



Key Players

Royrickers Cook – Principal and Assistant Vice President for University Outreach, assisted by Leary Bell

Rebecca Mitchell – Director, Alabama Public Library Service, assisted by Kevin E. Goff, APLS IT Department Manager

Hira Narang – Department Head – Computer Science, Tuskegee University (assisted by Professors Chung-Han Chen and Fan Wu)

Prathima Agrawal – Wireless Engineering Research and Education Center (assisted by Postdoctoral Fellow Alireza Babaei)

Don-Terry Veal-Training Manager and Director, Center for Governmental Services, assisted by Ralph Foster, CEU Officer

Bliss Bailey – Director of Campus Networking, Office of Information Technology

Kimberly Braxton Lloyd – Assistant Dean for Pharmacy Health Services (and advisor on audio-visual conferencing facilities)

AU Librarians Linda Thornton, Thomas Bell and Aaron Trehub

Royrickers Cook

(H); (334) 844-5700 (W)

Email: cookroy@auburn.edu

Education

- Ph.D. Public Administration and Public Policy (June, 2000)
Auburn University
Auburn, Alabama
Major Field(s) of Study- Economic Development & Entrepreneurship
Dissertation Title: AExamining African American Economic Development Leadership Preference In Auburn, Alabama, And Opelika, Alabama."
- MPA Public Administration (August, 1997)
Auburn University
Auburn, Alabama
Major Field of Study - Human Resource Management
- BA Public Administration (December, 1994)
Auburn University
Auburn, Alabama

Professional Work Experience

- 1/01 - Present **Assistant Vice President for University Outreach**
Auburn University
- ☐ Provides overall leadership for university-wide outreach initiatives, spanning 12 colleges and schools, aimed at advancing Auburn University=s outreach mission of applying is educational resources to problems and issues faced by citizens of the state, region, nation and world.
 - ☐ Have responsibility for a staff of over 75 individuals and an operating budget of over \$5 million. Provide direct oversight for the following outreach units: Outreach Information and Program Certification, Economic and Community Development Institute, Center for Governmental Services, Distance Learning and Outreach Technology, Outreach Program Office and Faculty Engagement and Program Development.
 - ☐ Provides leadership to Auburn University=s Gulf Shores Committee. The committee is responsible for working with the State of Alabama, the Alabama Department of

Conservation and Natural Resources and a private company to develop a \$100 million dollar hotel and convention center on the Gulf Coast in Alabama. Auburn University will offer numerous academic programs at the site.

- ∃ Coordinates Auburn University's South Africa Initiative. This initiative is comprised of four areas: Academic and Administrative Exchange; Educator Development and Preparation; Governmental Training and International Trade and Development.
- ∃ Provides leadership to Auburn University's Outreach K-12 Initiative. This initiative is designed to strengthen and improve AU's partnerships and provide expert assistance to Alabama's K-12 school systems.
- ∃ Coordinate outreach efforts in Alabama's Black Belt. This initiative provides technical assistance and support in counties throughout the Black Belt in the following areas: Education; Community and Economic Development; Cultural Awareness; Governmental Training; and Health and Wellness.
- ∃ Serve as Auburn University Outreach's Diversity Coordinator. Work with the Office of the Provost for Multi-Cultural Affairs on advancing diversity and multi-culturalism throughout university outreach.
- ∃ Serve on steering committees and work with other faculty and administrators on issues ranging from examining Auburn University's impact on the State of Alabama to improving communities educationally and economically to stimulating economic development.
- ∃ Formulate long and short term university outreach goals and secures financial resources.

Selected Special Assignments at Auburn University

- ∃ Outreach Directions Committee: This committee identified institutional goals for university outreach that supports Auburn University's vision and mission statement, provides direction for academic units and encourages collaboration on outreach initiatives amongst colleges, schools, centers and departments.
- ∃ Auburn University's Black Belt Task Force: This task force developed a long term strategic plan for Auburn University's involvement Alabama's Black Belt. The strategic plan included a blueprint for improving the Black Belt through AU's contributions in education, health and wellness, student and faculty housing, community and economic development and the expansion of the rural studio.
- ∃ I-85 Corridor Committee: This committee is responsible for developing a strategy for the I-85 Corridor. The primary goal of the strategy is to capitalize on assets of the region (from Montgomery County to Chambers County) to create clusters of economic activity.

