS family. While doing the "undoable" operationally you have been a part of these noteworthy accomplishments—the National Cryptologic Strategy for the 21st century; the NSA Technology Plan; establishment of the Senior Cryptologic Corporate Orientation Program; the Diversity Program; the Modeling and Simulation Program; Future Days '96 and '98; the Ethics Policy; implementation of the Information Operations Technology Center (IOTC); the examiners visit for the Presidential Quality Award (PQA); establishment of the Unified Cryptologic Architecture; completion of the EEO Employee Satisfaction Survey; I Am An American Festival; dedication of the National Vigilance Park and expansion of the National Cryptologic Museum; the National Information Assurance Strategy; the Administration Encryption Policy; the Intelligence Community Senior Leadership Program; the National Information Assurance Partnership; implementation of a Y2K policy/strategy; the NSOC Strategic Architecture; and participation in the Discovery Channel's episode on NSA. It's been an amazing 3 years!

Through these and many other efforts, the NSA/CSS team came together with a common goal, and despite tremendous obstacles, sharing a common vision, were able to work as a single entity to accomplish the mission. It is difficult to express the pride of being part of your team. No team has worked harder to ensure our Nation's security, no team has stood watch longer to prevent operational and technological surprise, and no team has been more innovative in pursuit of technological advantage for our success in the 21st century.

Thank you for helping me give the Nation my best and for letting me be part of a team that so diligently endeavors to provide the security of our Nation. We have accomplished a great deal and we all have reason to be proud. From the newest employees to the most senior, each of you is essential to the future. I know that I leave the National Security Agency in good hands – your hands, the exemplary work force of NSA. Stay with NSA, the country needs you.

Barb and I wish each of you the best of the brilliant future that awaits you. It has been an honor and truly humbling experience serving with all of you. Thank you for the supreme support given these past 3 years. May God bless each of you and this great Nation we are all so privileged to serve. One Team—One Mission!

*SA. L..*

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## Picture This

NSAer Gloria Criss Receives Prestigious Community Award: On January 15, many gathered at the Annapolis Marriott Waterfront to participate in the 11th Annual Dr. Martin Luther King, Jr. Awards Dinner for Anne Arundel County residents.

During this annual commemoration, community residents were recognized for their significant contributions within the community. Award categories included the Dr. Martin Luther King, Jr. Drum Major Award, the Peacemaker Award, the Special Recognition Award, and the Morris H. Blum Humanitarian Award.



(l. to r.) Lewis A. Bracy; Mayor Dean L. Johnson, Annapolis;  
Gloria J. Criss; and Janet S. Owens, County Executive

Drum Major Award. It is awarded to individuals who keep the dream of Dr. King alive through their actions, deeds, and words. Criss is devoted to serving others through her church, work, and community. She was awarded the 1999 Dr. Martin Luther King, Jr. Drum Major Award for her many contributions to those in need.

### Foreign Language Videos Available

The Cryptolinguistic Association (CLA) film library has more than 100 videos (VHS) in approximately 40 foreign languages. These films may be borrowed by Agency organizations, instructors, and CLA members. CLA membership is open to all, at nominal cost. For film listings and information on borrowing, contact Ken Quattlander at 963-4733(s), 301-688-4019, or [kquatt@nsa](mailto:kquatt@nsa).

The CLA Film Committee is now accepting donations of foreign language videos (VHS) for their film library. Donors will receive a free 1999 CLA membership. Films should be of good technical quality, with English subtitles and cased in their original tape jackets. For more information, contact Drage Vukcevich ([dvukcev@nsa](mailto:dvukcev@nsa)) at 963-7770(s) or 301-688-1073.

### THE NATIONAL SECURITY AGENCY NEWSLETTER

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The NSA Newsletter is published monthly by the Office of Human Resources Services for the information and enjoyment of NSA employees and their families.

Items submitted for publication should be typed double-spaced and marked with the name, organization, and phone number of the sender. Forward all items to: NSA Newsletter, Fort George G. Meade, MD 20755-6000. Feature articles are due 2 weeks before the first day of the month preceding the month the article is intended to be published. All other items are due on or before the first day of the month preceding the month in which the item is intended to be published. For example, feature articles for the May Newsletter must be submitted on or before the 16th day of March. All other items must be submitted on or before the first day of April. All submissions to the Newsletter are subject to editing for space, clarity, and classification; there are no exceptions to this policy. Newsletter office phones are 963-1848(s) and 301-688-6610 (TDD); E-mail address is [nsanews@nsa](mailto:nsanews@nsa); and location is OPS 1, South Cafeteria, Room 2.

This publication does not necessarily reflect the official views of the Department of Defense.

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## Club Notes

Deep Sixers SCUBA Diving Club will meet Thursday, March 18 at 7:00 p.m., in the Colony Seven Complex, Building 9914, Clubroom 800. Elections for president and treasurer will take place. Upcoming trips include a scuba flea market in New Jersey, the Beneath the Seas Conference in March, and a treasure hunt in May in Pennsylvania to benefit the Make-A-Wish Foundation. For more club information, see the bulletin boards in the OPS 1 center corridor (near the bank), FANX III (near the barbershop), or contact the club vice president, Vince, at 301-688-2869.

