The Dean's Corner

When Dr. William C. Gorgas accepted the assignment to control yellow fever in Panama so the United States could dig the canal, he took on that task with confidence. Fresh from his success in Havana where Walter Reed and his colleagues had demonstrated, finally, that a certain species of mosquito, *Aedes aegypti*, transmitted yellow fever, the techniques for the job in Panama seemed clear cut. Destroy the habitat of this mosquito, interrupt the breeding cycle of the little beastsies, and the job is done. This was classical sanitary engineering at its best.

Only the magnitude of the job made it more challenging. Surprise! The administrative arrangements, specifically the men who controlled the resources to get the job done, would not permit it. Over the span of eight long years, the senior administrators believed that sanitation was equated with superficial neatness and cleanliness. They wanted the chickens in the coops, the hogs in the pens and the sewage in the designated ditches. Gorgas had tried all that in Cuba and knew that it did not work. In fact, he had tried it repeatedly for two years, while Walter Reed and his colleagues conducted the elegant controlled experiments which showed that yellow fever was invariably associated with being bitten by mosquitoes. Gorgas was somewhat skeptical of these experiments, but decided to act on the mosquito hypothesis for lack of a better idea. The success of the new approach was almost immediately apparent.

Having learned his lesson, tasted success and gained international recognition for his work in Havana, it must have been all the more difficult for him to accept the misguided constraints placed upon him by the bureaucrats in charge of the Panama Canal. His response was to speak out firmly for his convictions and to continue his work despite all obstacles. Eradication of yellow fever in the Panama Canal Zone did not come quickly. Bureaucratic delays in obtaining needed supplies slowed down Gorgas' work in eradicating mosquito breeding places. The failure was blamed on him. In fact, efforts to dismiss him were approved by William Howard Taft, then Secretary of War, and went to President Theodore Roosevelt for decision. After consultation, Roosevelt left Gorgas in charge and the work went forward.

Gorgas' work in Panama spanned eight years. During none of this time did he have the resources to do the job he envisioned, which was first to prevent all yellow fever cases and second to prevent malaria in Canal Zone employees. He succeeded in the first goal and in malaria prevention the incidence of cases dropped from over eight hundred per thousand workers to less than eighty per thousand.

Gorgas teaches a lesson in persistence in the face of criticism and in making do with insufficient resources. As we contemplate a year of level funding, let us remember Gorgas. He conquered yellow fever and crippled malaria under similar circumstances.

W.J.C.

A Belated Welcome to Junior Medical Students

We wish to take this opportunity to offer a belated welcome to the junior class of medical students at CCHS. These students, who are currently enrolled in their third year of medical school, will spend another year and a half in the Tuscaloosa Program. Although they have been with us since last summer, this is the first opportunity we have had to introduce them individually.

Amanda ABRAMS, originally from Gordo, Alabama entered UASOM after receiving a B.S. in biochemistry from the University of Alabama, Tuscaloosa. Jim AKERS, whose hometown is Florence, has come to the program after matriculating from Auburn University with a B.S. in music education. Tosh ATKINS, a native
of Tuscaloosa who stayed here while completing the B.S. degree in Chemical Engineering, has returned to complete the clinical years of medical school. David BALDONE of Birmingham completed his undergraduate degree with a double major in biology and psychology and the first two medical school years at UAB before joining the CCHS program. Brian BATES received his B.S. in Chemistry from Birmingham-Southern College in his hometown. Nelson COOPER, who graduated from Jacksonville State University with a degree in finance, originally hailed from Gadsden, Alabama. Robin DEMPSEY, a native of Montgomery, received the baccalaureate degree in biology from Drake University in Des Moines, Iowa before returning to Alabama for medical school. Richard GIST from Winfield, Alabama holds a B.S. in biochemistry from UAB. Will HARVEY, whose hometown is Camden, Alabama, holds a B.S. in biology from Samford University in Birmingham. Jeanne JAMES is a native of Auburn who completed her undergraduate studies with majors in both physics and anthropology at Auburn. Denise JOSEPH, a Birmingham native, traveled to Memphis, Tennessee to obtain a B.S. in biology at Rhodes College. Dr. Jim KILLIAN from Montgomery holds both a B.S. degree from Auburn University in physical science and the D.M.D. degree from UAB. David MULVANEY, who hails from Birmingham, received his B.S. in natural science and mathematics from UAB.