This regional approach to economic development includes the following stakeholders: government, colleges and universities, private businesses, non-profit organizations and industry.

- ∃ AU=s Best Practices Conference Planning Committee: This conference convened mayors, state and county officials, political appointees, academics, administrators, the private sector and other experts to identify and discuss best governmental practices for the State of Alabama. Conference topics included: Financial Management; Human Resources; Capital Management; Managing for Results and Information Technology.

8/00- Present **Management Scientist for ATN-AU**

- ∃ Work with minority and women owned manufactures in the State of Alabama on ways to cut cost and reduce waste.
- ∃ Provide manufacturers with technical advice on specific problems or questions, in-dept studies, information on how to implement new policies and programs, training, manuscript preparation and referrals.
- ∃ Provide assistance to manufactures on how to implement lean manufacturing.

8/00-12/00 **Visiting Assistant Professor**
 Auburn University=s College of Business

- ∃ Lectured and prepared exams on principles of management to business management students. Lectured to 125 juniors and seniors.
- ∃ Supervised graduate teaching assistant with conducting labs.

1996-2000 **Visiting Assistant Professor & GTA**
 Auburn University=s Political Science Department

- ∃ Designed and taught courses in American Government and Public Administration.
- ∃ Assisted with the instruction of courses in Political Economy.
- ∃ Worked with lab coordinators to design programs to introduce Political Economy classes to information technology. Trained GTA=s on how to conduct labs. Software knowledge: SPSS, Word, Corel, Powerpoint, Lotus Spreadsheet and Excel.

7/00-12/00 **Researcher for Auburn University Outreach**

- ∃ Conducted research and analyzed data on fund-raising strategies by alumni associations at colleges and universities throughout the United States. Drafted a literature review devoted to fund-raising strategies at HBCUs. Literature review was included in proposal that was funded by the Mott Foundation

1999-2000 **Consultant to Auburn University=s
Economic Development Institute**

- ∃ Engaged in a strategic planning process for the city of Uniontown, Alabama. The strategic planning process required participation in focus group meetings aimed at identifying ways to stimulate economic development.
- ∃ Developed and implemented new initiatives centered around meeting the needs of the community. Served as a liaison between community development team and economic development team.

∃

6/96-9/96 **Consultant to the City of Auburn, Auburn.**

- ∃ Assisted with advancing the City of Auburn=s Housing Rehabilitation Program. Examined and conducted inspections to determine the condition of houses within the city of Auburn. The housing examination concluded with identifying and making recommendations to Auburn=s Planning Department on houses which should be considered for city=s funds earmarked for renovation and what type of renovations would be necessary for improvement.

1995-1997 **Realtor, Village Realty Auburn, Alabama.**

- ∃ Served as a Real Estate Agent to buyers, sellers and lessors of residential and commercial property.
- ∃ Served as a liaison between builders, customers and financial institutions.
- ∃ Oversaw the renovation and development of 3 residential properties and 1 commercial property.

12/94-8/95 **Researcher for Auburn University=s Center for Governmental Services**

- ∃ Collected and analyzed data on Alabama's public elementary and secondary school systems.

- ∃ Participated in the writing of an Equity Funding Monograph which focused on the disparity of funding between Alabama's K-12 schools systems.

Publications

Cook, Royrickers. 2004. *Bridging the Divide: Auburn University Outreach to Alabama's Black Belt*. Auburn University.

Cook, Royrickers and David Wilson. 2002. Alabama Issues. *Social and Economic Inequality in Alabama*. Auburn University.

Cook, Royrickers and Ralph Foster. 2002. *Auburn University and K-12: Partners in Learning*. Auburn University.