Golf Association will soon begin the 1999 season. A general membership meeting is scheduled for March 11 at the Fort Meade Clubhouse from 3:00 to 4:00 p.m. and refreshments will be provided. All picture badge personnel and their dependents are eligible to participate in the Golf Association. Fifteen outings per year are held at different courses within the states of Maryland and Pennsylvania. This year's first outing will be at Bay Hills on April 5 and the last at Andrews AFB on October 22. Membership fees are \$10 per person.

Barkway Coin and Stamp Club will hold its monthly stamp meeting Thursday, March 11 at noon. The monthly coin meeting will be Thursday, March 25 at noon. Meeting locations will be displayed in the showcase opposite the OPS 1 Cafeteria entrance during the respective week of each meeting. Any one interested is invited to attend. For stamp club information, call Grover

Hinds at 301-688-4598. For coin club information contact Mitch Ross at 301-688-8428.

Single People in Activities Recreational and Cultural (SPARC) events for March include trivia and happy hours, dining out, a singles dance, a potluck dinner, and a video/game night. For more information or a membership form, send your name, organization, and complete mailstop to SPARC, P.O. Box 635, Fort Meade, MD 20755.

Women and Men in NSA (WIN) will award Barbara W. Clark undergraduate scholarships to NSA civilians and military personnel who have not yet received a bachelor's degree and who wish to enhance their careers. The scholarships are limited to undergraduate courses and are not required to be job related. In 1998, WIN awarded \$5,360 in scholarships to 21 individuals. Applications are available in any Civilian Welfare Fund office, the Customer Service Centers, or the Career Resource Center. All applications must be submitted by noon on April 16. If anyone is unable to pick up an application, contact Nancy Stefanski (nmstefa@nsa) or 301-688-5536.

Work and Family Resource Group (WFRG) will host the program on "Using Antibiotics Wisely," Tuesday, March 16, from 11:30 a.m. to 12:30 p.m. Preregister by sending an E-mail to aledwar@nsa by March 5. Consult ESS topic 1208 for more details.

### Thrift Savings Plan Rates Through January 1999

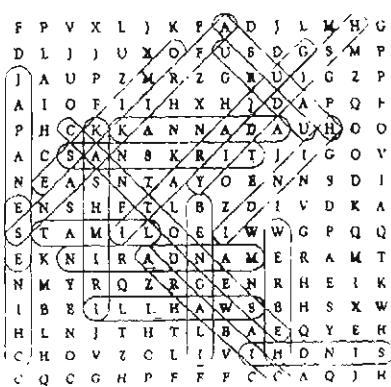
Months	C	F	G
1994	1.33%	(2.96%)	7.22%
1995	37.41%	18.31%	7.03%
1996	22.85%	3.66%	6.76%
1997	33.17%	9.60%	6.77%
1998	28.44%	8.70%	5.74%
<b>1998</b>			
February	7.20	.07	.44
March	5.11	.34	.50
April	1.00	.52	.49
May	(1.72)	.95	.51
June	4.05	.85	.48
July	(1.09)	.21	.49
August	(14.47)	1.66	.49
September	6.33	2.36	.44
October	8.19	(.52)	.41
November	6.04	.56	.42
December	5.76	.30	.43
<b>1999</b>			
January	4.19	.71	.42

### Last 12

Months    32.85%    8.09%    5.65%

Percentages in ( ) are negative.

### ANSWERS TO THE MARCH PUZZLE



## Women Putting Their Stamp on America

**P**icture a crowd on a California beach in the early morning fog. Spectators have spent 2 hours there, straining to hear an engine's roar above the sound of the breaking waves. Everyone is tense and excited. It is May 1935. At the movies, Clark Cable is starring in "Mutiny on the Bounty." In the streets, people are humming the popular tune "I Got Plenty of Nuthin." In Congress, a radical new government program called Social Security is being debated. If everything goes right this morning, Amelia Earhart will bring her plane in for a landing nearby and make another mark for herself in history.

That particular morning in 1935 went perfectly for Amelia Earhart. She landed just as planned, and became the first person to fly solo across the Pacific from Honolulu. America considered her the darling of the skies. For the next 2 years, Earhart made headlines coast-to-coast as she reached altitudes and speeds that never had before been achieved by any human being. Tragically, her string of magnificent successes was abruptly cut short on the last leg of completing the first-ever flight around the world. A massive search of the South Pacific was eventually called off without finding a trace of this wonder woman of early aviation.

Amelia Earhart's story is familiar to almost everyone. She lived the national dream of limitless freedom, bravery, and path-breaking adventure. She left her clear stamp on everyone's imagination. The choices Amelia Earhart made for her life helped to change America's notions of what women can accomplish when they are given the opportunity.

### Women's History Month

March is National Women's History Month. This year's theme is "Women Putting Their Stamp on America." The word "stamp" is a metaphor for women's positive, lasting marks, impressions, or impact on culture and society. National Women's History Month calls upon individuals to reflect on the impact women like Amelia Earhart have had on the Nation, and perhaps on individual lives as well.

The accomplishments of some women in the past made headline news. People followed their feats through newspapers or radio broadcasts, and later retold those stories to their children and grandchildren.

Some of those women were featured on U.S. postage stamps. Other women put their indelible mark on America with far less fanfare, receiving public attention only occasionally for their work. The country has benefited greatly from the contributions of all these women.

Many women have clearly put their stamp on some aspect of American life through their deliberate actions. Each of these women, including those featured on the *Newsletter* cover, believed in the glorious promise America holds for boundless human possibility.

