



ARCS FOUNDATION, INC.

Achievement Rewards for College Scientists
Atlanta Chapter

Third Annual
ARCS Awards Luncheon

October 25, 1994

ARCS CREED

The ARCS Foundation
is dedicated to helping fill
our country's great need
for scientists and engineers
by providing scholarships for distribution
to academically outstanding students
who are United States citizens
and in need of financial support
to complete their higher education,
thereby contributing
not only to the advancement
of science, but to the
material and intellectual
welfare of man.

ARCS Foundation, Inc. Atlanta Chapter

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PROGRAM

WELCOME

Patsy Drummond, President
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LUNCHEON

MASTER OF CEREMONIES

The Honorable Louis W. Sullivan, M.D.
President
Morehouse School of Medicine
and
former Secretary, United States Department
of
Health and Human Services

AWARDS PRESENTATIONS

Dr. Billy Frye
Vice President for Academic Affairs and Provost
Emory University

Dr. Gerald Wayne Clough
President
Georgia Institute of Technology

Dr. J.K. Haynes
David Packard Professor and Chair of the Biology Department
Morehouse College

ARCS FOUNDATION, INC.
ACHIEVEMENT REWARDS FOR COLLEGE SCIENTISTS

The ARCS Foundation Inc., founded in Los Angeles in 1958, recognizes that America's future rests with the young men and women who will invent the answers to the scientific and technological challenges we face as a nation today.

Members in chapters located throughout the United States provide scholarship funds for academically outstanding United States citizens who are pursuing higher educations in the fields of natural science, medicine and engineering.

The Atlanta Chapter, incorporated in 1992, will contribute to scholarships for students in Georgia. ARCS scholarship funds have found their way to college and university campuses from Massachusetts to California and have helped support individual scholars in nearly every scientific discipline.

ARCS FACT SHEET

	LOCAL	NATIONAL
Founded	1992	1958
Members	83	1,532
Scholarships Granted	15	5,814
Scholarship Dollars	\$81,000	\$18,651,164
Schools Supported	3	61
Total Chapters	1	14

RODNEY K. ALAN

Morehouse College
Junior, Biology Major



From Tallahassee, Rodney Alan plans a career in orthopedic medicine. His academic honors include the National Dean's List and the Golden Key National Honor Society. In addition to his interest in practicing medicine, he is also involved in biomedical research and has participated in summer research programs. At Yale University Medical School, in 1993, he worked on ion transport in the distal tubule in kidneys, and in 1994, at Harvard University Medical School he studied the role of CD43 receptor in hemotypic adhesion of leucocytes.

WILLIAM H. BASINGER

Emory University
Ph.D. Candidate, Chemical Physics



A graduate of the University of Arkansas with a Bachelor of Science degree in Chemistry, Will Basinger plans a future in chemical research. His research at Emory has included work on the development of a Pulse Amplified Ring Dye Laser System. He has also collaborated on several publications in the field, most recently involving electronic spectroscopy. As the recipient of the Hoechst Celanese Patent Award in 1994, Will has worked on the development of polycarbonate and resin cross-linkers, as well as the development of beta-blockers.

DEBORAH K. BEATTIE

Georgia Institute of Technology
Ph.D. Candidate, Mechanical Engineering



Deborah Beattie continues a third year as one of our chapter's ARCS Scholars. After graduating from Georgia Tech with High Honor in Engineering Science and Mechanics, she worked at Pratt and Whitney as a Structures Engineer; in 1990 she won their Eagle Award for her participation in developing the high pressure turbine configuration for the USAF Advanced Tactical Fighter Engine. Returning to Georgia Tech, she began research on the mechanical and histological analysis of atherosclerotic human arterial tissue. Her career goals include continuing research in biomechanics and teaching at the college level.

A SCHOLARS

ANGELA G. BIRCHLER

Emory University

Ph.D. Candidate, Organic Chemistry



Angela Birchler received a Bachelor of Science degree in Chemistry from the Georgia Institute of Technology in 1988 and worked for Burroughs Wellcome Corporation and Kimberly-Clark Corporation before entering Emory in 1990. Her interest is pharmaceutical research and development. She is experienced in chemical manufacturing processes, as well as producing clinical trial and toxicology drug material. Angela has co-authored several papers for the Journal of the American Chemical Society, one of which described a new process for the synthesis of highly substituted aromatic compounds.

JEAN E. DAVIS

Georgia Institute of Technology

Ph.D. Candidate, Mechanical Engineering



Jean Davis is in her second year as an Atlanta ARCS Scholar at Georgia Tech. She graduated with honors in Mechanical Engineering from the University of Florida and worked for nine years in the defense contracting industry. As a National Science Foundation Graduate Trainee and a George Woodruff Fellow in Mechanical Engineering, Jean will serve as the Chair of the 5th Annual Georgia Tech Graduate Student Symposium to be held in February, 1995. Her doctoral research involves characterizing the mechanical behavior of composite materials through computer numerical techniques.

PAUL S. HACKETT

Morehouse College

Senior, Biology Major



From California, Paul Hackett plans a career in academic medicine. His undergraduate research experience includes work in 1993 at the University of California at San Francisco on a bacterial outer membrane protein thought to play a role in the development of gingivitis. In his junior year, he worked on a research project at the Morehouse School of Medicine investigating the mechanism of mother-to-infant transmission of the AIDS virus, and in 1994 he did research at the National Institutes of Health. Since 1992 he has conducted workshops with elementary school children concerning science-related topics.

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100% of all donations go directly to scholarship without deductions for administrative overhead. A gift to ARCS means that every dollar goes exactly where you wish. By soliciting gifts from many donors and pooling those funds, ARCS enables the University to offer a limited number of highly attractive and competitive fellowships.

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Michelle Nordin, Treasurer
14 Ball Creek Way
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