Professional Associations

National Forum for Black Public Administrators (NFBPA)
American Association for Higher Education (AAHE)
National Honor Society for Public Affairs and Administration
American Political Science Association (APSA)
University of Continuing Education Association (UCEA)

Community Involvement/Board & Commission Memberships/Honors

- ∃ Board member of the Black Belt Community Foundation
- ∃ Board member of the Alabama Humanities Foundation
- ∃ Board member of the Lynn Terra Ballet
- ∃ Member of the City of Auburn's Tree Commission
- ∃ Acknowledged as a contributor to the entrepreneurship summit - African American Entrepreneurship Summit 2002
- ∃ Auburn University United Way - Campaign Leadership Team
- ∃ Recipient of the National Forum for Black Public Administrators' (NFBPA) - Educator of the Year Award 2000-2001
- ∃ University of Promise Steering Committee 2001

Personal

Married to Catrina W. Cook
Two children: Olivia (18 years old) and Preston (9 years old)
Enjoys pick-up basketball and fishing

[REDACTED] [REDACTED]

REBECCA MITCHELL

BIOGRAPHICAL:

Date of Birth: [REDACTED]
Place of Birth: [REDACTED]
Present Position: Director, Alabama Public Library Service
Telephone: 334-213-3901 (work); 334-213-3993 (fax)
Date of Appointment: January 14, 2002 to Present

EDUCATIONAL DATA:

A.A. 1969, East Mississippi Junior College
Major: English

B.A.E. 1972, University of Mississippi
Major: Library Science
Minor: Social Studies

M.L.S. 1976, University of Alabama

WORK EXPERIENCE:

January 14, 2002 To Present

Director, Alabama Public Library Service
Montgomery, Alabama

Job Responsibilities: Serve as state librarian and direction of a state agency for Alabama. Administrative duties needed to manage the state library. Responsible for distribution of state and federal funds to public libraries. Also responsible for private grant funds affecting all public libraries, ex Gates Foundation Grants. Fiscal agent for the Alabama Virtual Library. Annual budget in excess of \$15.6 million for 2007.

February 17, 1989 to January 11, 2002

Library Director, Gadsden-Etowah County Public Library &
The Gadsden Museum of Art
Gadsden, Alabama

Job Responsibilities: Administrative duties needed to operate a main library, 3 branches and Books-By Mail Program. Service area of 103,000 collection size of approximately 200,000 volumes, annual circulation of over 250,000 and annual budget of \$1,125,000 plus. Supervision of 29 staff members.

Additional duties include director of the Gadsden Museum of Art.

September, 1987 to February, 1989

Science Librarian & bibliographic Instructor

Houston Cole Library,
Jacksonville State University
Jacksonville, Alabama

Primary responsibilities were teaching library skills to entering Freshmen in conjunction with their English classes. Also teaching upper division classes in research methods, as well as, how to use the University's library. When not involved in classroom instruction, I served as reference library for the pure science collection. Additional responsibilities were serving as faculty mentor and advisor for entering freshman students.

February, 1982 to August, 1987

Medical Librarian, Baptist Memorial Hospital, 1007 Goodyear Avenue,
Gadsden, Alabama

Job responsibilities: All acquisitions for the Medical Library, all journal and book acquisitions for the various departments of the Hospital. MEDLINE searches for the medical, nursing and administrative staff. Cataloging any new materials added to the collection. Maintained an in-house data base system for the materials vertical file not found in the various departments of the Hospital. Answer reference questions. Maintain and administer the budgets for the Medical Library and the Family Practice Library.

August, 1976 to January, 1982

Director, Talladega Public Library
Talladega, Al

All job responsibilities for the position of Director. Budget preparation, supervision of 4FT, 2PT employees, etc. During my tenure a new library was funded and built. I was involved with all phases of this project, public relations for the library, liaison for the library with city government, county government and state agency. I was also responsible for acquisition and cataloging of all library materials.

August, 1972 to August, 1975

Teacher/Elementary Library – Haleyville City School
Haleyville, Alabama

January, 1972 to June, 1972

Junior High School Librarian, Magnolia Junior High School
Meridian City School System, Meridian, Mississippi

ADDITIONAL INSTRUCTION OR CERTIFICATION:

December 2006 – Continuity of Operations (COOP) Program Manager's Train-the-Trainer Course; August 2006 – Managerial Leadership Styles for Today's Workforce- State Personnel; October 2005 – Performance Appraisal – State Personnel; June 2003 – Troubled Employee – Alabama State University; July 2003 – Positive Discipline – University of Alabama Birmingham; August 2003 – Employment Law – University of Alabama in Birmingham; July 2003 – Violence in the Workplace – Alabama State University; June 2002 – Library Security – Solinet; August 2003 – Managing Difficult Employees – Auburn University Montgomery; November 2003 – Family Medical Leave Act – State Personnel; July, 2000 – State Chapter Programs – American Library Association Conference – Chicago; January, 2000 – State Chapter- President Elect Workshop – Mid-Winter Conference – American Library Association; September, 1999 – Director's Retreat/Seminar – Auburn University; August, 1998 – Managing Technology in Public Libraries – University of Maryland; 196-1998 – Auburn Management Training – City of Gadsden; October, 1996 - "Internet: What's it To You" - APLS & SOLINET; June, 1996 – "New Information Technologies: The 10 Toughest Decisions Facing Library Management" – APLS & SOLINET;

February, 1996 – Statewide Conference on the Information Highway; January, 1996 – The Library Leadership Fundraising Training Project W. K. Kellogg Foundation & the Carnegie Corp. of New York; May, 1995 – CD-ROM Networking – SOLINET; May, 1995 Violence In The Library – SOLINET; October, 1994 – Engaging the Media – Auburn University; May, 1994 – Local Area Networks – SOLINET; Spring, 1994 – Intro. To MSDOS – Gadsden State Comm. College; Spring, 1994 – First Publishing – Gadsden State Comm. College; November, 1991 – Management Seminars – Auburn University; March 7, 1988 – Wilsonline Training Seminar; November 13, 1987 – PsycINFO Search Seminar – American Psy. Assoc.; April, 1987 – Management Communications in Special Libraries & Info. Centers – Conf. Of Hospital Librarians; Oct. 17, 1986 – NLM Online Services Update 1987 – Eastern Region Online Training & Information Center; August 15, 1986 – File Management Workshop – AIHeLA; Apr. 3, 1986 – Nursing Info. Resources – SE Med. Library Assoc.; Dec., 1985 – Time Management – Jacksonville State University; Nov., 1985 – Certification for Medical Librarian – MLA; Oct., 1985 – 1986 NLM Online Services Update – AE/Atlantic Regional Medical Library Services; Oct., 1985 – Teaching Medline to the Health Professional SE./Atlantic Reg. Medical Library Services; Apr., 1985 – Initial MEDLINE training – Natl. Library Medicine; Apr., 1985 – Organization Communication – Jacksonville State University; Mar., 1985 – Counseling in Management – Jacksonville State University; Oct., 1984 – Ref. Management Workshop – Southern Chap/MLA; Oct., 1983 – Introduction to Online Services for non-searchers – Southern Chap/MLA; Oct., 1983 – Monograph Selection, Acquisition and Management – southern Chap/MLA; May, 1983 – Library Management/Marketing – MLA.

PROFESSIONAL INVOLVEMENT:

Grants Reviewer from IMLS 2004 to present; Member of the Governor's Black Belt Action Commission 2005-to present; Board of Alumni for School of Library and Information Sciences – University of Alabama 2005 to present; Member of Cyberspace Council – Internet protection group sponsored by the Alabama Attorney General's Office and Children's Affairs Office; Chairman of Board of Advisories for the Alabama Center for the Book 2005-2006; member of the Alabama Center for the Book Advisory Board 2002-present; member of COSLA 2002-present; Secretary of COSLA 2007-2009; serve on Legislative subcommittee for COSLA 2003-present; fiscal agent for the Alabama Virtual Library; American Library Association; Alabama Library Association: Past-President, 2001-2002, President, 2000-2001, Vice-President, President elect, 1999-2000, Chair for the Public Library Division, 1993-1994, Vice-chair for the Public Library Division, 1993-1994; Friends of Alabama Libraries; Southeastern Library Association; Standards for Public Libraries Committee 1997-1999, Chairman, 1993-1996; Friends of the Gadsden Public Library; Chairman and Committee Member for the Public Library Directors Strategic Planning Committee, 2001; Committee Member for Public Capital Improvement Study – APLS; Committee Member for APLS Advisory Committee for LSTA funding 1995-1991; Library Management Network, Chairman – 1993 & 1998; Board of Trustees of Etowah County Library Committee President, 1999; Former Committee member for Alabama Union List of Serials; Coordinator for 4th Cong. District, White House Conference on Libraries, 1991.