### Madam C.J. Walker

Sarah Breedlove, now known as Madam C.J. Walker, tried her hand at earning economic independence by using the American promise to test her ideas and talents. Early in the 20th century, she became a product of her own initiative, earned millions, and helped achieve economic independence for more than 20,000 other black women.

In her humble kitchen, Walker developed the first of what became her complete line of cosmetics designed specifically for the needs of black women. From her quick mind came a new approach to marketing. She hired "Walker" agents as independent businesswomen who went door-to-door in their communities selling products on commission. By her own example and personal instruction, Walker encouraged her agents' philanthropy and community work. Madame C.J. Walker put her stamp on America as a successful businesswoman and was generous in her support of African American institutions, and a benefactor for black artists and intellectuals of the "Harlem Renaissance."

### Maria Martinez

Financial fortune and world fame were not foremost in the mind of Maria Martinez when she began ceramics experiments in the early 1900's, but she achieved both before she died in 1980. The task Maria Martinez set for herself was to replicate the ancient pottery of her Pueblo Indian ancestors. By 1919, she and her husband had succeeded in developing a process for recreating the ancient black-on-black pottery that has become globally famous among art collectors. Since that historic discovery, she and 5 succeeding generations of her family and tribe have set new standards and styles for contemporary Pueblo ceramics.

Her enterprise resulted in a strong economic base for her entire community, and her own reputation as the foremost of the modern Pueblo Indian potters. By skillfully solving the technical puzzles she faced, Maria Martinez forged a solid cultural link

between the past and present for her people, and a new respect for the art of Native Americans as well.

### **First Female Disc Jockey**

Graciela Olivarez, on the other hand, was fully aware of the increasing economic opportunities that were opening for minorities and the poor in the early 1960's. She had to quit high school before graduation, but she had made her way through business school and into radio. In Phoenix, AZ, she became the city's first female disc jockey. Olivarez was very involved with the problems of poverty. Her community activism won her an influential position as Arizona's State Director of the Office of Economic Opportunity. In that position, she was responsible for programs including Head Start, Job Corps, legal services, and migrant worker services. At 42, Olivarez became the first woman to graduate from Notre Dame's School of Law. As a law instructor, and then as New Mexico's State Planning Officer, Olivarez again focused her considerable energy on social issues, and poverty in particular. After a stint in President Carter's administration, she returned to New Mexico and in 1980, founded her own businesses in television and public relations. Graciela Olivarez's amazingly productive work and social activism have had a positive, life-changing impact on the lives of many people in the Southwest.

### **Architectural Leader**

A leadership role in her profession was not foremost in the mind of Maya Lin on the day she mailed off a bulky package to Washington, DC. That was in 1981, when she was still an architectural student at Yale. She submitted a design concept in the competition for a Vietnam War memorial that was

to be built on the Capitol Mall. However, when Maya Lin's entry won unanimously over 14,000 other designs, her career was launched and her fame began.

Lin's dazzling monument to the thousands of Americans who lost their lives in the war quickly became the most popular in the Nation's capital. She was soon commissioned to design a civil rights memorial in Montgomery, AL, the home base of that movement in the 1960's. Lin combined a wall carved with the immortal words of Martin Luther King with cool water that flows down, then cascades over a time line of martyr's names and landmark events from the movement. Pennsylvania, North Carolina, New York, also have monuments, buildings, or installations designed by Maya Lin, which have helped define American architectural design and consciousness in the late 20th century.

### **Beloved "Sesame Street" Character**

Another woman with fans around the world is Sonia Manzano. People who have watched "Sesame Street" on television during the past 15 years know her as the delightful character "Maria." She and the other television residents of "Sesame Street" teach viewers that people from all walks of life are important, and that life's problems can be solved by helping each other, and working together harmoniously.

Sonia Manzano grew up in a very close, Spanish-speaking family in New York City. The college degrees she earned in drama and the part she played in the original cast of the musical "Godspell" won her the role of Maria. On "Sesame Street" she focuses on providing a strong and positive Latina role model for children. Manzano's acting and her writings

regarding Latino culture and life experiences for "Sesame Street" have earned her many awards, including seven Emmys.

### **Cryptologic Innovator**

The name Elizabeth Friedman strikes a familiar chord. Elizabeth, the wife of William F. Friedman, was a pioneering cryptologist in her own right. Born in Huntington, IN in 1892, she graduated from Hillsdale College in Michigan in 1915 with a B.A. in English. She was recruited to work in the cipher department of the Riverbank Laboratory in Geneva, IL, where she met and married William Friedman. During the Prohibition era, Elizabeth worked for the Coast Guard to break the communications of nautical smugglers.

In 1933, she was the star prosecution witness in a case that indicted 35 rumrunners for conspiracy to violate the National Prohibition Act. Later, Elizabeth assisted the Canadian Government in the prosecution of a gang of Chinese opium dealers, by solving complex code even though she had no knowledge of Chinese. Her work was also instrumental in solving an espionage case involving an antique doll dealer in New York City who was found guilty of spying for the Japanese Government. Although overshadowed by her husband's notoriety, Elizabeth Friedman forged a path for other women in the Intelligence Community to follow.

The women noted here demonstrate the enormous range of women's contributions to life in the United States. These women and others like them have put their stamp on America. Some of them have already been honored with U.S. postage stamps bearing their portrait, while others will surely receive that honor in the future.

