

# Houston Hume Carr

Alumni Professor of Management (MIS)  
College of Business

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## Auburn University

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### Education

Doctor of Philosophy, *University of Texas* - 1984 (Major: Information Systems)  
Master of Business Administration, *Texas Christian University* (Major: Management Info Sys)  
Master of Management Science, *Texas Christian University* (Major: Management Science)  
Bachelor of Science, *The Virginia Military Institute* (Major: Electrical Engineering)

### Academic History

Co-founder and Director - *Partnership for Information and Telecommunications Management, Auburn University*, April 1997 to present

Alumni Professor of Management (MIS), College of Business  
*Auburn University*, Sep 21, 1994 to Present - Tenured Graduate Faculty.

Alumni Associate Professor of Management (MIS), College of Business  
*Auburn University*, May 19, 1993 to Sep 21, 94 - Tenured Graduate Faculty.

Associate Professor of Management (MIS), College of Business  
*Auburn University*, June 19, 1989 to May 19, 93 - Tenured Graduate Faculty.

Associate Director - *Thomas Walter Center for Technology Management Auburn University*, College of Engineering, Jan 1, 1990 to June 1992

Assistant Professor of Management, College of Business Administration  
*University of Georgia*, Sep 1984 - June 1989



### Industrial Experience

Systems Specialists, Estimating Project Administrator, and Aerosystems Engineer,  
*General Dynamics Corporation*, Fort Worth, Texas (Now The Lockheed Company)

### Honors

Named *Outstanding Teacher for Department of Management for 1999*.

*Auburn Graduate Business School* Faculty Member of the Year - 1998.

Selected for *Auburn University Alumni Professorship*, May 1993.

Honored as *Outstanding Doctoral Alumnus* of Department of Information Systems and Management Science, *University of Texas*, Arlington, TX campus, April 16th, 1993

One of 21 Auburn University faculty honored for 1989 book publication by the Auburn Graduate School.

University of Georgia Department of Management Teaching Excellence Award.

SIM Doctoral Fellow.

### Books

*The Management of Telecommunications* with Charles Snyder - Irwin Publ. (1997, 2002, 2004)

*Data Communications for Executives* - Tavenner Publishing, SC. (2000)

*Managing End User Computing* - Prentice-Hall (1988).

## UNIVERSITY OF GEORGIA MIS WORKING PAPERS

Carr, Houston H. "The Issue of Data Administration," Working Paper Series, *UGA End User Computing/Research Center* EUCRC WP#4, University of Georgia, Athens, GA 30602

Carr, Houston H. "End-User Computing and General Systems Theory," *UGA End User Computing/Research Center* EUCRC WP#6, University of Georgia, Athens, GA 30602

Todd, Wayne and Houston H. Carr. "Systems Development Methods," *UGA End User Computing/Research Center* EUCRC WP#7, University of Georgia, Athens, GA 30602

### COURSES TAUGHT - Each taught at the graduate and undergraduate level

- ✓ Business Telecommunications and Networking
- ✓ Managing End User Computing \*
- ✓ Introduction to MIS/DSS
- ✓ Special Topics in MIS
- ✓ Advanced Data Communications \*
- ✓ Building Effective Decision Support Systems
- ✓ Conceptual Foundations of Business (General Systems Theory)
- ✓ Co-op sponsor for MIS students

\* = Developed New Course

### JOINT APPOINTMENT

*Thomas Walter Center for Technology Management*, a joint venture of the Colleges of Engineering and Business at Auburn University to help U.S. industry exploit rapidly changing technology. The *Center* has established the *National Consortium for Technology in Business* to help the engineering and business professions compensate for their very different emphases on technology and business fundamentals.

Oct 1989 - June 1992      **Associate Director and Co-principal** in developing projects with apparel industry participants, The Allen-Bradley Company, and Martin Marietta. Dr. Carr was the MIS member of apparel industry's *Quick Response* Team, and co-director of Allen-Bradley and Martin Marietta projects.

Oct 1989 - Present      **Academic Affiliate.**

Chartering Director - ***Partnership for Information and Telecommunications Management*** - The purpose of this partnership between the Department of Management and industry is to build relationships that will aid each party. During the first year of the Partnership, Drs. Carr and Snyder have approached a number of companies in Alabama and Georgia, five of which have joined us as. This has created an extremely valuable financial recourse for the MIS area and brought members of industry closer to our program of study to aid in its development. Part of the objective of the Partnership is to make our students and faculty available for projects in the partners' organizations and to gain their insight as to how our programs of study can be made stronger for its graduates.