Hira N. Narang, Ph.D.
Department of Computer Science
Home Phone: [REDACTED]
Office Phone: (334) 727-8021
E-mail: narang@tuskegee.edu

EDUCATIONAL BACKGROUND

- **Delhi University**, Delhi, India
Ph.D, Applied Mathematics, 1964-1968
- **University of Kentucky**, Lexington, Kentucky
M.S. Computer Science, 1971-1973
- **Auburn University**, Auburn, Alabama
M.S., Computer Engineering, 1976-1980

TEACHING AND RESEARCH EXPERIENCE

Tuskegee University, Tuskegee, AL

Jan. 1984 – Present

Associate Professor, Professor, and Head, Department of Computer Science

Exxon Production Research Company, Houston, TX

Sept. 1980 – Jan. 1984

Research Specialist

SUMMER RESEARCH

- 2005: Faculty Research Participant, HBCU-UP program, Tuskegee AL
- 2003 Faculty Research Participant, Iowa State University, Iowa
- 1997: Faculty Research Participant, Oakridge National Lab. Oak Ridge, TN
- 1996: Faculty Research Participant, Argonne National Laboratory, and Argonne, IL.
- 1995: Faculty Research Participant, Argonne National Laboratory, and Argonne, IL.
- 1994: Faculty Research Participant, Oak Ridge National Laboratory, Oak Ridge, TN.
- 1993: Faculty Research Participant, NASA Langley Research Center, Hampton, VA.
- 1992: Faculty Research Participant, Army Missile Command, NASA, Huntsville, AL.
- 1988: Faculty Research Participant, Oak Ridge National Laboratory, Oak Ridge, TN.
- 1989: Faculty Research Participant, Oak Ridge National Laboratory, Oak Ridge, TN.
- 1990: Faculty Research Participant, Oak Ridge National Laboratory, Oak Ridge, TN.
- 1987: Faculty Research Participant, AT&T Information Systems, Summit, NJ.
- 1986: Faculty Research Participant, AT&T Information Systems, Summit, NJ.
- 1985: Faculty Research Participant, AT&T Information Systems, Summit, NJ.

SELECTED RESEARCH PUBLICATIONS

- 1) H. Narang, Introducing Cryptography In Discrete Structures Course(ADMI09), April 2009
- 2) Lester, C, H. Narang, and C.H. Chen. Infusing Information Assurance into an Undergraduate Curriculum. Proceedings of the International Conference on Secureware. IEEE Computer Society Press. 2008.
- 3) H. Narang and C. H. Chen, Education in Software Security, Proceedings, International Conference on Security and Management (SAM07), June 2007.
- 4) H. Narang, and C. H. Chen, Auditing Software Security Vulnerabilities, ACM SE Conference, Mar. 2006.

- 5) H. Narang, M. Ali, and C.H. Chen, Developing an Information Assurance Track in Computer Science Curricula, Proceedings, The symposium on Computing at Minority Institutions (ADMI05), Oct. 2005.
- 6) H. Narang and C. H. Chen, Software Security, A Survey, Proceedings, The symposium on Computing at Minority Institutions (ADMI05), Oct. 2005
- 7) Wavelet based Solution to Time-Dependent Two Point Initial Boundary Value Problems with Non-Periodic Boundary Conditions involving Composite Media, WSEAS International Conference proceedings, Las Vegas, Nevada 2004
- 8) Wavelet based Solution to Time-Dependent Two Point Initial Boundary Value Problems with Non-Periodic Boundary Conditions involving High Intensity Heat and Mass Transfer in Capillary Porous Bodies, IATED International Conference proceedings, Gainesville, FL 2004.
- 9) Wavelet-Based Solution to Some Time-Dependent Two-Point Initial Boundary Value Problems with Non-Linear Non-Periodic Boundary Conditions, International Conference on Scientific computation and differential equations, SCICADE 2003, Trondheim, Norway, Jun. 30-Jul.4, 2003
- 10) Wavelet-Based Solution to Elliptic Two-Point Boundary Value Problems with Non-Periodic Boundary Conditions, Proceedings from the WSEAS international conference in Signal, Speech, and Image processing Sept 25-28, 2002
- 11) Wavelet-based Solution of Boundary Value Problems involving Hyperbolic Equations, Proceedings from the IASTED International Conference Signal Processing, Pattern Recognition & Applications June 25-26, 2002