National Women's History Month, celebrated across the country, provides an excellent opportunity to draw inspiration from these personal stories. As the successes of women in the face of the obstacles they confronted becomes known, today's women can gain optimism about their own ability to affect



Ms. Sherry Bellamy

the world. They, too, may one day put their stamp on America.

### Distinguished Speakers

As part of this year's celebration, NSA employees will have the opportunity to meet two distinguished women who contributed significantly to building the Nation's society and culture. Ms. Sherry Bellamy, president and CEO of Bell Atlantic-Maryland will be the keynote speaker for the month. She will provide insight into "Obstacles and Opportunities in the 21st Century." Ms. Bellamy was born and raised in New York City's Harlem, and graduated in 1974 with a B.A. in Political Science and in 1977 from Yale Law School. She began her career with

Bell Atlantic in 1991 as an attorney and was promoted to vice president and general counsel of Bell Atlantic in Washington, DC, a few months later. She played an instrumental role in the approval of legislation and regulations to strengthen the company's competitive edge in local telecommunications markets. Ms. Bellamy was named president and CEO of Bell Atlantic-Maryland, Inc. on March 1, 1997.

Today, she oversees the company's local telephone operations in Maryland. Her presentation will focus on her experiences in penetrating the glass ceiling to become one of the first African American CEO's of a Fortune 500 company.

Renown sociolinguist, Dr. Deborah Tannen will present a diversity training seminar based on her book "Talking From 9 to 5," which focuses on the communications between men and women at work. Dr. Tannen received her Ph.D. in linguistics from the University of California at Berkeley and currently she is on the faculty of Georgetown University. She is a distinguished professor of linguistics, and a tremendously successful author whose best selling books have made her brilliant insights accessible to men and women the world over.

While countless others' writings about male-female relationships tend to blame one sex or the other, Dr. Tannen adopts a neutral stance. This has made her insights tremendously popular with both men and women.

Visit the EEO HomePage at:

<http://www.s.nsa/EEO/events.html>  
to register for these events.



Dr. Deborah Tannen

*Adapted by the Office of Diversity from a speech distributed by the National Women's History Project, Windsor, CA with information from the NSA archives, and biographical sketches provided by Ms. Bellamy and Dr. Tannen.*

All Newsletters distributed to Agency facilities outside NSA should be treated with extreme care; these Newsletters should not, under any circumstances, be taken outside the facilities. Because the Newsletter contains information about NSA employees and activities which is not routinely made available to the public, reasonable care must be taken to keep it within the circle of Agency employees, retirees, and immediate families. Newsletter copies received in the mail or taken from Agency buildings should be given special care and should be destroyed as soon as they have been read.

## Women's History Month Calendar of Events

Date	Time	Location	Topic
March 4	10:00-11:00 a.m.	Friedman Auditorium	Keynote Speaker: Ms. Sherry Bellamy President and CEO Bell Atlantic Maryland
March 9	8:30-11:30 a.m.	R&E Symposium	Financial Well Being: What Every Woman Should Know
March 11	9:00-11:30 a.m.	OPS I North Cafeteria Party Rooms	Senior/Mid-Level Women's Round Table Discussion
March 18	11:00 a.m.-1:00 p.m.	Canine Suite	Federal Women's Program Award Luncheon
March 22	9:00-10:00 a.m.	Canine Suite	Dr. Deborah Tannen—Communications Workshop
March 25	7:30 a.m.-4:00 p.m.	Martin's Eastwind	Baltimore Federal Executive Board Federal Women's Program Conference
2-hour sessions		Various Agency locations	Crime Avoidance Program: Personal Security through Awareness and Action

Additional information and details are available on the Web at <http://jewel.nsa/FWP>. Registration for the keynote address and the communications workshop is available on the EEO HomePage at <http://www.nsa/EEOevents.html>.

## Mark Your Calendar

### March 24 Lunch N' Learn

"More Time to Tune Into Life — Break Away from TV" will be presented from 11:30 a.m. to noon in the Friedman Auditorium. The speaker will be Ms. Mimi Noorani, Program Director, TV America.

By age 65, the average American will have spent approximately 9 years glued to the tube. Reclaim your life from television! Learn what a difference it can make. For more information on this event, send an E-mail to Work/Life Services at [wrklife@nsa](mailto:wrklife@nsa).

### April 14 Holocaust Memorial Observance

Mr. Terry L. Thompson, DDS, is proud to sponsor this year's Holocaust Memorial Observance, which will be at 10:00 a.m. in the Friedman Auditorium.

The keynote speaker for NSA's 12th annual commemoration of the Days of Remembrance for the Victims of the Holocaust is psychologist and lecturer, Dr. Edith E. Eger.

Dr. Eger, a survivor of Auschwitz, has given motivational talks all over

the world on her experiences during the Holocaust.

She specializes in helping military personnel to deal with the psychological distress that arises from combat or the trauma of being held as a prisoner.

During the commemoration program, she will share her inspiring story in a presentation entitled "To Be or Not to Be—A Victim or a Survivor."