Dr. Carr organized and directed the May 15th, 1998 meeting of the ***Auburn Partnership for Information and Telecommunications Management***. The 10 managers who attended were given a much closer look at our MIS programs and we a better idea of their needs for graduates

The Ernst & Young projects began the quarter after the March 1996 meeting and continued thru Spring 1998. At present, we are conducting three projects for the firm, with each project being conducted by two teams on successive quarters. Each project is peopled by MIS students from an MIS Projects class, MN588, and directed by a Masters of MIS students as an MN690 class. Dr. Carr oversee the projects and has received very positive responses from the client.

As part of the May 15th, 1998 meeting, Dr. Carr organized the **AU MIS Round Table**, wherein eight of the Partnership attendees presented to the 50 attending MIS students. A Q&A session followed, which was followed by a one-on-one session between the industry members and the students.

Dr. Carr organized the second **AU MIS Round Table** and Mini-Career Fair on August 13th, 1998. Being in the summer session, it was felt that ASM meetings would be poorly attended, so this one Partnership and ASM function was organized, attended by 20 industry MIS/HRM professionals and about 100 MIS students. The MIS panel was extremely well received, wherein each of the 20 attending industry personnel described their company and the MIS challenges therein. This was followed by a Q&A session, followed by a one-on-one session between the participants and the students. The total session lasted from noon until 3pm. All industry participants expressed pleasure in being invited and the value of the session.

## Funds Generated

As Director of the AU Partnership for Information and Telecommunications Management, Dr. Carr sought new partners. Joining the partnership this time period were:

Russell Corporation	Tommy Spragin	VP - Information Systems	\$5,000
Ernst & Young	Pam Hinz	Partner	\$5,000
BellSouth	Stephen Kirkemeir	Sr. Vice President	\$5,000
Synovus/Total Systems	Rich Ussery	President - Total Systems	\$5,000
Southtrust Data Systems	Joyce Simonson	VP - Information Systems	\$5,000
Chick-Fil-A	Michael Garison	Manager - IS	\$5,000
Powtel	Gowton Achaibar	VP - Operations	\$5,000
Lithonia Lighting	Philip Kilgore	Director - IS Applications	\$5,000
ExxonMobil	Gene Hess	Director - IS Applications	Continuous

## ACTIVITIES

Round table discussant on End User Computing in MIS Track at **Decision Sciences International** annual conference, Las Vegas (Nov., 1985).

Session chairman, "Computers in Education", **Decision Sciences International** annual conference, Boston (Nov., 1987).

Discussant, End User Computing session, **Decision Sciences International** annual conference, Boston (Nov., 1987).

Invited (alumnus) participant in third doctoral student consortium at **Decision Sciences International** national conference, Las Vegas (Nov., 1985).

## DEPARTMENTAL SERVICE

**College of Business Information Technology Committee.** In this position, heard other other members advises the Executive Committee and the Dean as to use of information technology resources in the College. He has sponsored and championed the institution of a technology fee for all courses taught in the College to support the computer-based and telecommunications technology required to adequately teach these courses.

**Principal in designing and implementing a local area network** in the new college building. Dr. Carr has worked with the Telecommunications Department and all departments in the College to define the network, organize resource allocation on the network, and ensure adequate security. In order to assure an early and successful implementation, he arranged for early delivery of the equipment and created a pilot network in the Department of management, thereby allowing faculty to experience the system prior to moving to the new building. Part of the pilot and new networks will be a user-oriented and friendly electronic mail system, connecting the faculty, staff, and graduate students to each other, other units on campus, and other universities. This has the potential to significantly increase cooperation of faculty on research and reduce the costs of daily operations and research through a reduction of paper and reproduction use.

**Principal in BellSouth project to give faculty ISDN access** so that faculty can dialin from home to the CoB network and work on their office computers. This should give them greater power and a consistence environment for solitary work at home and encourage working together on common research.