FUNDED PROPOSALS

1. NSF: ACE HBCU-UP, \$500,000, Team leader for Computer Science, 2009-2014
2. NSA, "Establishment of Information Assurance Track in Computer Science", PI, \$215,000/yr, 2008-2009
3. NSA, "Establishment of Information Assurance Track in Computer Science", PI, \$179,000/yr, 2007-2008
4. Raytheon, "Minority Pipeline Initiative", PI, \$399,000, 2006-2011.
5. Xerox, "Summer Program, PREFICS" PI, \$35,000/yr 2009-2010
6. Xerox, "Summer Program, PREFICS" PI, \$35,000/yr 2008-2009
7. Xerox, "Summer Program, PREFICS" PI, \$35,000/yr 2007-2008
8. NSF, "CISE—VLSI Testing", PI, \$169,000/yr 2007-2008
9. Raytheon, "Summer Recruitment And Scholarships", PI, \$15,000/yr 2007-2008
10. Xerox, "Summer Program, PREFICS" PI, \$35,000/yr 2006-2007
11. Xerox, "Summer Program, PREFICS" PI, \$35,000/yr 2005-2006
12. HP, "PREFICS summer program, scholarships", PI, \$100,000/yr 2005-2007
13. NSF, "Establishment of Infrastructure for Information Security Education and Research at Tuskegee University" PI, \$37,985, 2003
14. NSF, "CSEMS: Scholarships for retaining and attracting high ability students in Computer Science and Engineering" PI, \$200,000, 2002
15. NSF, "CSEMS: Scholarships for retaining and attracting high ability students in Computer Science and Engineering" PI, \$220,000, 2000
16. NSF, "Establishment of Infrastructure for High Performance Computing Program for Teaching and Research at Tuskegee University" PI, \$1,200,000, 1996
17. NSF, "Established the NSFNET Connections at Tuskegee University" PI, \$35,518, 1991
18. NSF, "Planning Grant Proposal for setting up a Center for Parallel Processing at Tuskegee University" PI, \$50,000, 1989

PRATHIMA AGRAWAL**Office:**

Wireless Engineering Research and Education Center
Electrical and Computer Engineering Department
200 Broun Hall (Room #208)
Auburn University
Auburn, AL 36849-5201
Phone: (334) 844-8208
Fax: (334) 844-1809
email: agrawpr@auburn.edu
URL: www.eng.auburn.edu/~pagrawal

Home:**RESEARCH INTERESTS**

- Mobile and wireless network architecture
- Design and analysis of wireless communication systems
- Design and test of VLSI systems
- Special purpose architectures for VLSI CAD

RELEVANT EXPERTISE

Two decades of experience in Mobile and wireless network architecture and design. Lead a team of about 20 researchers in creating state-of-the-art networks in AT&T Bell Laboratories (Murray Hill, NJ) and Bellcore/Telcordia (Morristown, NJ). The Seamless Wireless ATM Network (SWAN) system conceived in 1994 at Bell Laboratories under her leadership is one of the first broadband high speed wireless networks for carrying multimedia traffic such as voice, full motion video and data. The ideas in this project were used in many high speed Wireless Local area Network (WLAN) products offered by AT&T/Lucent. The Internet Technologies Suitable for Mobile Operations (ITSUMO) platform developed at Telcordia Technologies with Toshiba Corporation partnership was developed under her leadership. ITSUMO based network of workstations productized by Toshiba provide multimedia wireless networking for real-time voice, video and data conferencing applications. The ITSUMO project was also used as a research tool for developing several new wireless communication protocols and for the design of wireless networks.

At Auburn University Wireless Research and Education Center (WEREC), lead by Dr. Agrawal since 2004, students and faculty are researching and developing next generation wireless networks, communication protocols and applications. This research influences tomorrow's broadband wireless networking that are cost effective, pervasive, energy efficient and high performance. Auburn is the First in the Nation for developing the Bachelor of Wireless Engineering (BWE) degree program that educates wireless engineers trained in the design, deployment and maintenance of broadband wireless networks. Such networks are replacing costlier wired networks world-wide.

Dr. Agrawal's outreach activities at Auburn deal with providing wireless broadband communication to schools and libraries in the Black Belt region of rural Alabama. She recently designed and executed pilot projects that deal not only with the installation of high speed wireless networks in the premises but also education and training of relevant personnel in the expansion, maintenance and troubleshooting of the installed infrastructure.