## OPS 3 Building Dedicated To Cryptologic Pioneer

by Tom Johnson

**O**n January 27, curious onlookers wondered about the large canvas canopy, metal folding chairs, and podium in the courtyard between Gatehouse 8 and the entrance to the OPS 3 building. The late morning sun filtering through the trees fell on a large granite boulder. Resembling a grounded meteorite, the stone's sole flat face displayed a large brass plate inscribed:

"This building is dedicated to Frank B. Rowlett—American Cryptologic Pioneer—Head of the team that broke the Japanese "PURPLE" cipher device in 1940—Principal inventor of SIGABA, the most secure cipher device used by any country in World War II."

An Agency bus rumbled up to the gatehouse. DIRNSA emerged, accompanied by members of Mr. Rowlett's family; the present and several former Deputy Directors for Information Security (DDI); and Whitfield Diffie, a renowned civilian cryptographer. They gathered under the canopy as Mr. Mike Jacobs, DDI, introduced Lt General Minihan who dedicated the building.

Mr. Frank B. Rowlett, was a figure of historic importance. Although he led the team that broke Japanese codes, Mr. Rowlett emphasized throughout his career that defense was primary. He believed it was more important to secure one's own communications than to exploit others. Having broken the codes of other countries, the gospel he preached was communications security—never allow an adversary to do to the U.S. what was done to the Japanese and the Germans in World War II. He devoted his life to this concept. Mr.

Rowlett, a complex genius, regarded himself as a simple man. Born in southern Virginia, he grew up in a rural setting, and never lost this Southern gentility. But his placid exterior concealed a brilliant mind. He

ee in Friedman's new organization, the Army Signal Intelligence Service. Mr. Rowlett, with his new colleagues Abraham Sinkov, Solomon Kullback, and Japanese linguist John Hurt, formed the nucleus of America's successful assault on Japanese diplomatic codes. They also worked to strengthen

the notoriously weak American code systems. (The British, for instance, read American diplomatic codes at least through the middle portion of World War II.)

By the time the war ended, American Army and Navy systems were difficult to break. The SIGABA, Rowlett's invention (coinventors were William Friedman



(l. to r.) Lt Gen Minihan, Thomas Rowlett, Pamela Rowlett, Shari Rowlett, Jonathan Rowlett, and Mr. Mike Jacobs, DDI at dedication ceremony

graduated from college with four majors—mathematics, chemistry, physics, and Latin, an extraordinary accomplishment. After graduation, he went to southwest Virginia to teach high school math and chemistry. He did not stay there long—in 1930, only a year out of college, a Federal job register caught his eye.

A "Mr. William Friedman, resident in Washington, DC" was advertising for junior cryptanalysts. The salary was \$2,000 per year. The prerequisite was a strong background in both mathematics and languages. It was the Great Depression \$2,000 per year was good pay.

However, no one he talked to could tell him what a cryptanalyst actually did. He applied nonetheless, and was hired immediately. Mr. Rowlett became the first employ-

and Laurance Safford) was impenetrable, and was never broken by any country. It projected the United States into the lead in cryptography, a lead it has never lost.

So, the OPS 3 building has been renamed. It has taken the name of one of America's great cryptologic pioneers. It is only the second building that NSA has named—the first was the new building housing supercomputers, named after Dr. Louis W. Tordella in 1997. However, this is the first time NSA has changed a name—chiseled off the old name and emblazoned the new one on the face of a building.

It is the beginning of a new era, in which many of NSA's structures will be named or renamed for the great men and women of American cryptologic history.

## Awards

### EXCEPTIONAL CIVILIAN SERVICE AWARD



David M. D'Auria



Kelly A. Miller

### DIRECTOR'S DISTINGUISHED SERVICE MEDAL



Antione D. Johnson  
COL/USA

### CITIZENSHIP AWARD



Frederick L. Riedel  
III

### MERITORIOUS CIVILIAN SERVICE AWARD



Thomas E. Anderson



Mark G. Dearfield



Regina A.  
Hambleton

### DEFENSE SUPERIOR SERVICE MEDAL



Charles H. Berlin III  
COL USA



Karen A. Laino  
CAPT USN



William E. Tate



Joseph R. Williams

## Retirements

43 Years  
Theodore R. Dzielski  
Marcelo R. Lobato

42 Years  
David R. Bitzer  
Bruce W. Fletcher  
Lawrence S. Howell  
Saul D. Jacobs

41 Years  
Leonard W. Cotton  
James A. Donnelly  
Charles E. Plummer

40 Years  
John R. Crider  
Donald C. McCall

39 Years  
Harley W. Carter  
Thomas W. Pryor  
Henry R. Roundtree  
Kenneth E. Williams

38 Years  
Francis B. Curley  
Charles B. Fey  
Ralph L. Moore, Jr.  
Richard A. Silbermann  
James E. Tennant  
Lawrence J. Turner  
Richard L. Wahl

37 Years  
Charles P. Buss  
Edward J. Czaplicki  
Frank Krapcho, Jr.  
Preston C. Richardson  
John W. Urian

36 Years  
Carol J. Bohuslav  
Joseph P. Leeds  
Jacqueline K. Mislyan  
Thomas W. Orcutt  
Willie J. Ross  
Calvin E. Saltzman  
Ronald J. Wells

35 Years  
William J. MacCormack  
Howard S. Pierce  
Richard C. Proto  
Richard W. Williams, Jr.

34 Years  
William A. Burkman

Timothy M. Hudson  
Ronald N. Kemper

33 Years  
Edward L. Coffey  
John W. Frank, Jr.  
Robert J. Marchegiano  
Maritza L. Stone  
Thomas I. Waters II  
Robert L. Werner