Al RECTOR came to the University of Alabama to study microbiology from Oneonta, Alabama and has returned for his clinical years in medicine. Sara RITCHEY, a native of Birmingham, traveled to Auburn for her baccalaureate studies in psychology. Katie ROBINSON, also from Birmingham, came to Tuscaloosa to complete her B.A. in public relations at the University and has returned to complete medical school at this campus. Susan SELIKOFF joins the Tuscaloosa Program of the UASOM after receiving a B.S. in physical science from Auburn University at Montgomery, her hometown. Todd SHERRER of Selma, Alabama is a graduate of the University of Alabama who holds a B.A. in economics from this school. Jim SHIKLE is a Birmingham native and a graduate of Auburn University with a degree in chemistry. Bud STANDEFFER is a Tuscaloosa native and a graduate in biology of the University of Alabama. David WEST, whose major area of study at Auburn University was chemistry, is from Montgomery. Finally, Jim ZUMSTEIN, a native of Ariton, Alabama, earned a B.S. in biology here at the University of Alabama before entering medical school. CCHS is very fortunate in having a highly qualified class of junior medical students.

Last December CCHS bade farewell to an outstanding physician and a valued friend when Dr. Bob Gloor retired. We will miss his interesting anecdotes, his wise counsel and his poetry that he shared with each of us.

Robert F. Gloor, M.D., M.P.H.

Born between the World Wars, it was perhaps inevitable that Dr. Gloor spend time in military service. He spent his four years in the Navy as a Pharmacist's Mate in the Pacific and China during and after World War II. Returning to the States, he attended Atlantic Union College in South Lancaster, Massachusetts graduating magna cum laude with a baccalaureate in biology and a minor in chemistry. Moving cross country he attended medical school at Loma Linda University in California where he received the M.D. degree. He then returned to the Northeast for a rotating internship at Memorial Hospital in Pawtucket, Rhode Island.

For the next ten years, Dr. Gloor alternated between New England and the Pacific. In Corinna, Maine he practiced General Medicine and served as the local health officer and school physician. This practice was interrupted twice when he took positions as Medical Director of a mission clinic in Guam and as Health Supervisor of the Trust Territories of the Pacific in the Mariana Islands.

When he left the Mariana Islands, Dr. Gloor augmented his professional experience and interest in community health by earning the M.P.H. degree from Harvard in Public Health Administration. In 1966 he joined the faculty of the University of Kentucky College of Medicine as Assistant Professor of Community Medicine. After a brief hiatus as Assistant Director of the Tri-State Regional Medical Program for New Hampshire, he returned to Kentucky as an Associate
Professor and Field Professor of Community Medicine and director of a regional respiratory disease program.

In 1976 Dr. Gloor arrived in the Deep South when he joined the faculty of CCHS as an Associate Professor of Community Medicine. His contribution to medical education in the University of Alabama system was further recognized in 1983 when he was made a Clinical Associate Professor of Preventive Medicine at UAB. While at CCHS he completed an edited book and several articles reflecting his abiding interest in community medicine and rural health care. At CCHS Dr. Gloor made contributions to teaching, clinical medicine, service and research. He coordinated the clerkship in community medicine and lectured in internal medicine. He taught courses in epidemiology and health policy. He was a physician in CMC’s Occupational Health Clinic. For two years in the early 1980’s, Dr. Gloor volunteered as a physician to guerrilla fighters and refugees in Cambodia. His research included surveys concerning practice site selection and practice management needs of CCHS graduates, tests of pulmonary function in disability patients and smokers, and studies of associations between alcohol sales and automobile accidents and suicides. He was active in many professional organizations, including the American Public Health Association, the American College of Preventive Medicine, and the Association of Teachers of Preventive Medicine.

A retirement party was held honoring Dr. Gloor on December 6, 1988. In addition, the Department of Behavioral and Community Medicine unanimously chose to name a student award in Community Medicine for Robert F. Gloor. The award will be given annually to the student who best reflects the values and service of our friend. For your mentorship, leadership, and friendship, thank you Bob Gloor.