EDUCATION

Ph.D. Electrical and Computer Engineering, 1977, University of Southern California, Los Angeles, CA

M.S. Electrical Engineering, 1968, University of Rochester, Rochester, NY

M.E. Electrical Communication Engineering, 1967, Indian Institute of Science, Bangalore, India

B.E. Electrical Communication Engineering, 1964, Indian Institute of Science, Bangalore, India

EXPERIENCE

Auburn University, Auburn, AL

December 2003 - Present, Sam Ginn Distinguished Professor and Director, Wireless Engineering Research and Education Center (WEREC), Electrical and Computer Engineering Department.

August 2007 - Present, Site Director, NSF IUCRC Wireless Internet Center for Advanced Technology (WICAT), Electrical and Computer Engineering Department.

Telcordia Technologies (formerly Bellcore), Morristown, NJ

January 2000 - December 2003, Executive Director, Computer Networking Research Department and Assistant Vice President, Internet Architecture Research Laboratory.

July 1998 - December 1999, Chief Scientist and Assistant Vice President, Internet Architecture Research Laboratory.

Rutgers University, New Brunswick, NJ

1997 - 2003, Visiting Professor, Electrical and Computer Engineering.

AT&T Labs, Whippany, NJ

1997 - 1998, Head, Networked Computing Technology Department, Advanced Communications Laboratory.

AT&T/Lucent Bell Laboratories, Murray Hill, NJ

1992 - 1996, Head, Networked Computing Research Department.

AT&T Bell Laboratories, Murray Hill, NJ

1984 - 1991, Distinguished Member of Technical Staff, Computing Systems Research Laboratory.

Bell Telephone Laboratories, Murray Hill, NJ

1982 - 1984, Supervisor, VLSI Design Methodology Group, Microprocessor Development Laboratory.

1978 - 1982, Member of Technical Staff, Microprocessor Development Laboratory.

California State University, Northridge, CA

1977 - 1978, Assistant Professor, Department of Electrical Engineering and Computer Science.

University of Southern California, Los Angeles, CA

1974 - 1977, Research Assistant, Department of Electrical and Computer Engineering.

Indian Institute of Technology, New Delhi, India

1973 - 1974, Visiting Research Scientist, Computer Science Department.

Automation Technology, Inc., Champaign, IL

1970 - 1971, Research Engineer.

University of Illinois, Urbana, IL

1969 - 1970, Research Programmer, Computer Science Department.

University of Rochester, Rochester, NY

1967 - 1968, Teaching Assistant, Department of Electrical Engineering.

Indian Institute of Science, Bangalore, India

1964 - 1965, Teaching Assistant, Department of Electrical Communication Engineering.

AWARDS AND HONORS

1. Distinguished Alumnus Award, Indian Institute of Science, Bangalore, India, 2008.
2. ESTC (Executive Science and Technology Council) Publication Prize for paper in IEEE JSAC, SAIC, 2001.
3. CEO Award, ITSUMO Project, Telcordia Technologies, 2000.
4. IEEE Third Millennium Medal, 2000.
5. MARS Exhibit in Bell Labs Innovations Timeline Display, Murray Hill Lobby and website: <http://www.lucent.com/minds/discoveries/tline80b.html>.
6. Patent Incentive Award, AT&T, September, 1997.
7. Patent Incentive Award, Business Communications Services Business Unit, AT&T, October, 1995.
8. Patent Incentive Award, Consumer Communications Services Business Unit, AT&T, October, 1995.
9. CAE Product of the Year Award, MARS Accelerator Product, AT&T Design Automation, AT&T Microelectronics Business Unit, October 1994.
10. Spot Award, AT&T Microelectronics Business Unit, December 1994.
11. Honorable Mention for the paper, "A New method for generating test; for delay faults in non-scan circuits," 5th International Conference on VLSI Design, India, January 1992.
12. Distinguished Service Award, IEEE Computer Society, June 1990.
13. Distinguished Speaker Award, Stanford University, 1989.
14. Fellow Award, IEEE (Institute of Electrical and Electronic Engineers), Citation: "For contributions to computer-aided design and testing of integrated circuits," 1989.
15. Nominated for Best Paper Award, "CONTEST: A Concurrent Test Generator for Sequential Circuits," Proc. ACM/IEEE Design Automation Conference, Anaheim, CA, (with V. D. Agrawal and K. T. Cheng), 1988.
16. Best Paper Award, AT&T Bell Laboratories Conference on Electronic Testing, "Use of a Concurrent Fault Simulator for Test Vector Generation," (with V. D. Agrawal and K. T. Cheng), 1987.
17. Exceptional Contribution Award, AT&T Bell Laboratories, 1985 and 1987.
18. Distinguished Technical Staff Award, AT&T Bell Laboratories, Cited for 'Contributions to Computer-Aided Design and Testing of Microprocessors and Fault-Tolerant Computing', September 1985.
19. Nominated for Best Paper Award, "LSI Product Quality and Fault Coverage," Proc. 18th ACM/IEEE Design Automation Conference, Nashville, TN, (with-V. D. Agrawal and S. C. Seth), 1981.
20. Government of India Scholarship, 1965-1967.
21. M. C. Ghia Trust Scholarship, 1961-1964.