32 Years  
Bruce B. Bottomly  
Kenneth E. Danckaert  
Richard T. Grimes, Jr.

31 Years  
Mark L. Belcher

29 Years  
Mary S. Tomey

28 Years  
Michael W. Hackney  
Lawrence L. Harris, Jr.

27 Years  
Mary E. Harrigan

26 Years  
Jack A. Lehman  
Clyde A. Whitener, Jr.

25 Years  
Ronald E. Crockett

21 Years  
David M. Thompson

17 Years  
Jose A. Martinez

### REPORTING ON FRAUD, WASTE, AND INEFFICIENCY

The Secretary of Defense has solicited the cooperation and support of all DOD personnel in reducing fraud and inefficiency in DOD. All personnel should be alert to opportunities for improved economies and efficiencies in NSA operations. Recommendations should be made through appropriate management channels.

To report suspected instances of fraud, waste, and inefficiency within NSA, call either the NSA Inspector General (IG) at 301-688-6666 or the DOD Hotline at 1-800-424-9098. The Hotline operates from 8:00 a.m. to 5:30 p.m. each weekday and is staffed by personnel from the Defense Criminal Investigative Service. The identity of all callers will be fully protected.

Personnel using the outside telephone on contacting the DOD Hotline are reminded of security requirements; they should discuss only unclassified information. Classified conversations should be held only over the secure phone with the NSA IG's office or with the IG's representative in person in Room 2B8076, Operations Building 2B. Staff personnel or others wishing to leave a message with the NSA IG may do so by calling on the secure phone and leaving a recorded message.

## Picture This

1999 CWF Council Year Begins: The first official meeting for the newly elected Civilian Welfare Council (CWF) members was held January 28. CWF members and their supervisors attended a brief indoctrination to explain CWF operations and the council members' commitment to the operations. The council also discussed upcoming programs and services to be offered to Agency personnel. In addition to regularly scheduled monthly meetings, members attend committee meetings and volunteer their time for many events throughout the year. This year's council hopes to improve morale by fostering new ways employees can participate in the variety of activities the CWF offers.



CWF members (front row l to r.) Alyson Donnelly, Laura Livolsi, Dawn Taylor, Dineen Mannarelli, Michele Spaulding, and Christine Wellford (back row l to r.) Randy Cowan, Yolanda Fogg, Ed Reeves, Eileen Sefchuck, Richard Bergamaschi, Karen Tremper, Jerry Brainard, James Mocty, Gail Rumenap, Roger Massey, MSgt Jeffrey Carbin, Walter Ruth, and Mark Viola. Not pictured: Monica Hill and Margie Lund

## Action Line

Have a question or thought to express? Use Action Line! Opinions expressed in letters do not necessarily represent official viewpoints or the views of the Newsletter Staff.

### KEEN EYESIGHT

Dear Action Line,

Many thanks to the individual who returned my keys that were lost during the January 8 snowfall. They were lost in the parking lot on Canine Road across from the barracks. Although the "Florida" tag on them was apparently destroyed, I'm glad your eyes were good enough to spot the three keys that were undamaged. It's not the first time I've been the beneficiary of the thoughtfulness of NSAers. Thanks also to the Customer Service Center for searching and checking the lost and found box—otherwise I never would have recovered them.

—A Grateful Employee

### LET'S BE FLEXIBLE

Dear Action Line,

It is my understanding that when donating leave to someone, leave bank personnel will not accept .5 or .25 hour increments. Employees can only donate complete

hours. However, when surplus donations are received, leave is credited back to the donors balance in increments such as 7.25 or 4.5 hours. This does not seem fair! I like to donate leave whenever I can help someone, but in the event they don't need it all, I dislike having amounts like .25 hours in my account. I will continue to donate leave, but I do find this policy frustrating and wish those determining leave policy would consider changing it.

—Frustrated Leave User

Dear Frustrated,

The DCPS Payroll system sets the guidelines as to how leave donations are driven. The system is set up to only accept 1 hour increments for leave donations. The reason leave is given back to leave donors in increments such as .5 or .25 is that the unused leave has to be divided between all the donors and evenly deposited to the donors accounts.

—Leave Sharing Program Office

## **Paul Derthick's Headline Puzzle** ..... by Larry Gray

This month's puzzle contains headlines from recent daily newspapers. Each of the five problems is a different letter-for-letter substitution. All five are derived from the same mixed alphabet at different settings against itself. To pick up a handout with Paul Derthick's explanation of how to do the Headline Puzzle, stop in the Newsletter office, OPS 1, South Cafeteria, Room 2.