**MIS Curriculum Coordinator.** He was instrumental in reorganizing this curriculum upon his arrival at Auburn and in this new position will continue to evaluate and evolve a program to meet the needs of our students and the organizations which hire them. (1993 - 1996)

**Moderator of the MIS Research Colloquium:** The MIS faculty and doctoral students gather every two weeks to exchange information and present research ideas and papers. The objective is give the students exposure to faculty research, the benefit of faculty advice on their own research, and give them practice and benefit in presentation. Dr. Carr scheduled and monitored the proceeding.

**Sponsor of AU student chapter of ASM.** Worked with MIS students to form student organization in which they will gain exposure and knowledge of their profession. Counsel with MIS students concerning MIS career development and job opportunities. (Spring 1990, Fall 1992 and on).

**Sponsor of AU MIS Internship students:** Dr. Carr allows the students working with corporations on an internship or coop quarter to gain course credit by doing extra work for him.

Principal in the University of Georgia Management Department group preparing a winning proposal for a \$2 million **IBM grant** of funds and equipment for research and graduate education in management of information systems. (1985)

**Sponsor of UGA MIS students** aiding Georgia Division of Rehabilitation Services (DRS) personnel in the use of personal computers. Organized and directed students at 15 DRS sites, providing aid and assistance to their personnel in the use of microcomputers and software. (1978-88)

Member of **UGA-MIS Industry Advisory Board.** This group of 25 Atlanta-based companies work with the MIS faculty to keep the MIS program of study current. The Board sponsors a Spring banquet for the MIS students at which scholarships are presented and students have the opportunity to meet the Board members informally. The Board companies provide opportunities for co-operative education and are a primary source of jobs. (1985 - 89)

**Sponsor of UGA student chapter of SMIS.** Worked with student officers to plan programs and host guest speakers. Organized MIS portion of College of Business Administration Majors Day whereby SMIS officers presented the MIS program of study to interested students. Counseled with many students each week concerning MIS career development and job opportunities. (1985-88)

**Sponsor of UGA MIS Co-op students** in MAN 340. The MIS area has developed into one of the two largest campus participants of co-operative education. Primary contact with the UGA-MIS Industry Advisory Board for co-op students. (1985-89) Moderator of Spring 1987 Co-op Advisory Panel meeting of students and industry sponsors.

## **MANAGEMENT DEVELOPMENT AND TRAINING/CONSULTING**

Presented training seminars on "The Managerial Uses of Personal Computers", "Lotus 1-2-3 Spreadsheet", "Advanced Spreadsheet Using Lotus 1-2-3", "Database Management Systems Using dBase III", and "DOS, Spreadsheet, DBMS, and Word Processing" to ten agencies of the State of Georgia, Corps of Engineers, and Athens Federal Savings Bank in Athens, 1984 - 1989.

Invited presenter of "Introduction to Computing" to the Management Institute of the Chamber of Commerce. (1988 - 1989)

Consulted with State of Georgia Division of Rehabilitation Services on hardware capacity and software utilization, Spring 1987.

Consulted with LTV Corporation, Dallas, TX, on computer-based pricing systems during Spring 1984.

Member of General Dynamics Corporate-wide Estimating Review Team, 1976-83 Member of General Dynamics Fort Worth Division Productivity Team, 1982-83 Member of General Dynamics Fort Worth Division Office Automation Team, 82-83 Member of General Dynamics Corporate-wide Estimating System Development Team, 1981-1983

## **Industrial Experience**

**Aerosystems Engineer** and assistant to engineering manager, Fort Worth Division of General Dynamics Corporation, 1962 - 1971. Developed specifications for electronic systems for F-111 aircraft and provided technical and administrative support to the manager and 160 engineers.

Provided computer-based support to Vice-president of Systems Technology, Fort Worth Division of General Dynamics Corporation. Created systems for monitoring all contracts in \$70 million product line. 1971 - 1975.

**Estimating Project Administrator** at Fort Worth Division of General Dynamics Corporation, 1975-1983. Directed six estimators in computer-based pricing 100+ proposals per months. Consulted on the computer-based support for the pricing of all contracts by that division, which included the multinational F-16 aircraft (\$3+ billion, 186,000 lines of input data). Principal of team providing analysis and design of new pricing program for four General Dynamics divisions. Directed the analysis and design of the proposal status system by which all proposals were scheduled and monitored.