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Research at CCHS

Sources of Stress Among Working Women

The image of the typical American household--Mom fixing dinner in the kitchen and Dad, with feet up, having just returned from work--reflects reality for fewer than one in eleven households today. Dr. Lee Badger, Assistant Professor in the Department of Psychiatry, has recently investigated the effect that changes in social roles have had on the mental health of the family, particularly on the psychological well-being of the working mother. She interviewed a random sample of 200 women employed at all levels at the University of Alabama--maintenance, secretarial, administration, and faculty--to look at the relationship between the stress of parent, marital and work roles and women's mental health. She hypothesized that stress could derive from three sources related to those social roles--from role conflict, role captivity, and role overload. For example, whereas one woman may thrive on multiple roles, another may experience intense conflict between roles, even those she desires, such as between the roles of mother and worker. The second source of stress, role captivity, may arise when a woman has a job but doesn't want to work, when she is married but wishes she were single, or when she is childless but longs to be a parent. The third source of roles stress, role overload, is simply the experience of having too much to do and too little time.

Several of the results of Dr. Badger's study were quite surprising. Not surprising was the finding that most women want to work and like their work; nor that most women experience high levels of overload trying to reconcile the many demands of their work and personal roles. What was surprising was the relationship between the level of education and the degree to which women were stressed by their social roles. Women with bachelor's degrees were the most mentally healthy and least stressed by any of the social roles measured. On the other hand, both women with high school educations and women with terminal degrees (MD, Law, PhD) had equivalent and high levels of depression--although for very different reasons. High school educated women were captive in their jobs, but that didn't bother them. What did depress them was conflict between their marriage and parental roles. On the other hand, women with terminal degrees seemed to put more psychological weight on their jobs and, when they didn't like their work—even a little, it became a source of tremendous stress which resulted in high levels of depression. A disturbing finding was that women who were stressed by parent-job conflicts seemed to be more distressed when they had help at home. It appears that when they have not been able to resolve their parent and work roles, having someone else to care for their children was not a source of comfort but, to the contrary, a sense of guilt.

The results of this preliminary study were intriguing. Dr. Badger hopes to locate researchers who will replicate her study in other regions of the country and in non-University settings.
ON ROUNDS at CCHS

News From The CMC

In March 1988, Mr. George Tulli, Administrator at the Capstone Medical Center, developed the Medical Services Coordinating Support Group. This group, known generically as a "quality circle," is made up of representative employees from each department of an organization who meet periodically to identify, analyze, and solve problems in the work area. The goal in exchanging ideas and information is to create effective solutions to problems shared by workers and management.

The quality circle at Capstone Medical Center, known informally as the "Co-Op", meets monthly. The 26 members of the group include department heads, charge nurses, administrative and support staff. A formal agenda for the meetings is developed by Mr. Tulli and his staff and typically addresses problems identified by himself or members of the group. The agenda is shared with all members of the quality circle the week prior to the meeting in which it is to be addressed.

Mr. Tulli acts as facilitator of group discussions. For problems requiring additional study, the Administrator appoints committees, composed primarily of non-supervisory personnel, to research problems and report on their findings at the next meeting. Recently, a study committee was appointed to review in-house guidelines for completion of the University performance appraisal forms. After many hours of scrutiny and some modifications to those guidelines, the committee presents the group with a tool that both department heads and staff agree will promote consistent and fair appraisals. Another committee will report on the possibility of a Spring picnic for employees of CCHS at the next meeting.

Members of the "Co-Op" have been pleased with the success of the group. In particular they have indicated that it has fostered a sense of teamwork and resulted in improved productivity and communication at the Capstone.

HSL News

The Health Sciences Library has added two new services: a telefacsimile machine for interlibrary loan and two microcomputers to provide computer aided instruction for medical students. In addition, the library went online with the automated circulation function of AMELIA, the University's computerized library system in February, 1989.

The telefacsimile machine was provided to the library through a Network of Alabama Academic Libraries grant. It will be used for transmitting photocopied journal articles over telephone lines. Three hours per month long distance connect charges will be paid by the grant through September 30, 1989.

Two microcomputers were placed in the library at the recommendation of the Medical Student Programs Committee for medical students to begin using computer technology. Computer aided instructional programs are being purchased for use with these computers. The Department of Obstetrics and Gynecology has purchased four programs and requested an additional two. Dr. Shulman has integrated the use of computer assisted instruction into the OB/GYN rotation. Psychiatry is also requiring the use of a set of patient case studies in the psychiatry rotation. Few instructional programs are available at present in some of the other disciplines; however a preview copy of a program for authoring such programs has been ordered.