1. BJIWUT, MQLVGTAUZ OGJM HQPG DWJIGTA PUBGM QZBU OJWW UH HJXG
2. XGYWTNPIX UGXKPIY PINWGWMN KPNA OBXIM NJ XUJON UJBBXG
3. DTUDUAGM WGNQAWJBQUZ YUCWM AOCB MUYZ TGLILWQZN LUXDJZI
4. BVOI ZFGI UV CA RAJVUGFUGRJ IAFM BVO WVMWV'Z DFO CPZ- GRAZZ
5. KTBSFD EKRTTVE CZICGZI FT JGKI KGER KZBSKR FRME DIGZ

*Answer will appear next month.*

*Answer to February Puzzle:*

1. HOUSE APPROVES TWO OF FOUR ARTICLES OF IMPEACHMENT
2. FCC CONSIDERS TOUGH MEASURES TO CURTAIL PHONE 'SLAMMING'
3. FAST AND EASY, INTERNET GREETING CARDS GAINING FANS
4. OLYMPIC COMMITTEE TO ACT DECISIVELY IN BRIBERY PROBE
5. WITH MARKET RIVALS WEAKENED, XEROX HAS TEMPORARY ADVANTAGE

*Setting: FILET Key: BRISKET Hat: TENDERLOIN*

## **Non-European Languages**

F	P	V	X	L	J	K	F	A	D	J	L	M	H	G
D	L	J	J	U	X	O	F	U	S	D	G	S	M	P
J	A	U	P	Z	M	R	Z	G	R	U	I	G	Z	P
A	I	O	F	I	I	H	X	H	J	D	A	P	Q	F
P	H	C	K	K	A	N	N	A	D	A	U	H	O	O
A	C	S	A	N	S	K	R	I	T	J	I	G	O	V
N	E	A	S	N	T	A	Y	O	E	N	N	S	D	I
E	N	S	H	F	T	L	B	Z	D	I	V	D	K	A
S	T	A	M	I	L	O	E	I	W	W	G	P	Q	Q
E	K	N	I	R	A	D	N	A	M	E	R	A	M	T
N	M	Y	R	Q	Z	R	G	E	N	R	H	E	I	K
I	B	E	I	L	I	H	A	W	S	B	H	S	X	W
H	L	N	J	T	H	T	L	B	A	E	Q	Y	E	H
C	H	O	V	Z	C	L	I	V	I	H	D	N	I	S
C	Q	C	G	H	P	F	F	F	C	C	A	Q	J	H

## **In Memoriam**

Frank W. Alling, a former analyst in the Operations Organization, died December 10, 1998, of a heart attack. He was 74.

Prior to joining the Agency, Mr. Alling served with the U.S. Navy. He retired in 1979 with 35 years of Federal service.

Mr. Alling most recently resided in Madeira, OH. As a hobby, he enjoyed amateur radio. Mr. Alling is survived by a sister, Leslie Vehr.

Henry W. Blumenfeld, a former senior integrated logistics support manager in the Research and Technology Organization, died October 11, 1998. He was 85.

Prior to joining the Agency, Mr. Blumenfeld served with the U.S. Army. He retired in 1989 with 32 years of Federal service.

Mr. Blumenfeld resided in Catonsville, MD. He enjoyed photography and woodworking. A son, Thomas, survives Mr. Blumenfeld.

Eddy N. Collett, a former analyst in the Operations Organization, died December 29, 1998. He was 59.

Prior to joining the Agency, Mr. Collett served with the U.S. Navy. He retired in 1994 with 35 years of Federal service.

A native of West Virginia, Mr. Collett resided in Glen Burnie, MD. He enjoyed antique cars, auto races, country music, playing pool, and traveling.

Mr. Collett is survived by his wife, Joan; five sons, Eddy, Jr., Randall, Richard, Dane, and David; a daughter, Tara W.; and six grandchildren.

Grace J. Fairman, a former clerical assistant in the Operations Organiza-

tion, died December 28, 1998. She was 81.

Mrs. Fairman retired in 1976. A resident of Severna Park, MD, she enjoyed traveling and gardening.

Mrs. Fairman is survived by three sons, Harold, Robert, and Richard; six grandchildren; and one great-grandchild.

David L. Gallagher, a power plant equipment specialist in the Support



Services Organization, died December 12, 1998, of acute cardiopulmonary arrest. He was 55.

Born in Ali-

quippa, PA, Mr. Gallagher resided in Beaver Falls, PA. He joined the Agency in 1987. In his leisure time, Mr. Gallagher enjoyed playing golf.

Mr. Gallagher is survived by his wife, Margaret; and three daughters, Kimberly Brown, Kerry Brown, and Kathleen Podielski.

Mary E. Gilbert, a former clerk typist in the Information Systems Security Organization, died January 4 of heart failure. She was 91.

Mrs. Gilbert retired in 1971 with 21 years of Federal service. She most recently resided in Port St. Lucie, FL. Mrs. Gilbert enjoyed playing cards.

Mrs. Gilbert is survived by a son, four grandchildren, and five great-grandchildren.

Samuel R. Hall, a former cryptologist in the Operations Organization, died January 18. He was 83.

Prior to joining the Agency, Mr. Hall served with the U.S. Army.

He retired in 1974 with 32 years of Federal service.

Mr. Hall resided in Silver Spring, MD. He was a volunteer aide to birds and enjoyed gardening.

Mr. Hall is survived by two children.

Adam J. Miller, a former senior electronic engineer in the Information Systems Security Organization, died January 12 of a heart attack. He was 72.

Prior to joining the Agency, Mr. Miller served with the U.S. Army. He retired in 1993 with 41 years of Federal service.

Mr. Miller resided in Millersville, MD. He enjoyed gardening and repairing automobiles.

His wife, Mary, survives Mr. Miller.

John M. Nicholls, a former research analyst in the Research and Technology Organization, died September 8, 1998. He was 74.