Going online with AMELIA has required a few policy changes at the Health Sciences Library. Under the new policy, books are checked out for a period of 30 days and fines are calculated at the rate of $.25 per day for items 10 or more days overdue. Changes in technology allow the Health Science Library to provide up-to-date information to a growing number of patrons. In addition, the library faculty are involved in teaching, service, and scholarly activities to keep informed of new literature and media sources and to make this information accessible to others.

Alumni Corner

In future editions of On Rounds, we would like to devote a section to news about former students and residents of CCHS. We would like to know where our alumni have gone and what they are doing. We know that many of you have had innovative and unique practice experiences and we hope you will share them with us. Not only is this kind of news interesting to cohorts, colleagues and current faculty, it may provide insights to current students about the variety of professional experiences that may await them. If you have been involved in clinical, research, educational or service activities--or if you know of other alumni who have--please let us know by writing or calling:

John Maxwell
College of Community
Health Sciences
Post Office Box 870326
Tuscaloosa, Alabama 35487-0326
(205) 348-8831.
News Briefs

Appointments, Honors and Awards

Lorin A. BAUMHOWER, Ph.D., Professor of Behavioral and Community Medicine and Director of the Center for the Study of Aging, received the Alabama Golden Eagle Educator Award from the Alabama Senior Citizen's Hall of Fame in September, 1988.

William W. DRESSLER, Ph.D., Associate Professor of Behavioral and Community Medicine, was elected to a three-year term on the Executive Board of the Society for Medical Anthropology.

James GAUTHIER, M.D., 2nd Year Resident at CCHS, has been appointed to the Public Relations and Marketing Committee of the American Academy of Family Physicians after three years on the Scientific Program Committee of AAFP.

M. Christine NAGY, Ph.D., has been selected as Director of the Research Consulting Lab in the Department of Behavioral and Community Medicine.

Robert E. PIERONI, M.D., Professor of Internal Medicine and Family Medicine, was awarded the Army Commendation Medal for service as Chief of Professional Services at the Tuscaloosa Field Hospital. During 1988 Dr. Pieroni has received certification as a diplomat in Geriatric Medicine and as a Diplomate in Quality Assurance and Utilization Review. He has been reappointed to the Department of Defense's Civilian External Peer Review Panel. He received the Alabama Golden Eagle Humanitarian Award from the Alabama Senior Citizens Hall of Fame in September, 1988.

Publications and Presentations

Lorin A. BAUMHOWER, Ph.D., Professor of Behavioral and Community Medicine and Director, Center for the Study of Aging, and Robert E. PIERONI, M.D., Professor of Internal and Community Medicine, presented "How Primary Care Physicians Respond to Elder Abuse" which they co-authored with Carolyn CLARK-DANIELS, Graduate Research Assistant in the Center for the Study of Aging, at the 41st Annual Scientific Meeting of the Gerontological Society of America in San Francisco, November 19-22, 1988. At the same meeting Dr. Baumhover presented "Elder Abuse Intervention: A Statewide Program," co-authored by Colleen BEALL, Research Assistant, CCHS, N.P. GROTE, former Research Associate in the Center for the Study of Aging, F. R. Scogin, Ph.D. and J. M. Bolland, Ph.D.


James R. BINDON, Ph.D., Associate Professor of Anthropology and of Behavioral and Community Medicine, and William W. DRESSLER, Ph.D., Associate Professor of Behavioral and Community Medicine, presented "Social Status and Growth: Theoretical and Methodological Considerations" at the Annual Meeting of the American Anthropological Association, November 16-21, 1988 in Phoenix, Arizona.

Ms. Cynthia COLE, Assistant Professor of Behavioral and Community Medicine, presented "Antecedents and Correlates of Family Use of Self-Care" to the National Council on Family Relations Annual Meeting in Philadelphia, Pennsylvania in November, 1988. Ms. Cole is the author of a chapter, "Appalachian Family Therapy" in Appalachian Mental Health, a 1988 book edited by Susan Keefe. She also presented a four-part seminar on "Family Crisis Intervention" for the Department of Psychiatry at the University of North Carolina at Chapel Hill.

Wilmer J. COGGINS, M.D., Dean of CCHS, and Colleen BEALL, CCHS Research Assistant published "Medical Manpower in Alabama: Shortage, Sufficiency or Surfeit?" in Alabama Medicine, February 1989.

Barbara P. DOUGHTY, Assistant Professor and Medical Reference Librarian, and Lisa Rains RUSSELL, Assistant Professor and Chief Medical Librarian, published "An AIDS Information Center" in Medical Reference Services Quarterly, January 1989.

William W. DRESSLER, Ph.D., Associate Professor of Behavioral and Community Medicine, and James P. Adams, Ph.D., published "Perceptions of Justice in a Black Community: Dimensions and Variations" in Human Relations in October, 1988.

James D. LEEPER, Ph.D., Professor and Chair of Behavioral and Community Medicine, and Suming Chang, Ph.D., presented "Random-effects Model for Incomplete-data Small-sample Growth Curve Situations" to the Winter Conference of the American Statistical Association in January, 1989.
ON ROUNDS at CCHS

W. Larry RAINEY, Ph.D., Project Director of BioPrep, and Antoinette S. PIERCE, Coordinator of Academic Affairs, BioPrep, presented "The BioPrep Program Helps Students Excel in Academics" at the 22nd Annual Fall Workshop of the Alabama Association for Counseling and Development, November 9-11 in Mobile.

Mary K. SAWYER, M.D., former Assistant Professor of Pediatrics and Steven H. GEHLBACH, M.D., former Associate Dean for Academic Affairs, had their paper, "Bacterial Diseases of the Colon," published in Primary Care in 1988.

William R. SHAMBLIN, M.D., Clinical Associate Professor of Surgery, and James R. Shamblin, M.D., his brother, presented "Vertical Banded Gastropasty: A Review of 1,000 Cases" at the Mayo Clinic Priestly Surgical Alumni Meeting in Rochester, Minnesota on October 22, 1988.

Bradley WARE, M.D., Assistant Professor of Family Medicine, presented "Literature of Family Practice Clerkships" to the annual Society of Teachers of Family Medicine Predoctoral Conference meeting in St. Petersburg, Florida January 25-29, 1989.

Grant and Contract Activities

The Center for the Study of Aging has received a contract from the Alabama Department of Human Resources to provide elder abuse intervention training to the 270 adult protective service workers and supervisors in the state. Lorin A. BAUMHOVER, Ph.D., Professor of Behavioral and Community Medicine and Director of the Center for the Study of Aging, is project director.

Vital Statistics

Third year resident Vance BLACKBURN, M.D., and his wife Karen celebrated the birth of a daughter Caroline on October 13, 1988.

Sympathy is extended to Margaret GARNER, Assistant Professor and Clinical Nutritionist in Family Medicine, on the death of her father on January 30, 1989.

Christopher Daniel Johnson was born to former CCHS resident John Taft JOHNSON, M.D., and his wife Karen on September 4, 1988. John is practicing medicine in Crestview, Florida.

A son, Jonathan David, was born to Bob MAY, M.D., second year resident, and his wife Linda on August 31, 1988.

Community Service

David C. HEFELFINGER, M.D., Professor and Chief of Pediatrics, and Mary K. SAWYER, M.D., former Assistant Professor of Pediatrics, presented a seminar on "Infectious Diseases in Day Care Centers" at a DCH program for licensed day care workers. Dr. Sawyer also presented the topic, "Pediatric AIDS."

Arrivals and Departures

Ms. Ruth Ellen BEHM has returned to CCHS this Spring as a Social Work Intern. Her mornings are spent at The Center for the Study of Aging and her afternoons at the Capstone Medical Center.

Marcia J. CHESEBRO, M.D., resigned as Assistant Professor of Family Medicine to enter private practice in her hometown of Huntsville, Alabama.

Ms. Cynthia COLE has joined the Department of Behavioral and Community Medicine as an Assistant Professor. With a background in family studies, Ms. Cole is involved in the Family Assessment Clinic at CMC.

Ms. Nancy DAVIS is the new Graduate Research Assistant in the Research Consulting Lab.

Alan J. MAXWELL, M.D., returned to CMC as Associate Professor of Family Medicine effective January 1, 1989. Dr. Maxwell is also certified in geriatric medicine.