Prior to joining the Agency, Mr. Nicholls served with the U.S. Marine Corps. He retired with 42 years of Federal service.

Mr. Nicholls most recently resided in Lisbon, MD. He was an avid golfer and enjoyed reading, researching any topic, and spending time with his grandchildren.

Mr. Nicholls is survived by three daughters, Elizabeth Faulkner, Christine Hess, and Kathleen Kicherer; and two grandchildren.

Joseph F. Torchia, a former industrial production control technician in the Information Systems Security Organization, died January 14. He was 80.

A native of Baltimore, MD, Mr. Torchia graduated from Baltimore City College. He retired in 1976.

Mr. Torchia resided in Severna Park, MD. He enjoyed cooking and was

actively involved in the Boy Scouts of America and Calvary United Methodist Church.

Mr. Torchia is survived by his wife, Mary; one daughter, Norma Sauter; and two grandchildren.

Albert C. Wolf, a former electronic engineer in the Information Systems Security Organization, died January 17. He was 75.

Prior to joining the Agency, Mr. Wolf served with the U.S. Navy during WWII. He retired in 1989 with 36 years of Federal service.

Mr. Wolf resided in Columbia, MD. He enjoyed playing tennis, golfing, and bowling.

Mr. Wolf is survived by a friend, Irene Curtiss; two daughters, Christine Zimmerman and Sheila Jameson-Haesloop; and two grandchildren.

Arthur J. Zobelein, a former analyst in the Technology and Systems Organization, died January 19. He was 72.

Prior to joining the Agency, Mr. Zobelein served with the U.S. Army during WWII. He was the recipient of many U.S. military honors including the Purple Heart and Bronze Star and French military medals including the Legion of Honor Croix de Combattant en France. Mr. Zobelein graduated from Johns Hopkins University, and the U.S. Army War College. He retired in 1981 with 32 years of Federal service.

Mr. Zobelein resided in Front Royal, VA. After retiring from NSA, he taught chemistry and headed the science department at Wakefield School in The Plains, VA. He enjoyed antiques and oral history.

Mr. Zobelein is survived by his wife, Camille; two daughters Melinda Gurney and Stephanie Prince; one son, David; and seven grandchildren.

## In Appreciation

Matthew and I would like to express our deepest gratitude for the many expressions of love and support we received following the sudden death of my mom at Christmas. We miss her more than words can say. The phone calls, cards, flowers, visits, and prayers have been a great comfort during this devastating time. We are blessed to have such a wonderful "NSA family."

—Judi Emmel

My sister, our families, and I would like to express our deepest heartfelt gratitude for the many expressions of sympathy and support we received after the death of our dad (husband and grandfather). The cards, flowers, and general words of comfort were greatly appreciated. Your caring, kindness, and thoughtfulness will always be remembered.

—Pat Bush, Donna Williams, and Family

I would like to thank all my friends and coworkers for their support and concern after the death of my mother. Your kind words of sympathy, cards, donations, and prayers have been a great comfort to me and my family. Your thoughtfulness was deeply appreciated and will always be remembered.

—Deborah Brace

## Retirements

Friends are gifts that God gives you, to cherish and hold dear. Thank you friends for sharing your time with me at my retirement luncheon.

—Helen Goldinger

## Read All About It

Mary Schanken of the Information Systems Security Organization, led the efforts of her Junior Girl Scout Troop 2105 and Brownie Girl Scout Troop 1742 to make and deliver more than 620 loaves of various kinds of bread for Our Daily Bread soup kitchen to be distributed to guests on Thanksgiving. Her coworkers joined in the effort. Good work, Mary!

Spirits were soaring in the Smith household this holiday season. Denise K. Smith of the Technology and Systems Organization was named Designer of the Year at the 1998 Kennedy Krieger Festival of Trees held at the Maryland State Fairgrounds in Timonium in November. The Festival of Trees raises funds for emotionally and developmentally challenged children through the sale of decorated, themed Christmas trees, wreaths, and gingerbread houses every year during Thanksgiving week. Great job, Denise!

On October 14, 1998, William P. Rose Jr., of the Support Services Organization received the Volunteer Firefighter of the Year award from the West Anne Arundel County Chamber of Commerce. Bill has been a member of the Odenton Volunteer Fire Department for 5 years. During this time he has completed more than 1,000 hours of training. He is a nationally certified Firefighter II, emergency medical technician, rescue technician, and Fire Officer I. Bill has received two unit citations from the Anne Arundel County EMS, Fire and Rescue Service. He has also been among the top 10 responders at Odenton for each of the past 5 years. Well done, Bill!

At 6:30 p.m., September 19, 1998, Jeff Parr of the Technology and Systems Organization and his wife, Linda, were walking on the boardwalk in Ocean City, MD, when they heard terrified screams coming from swimmers in the ocean. Jeff quickly spotted a teenage boy and girl caught in the surf. With no rescue training and ignoring the possible danger to himself, Jeff threw off his shoes and ran into the water. The young man was already starting to drown when Jeff reached him, fortunately he was able to hold him up. Jeff grabbed both helpless swimmers by their upper arms to keep their heads above water and then let the surf push all three of them to safety. As they reached shallow water, other people arrived to help them onto the beach. Both teenagers left shortly after the rescue with a big thank you to Jeff. When asked about the episode, Jeff's humble response was that he was just fortunate to be in the right place at the right time. Way to go, Jeff!