Ms. June SMITH has joined the staff of the Center for the Study of Aging as a Graduate Research Assistant.

Ms. Linda TUTEN, Secretary III, resigned her position with the Department of Obstetrics and Gynecology in January 1989 to accept a position at the University's Aquatic Center. She has been replaced by Ms. Rebecca PARKHURST.

Sylvia GOODWIN has resigned her position in Residency Affairs as of January 1989.

John MAXWELL joined CCHS on November 24, 1988 as Assistant to the Dean.
The Lister Hill Society

Alabama Congressman Lister Hill, known as the nation's "Mr. Health," served eight terms in the House of Representatives and more than thirty years in the Senate. He authored the Hill-Burton Hospital and Health Center Construction Program, which has provided money to build thousands of hospitals and clinics.

In January 1975, at the inauguration of the society bearing his name, Senator Hill said, "The great majority of my years have been spent in public service--much of that service in the field of medicine and health care. I sincerely hope the Lister Hill Society will give many more years of service to the task of healing mankind's body and mind.... Medical education is the seed from which will spring a new day for the people of Alabama."

Senator Hill's speech echoes the sentiments of the members of the Alabama legislature who established the College of Community Health Sciences specifically to address the need for practicing physicians in small towns and rural areas. Although state support for the college was substantial, it was obvious from the beginning that additional support from private sources would be needed if the college's goals were to be achieved.

The Lister Hill Society was designed to link health and medical leaders, especially alumni of the University of Alabama, directly with the college, its medical education program, its family medicine residency, and the Capstone Medical Center. Society members were asked to give the college the benefit of their individual and collective advice; to sponsor meetings between society members and university administrators for an exchange of objectives and plans; to provide a continuing source of funds to assist the college in carrying out its mandate to secure health care for small communities; and to recognize devoted supporters.

The purposes and goals of the society and the college have remained the same, but specific needs have changed over the years. Current major areas of need are the renovation of the auditorium in the Educational Tower, scholarships, the establishment of an endowed chair and capital funds to build a faculty-administrative office building adjoining the CMC. A portion of your membership dues will be used to absorb the cost of prescription medication to indigent families.

The Lister Hill Society offers six classes of membership: Corporate, $10,000 and more; Life $5,000; Benefactor, $1000; Patron, $250; Sustaining, $100; and Active, $50. For additional information and membership cards, please contact:

John Maxwell
College of Community Health Sciences
PO Box 870326
Tuscaloosa, Alabama 35487-0326

or call: (205) 348-8831.

PLEASE FILL OUT THE INFORMATION BELOW AND JOIN TODAY!

MEMBERSHIP CLASSES

I prefer to pay my gift

I am an Alumnus of The University of Alabama? Year Degree

College

Signature Date

(Please make checks payable to the Lister Hill Society)  
All Donations are Tax Deductable
College Calendar

APRIL 7:
"First Friday Conference"
Lecture and Demonstration of Dance
Performances of Isadora Duncan and Loie Fuller by Edith D. Barnes, Associate Professor and Director of Dance

APRIL 7:
Pre Med Day

APRIL 10 - 14:
"Gastroenterology Week"

APRIL 14 - 16:
MASA 1989 Annual Meeting
Paul W. Bryant Conference Center

MAY 5:
"First Friday Conference"
Leon J. Weinberger, Ph.D., Research Professor of Religious Studies

MAY 6:
CCHS Family Picnic - Holly Springs

MAY 20:
Honors Convocation - Sheraton Capstone

MAY 27:
Residents' Lampoon
CCHS Reunion

JUNE 2:
"First Friday Conference"
James L. Taylor
"Environmental Issues"

Make plans to attend the following events sponsored by CCHS during the months of April, May and June.

ON ROUNDS is published quarterly by the College of Community Health Sciences and the Lister Hill Foundation.

ON ROUNDS at CCHS

THE UNIVERSITY OF ALABAMA
College of Community Health Sciences
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ADDRESS CORRECTION REQUESTED

Paul Berger, French surgeon, 1845 - 1908, introduced the use of the gauze face mask in October 1897.

"When society cannot afford to have what it cannot afford to be without, it is the occasion for charitable giving."

Alan Gregg (1890 - 1957)