PATENTS

1. U.S. Patent 7,480,272, granted January 20, 2009, "**Soft handoff in IP-based CDMA networks by IP encapsulation**", Baba, Shinichi; Maeda, Tadahiko; Zhang, Tao; Agrawal, Prathima

2. U.S. Patent 7,349,378, awarded March 25, 2008, “**Local area network resource manager**”, Elaoud, Moncef; Ghosh, Abhrajit; Vaidyanathan, Ravichander; Agrawal, Prathima; Kodama, Toshikazu; Katsube, Yasuhiro.
3. U.S. Patent 7,139,285, awarded November 21, 2006, “**Frequency hop collision prediction in a multi-channel, bluetooth-enabled packet transmission system**”, Agrawal, Prathima; Famolari, David.
4. U.S. Patent 7,103,360, awarded September 5, 2006, “**Switching telephone calls between wireline and cellular telephones**”, Agrawal, Prathima; Ramanathan, Parameswaran.
5. U.S. Patent 7,072,340, awarded July 4, 2006, “**Dynamic assignment and validation of IP addresses in wireless IP networks**”, Agrawal, Prathima; Chen, Jyh-Cheng; Zhang, Tao.
6. U.S. Patent 7,035,929, awarded April 25, 2006, “**Method for dynamically allocating IP addresses for time sensitive hosts based on priorities and guard bands**”, Agrawal, Prathima; Famolari, David; Zhang, Tao.
7. U.S. Patent 7,035,236, awarded April 25, 2006, “**Network-layer and link-layer use of shadow addresses with IP-based base stations**”, Agrawal, Prathima; Chen, Jyh-Cheng; Zhang, Tao.
8. U.S. Patent 7,031,278, awarded April 18, 2006, “**Network-layer and link-layer use of shadow addresses in soft handoff within subnets**”, Agrawal, Prathima; Chen, Jyh-Cheng; Zhang, Tao.
9. U.S. Patent 7,016,396, awarded March 21, 2006, “**Unitary bluetooth-enabled terminal having multiple radio interfaces**”, Agrawal, Prathima; Famolari, David.
10. U.S. Patent 7,016,324, awarded March 21, 2006, “**System and method for dynamically allocating IP addresses for shared wireless and wireline networks based on priorities and guard bands**”, Agrawal, Prathima; Famolari, David; Zhang, Tao.
11. U.S. Patent 7,002,936, awarded February 21, 2006, “**Distributed soft handoff among IP-based base stations**”, Agrawal, Prathima; Chen, Jyh-Cheng; Zhang, Tao.
12. U.S. Patent 6,999,434, awarded February 14, 2006, “**Method, system and circuitry for soft handoff in internet protocol-based code division multiple access networks**”, Agrawal, Prathima; Baba, Shinichi; Maeda, Tadahiko; Zhang, Tao.
13. U.S. Patent 6,992,995, awarded January 31, 2006, “**Telecommunication enhanced mobile IP architecture for intra-domain mobility**”, Agrawal, Prathima; Das, Subir; Das, Sajal; Misra, Archan.
14. U.S. Patent 6,992,994, awarded January 31, 2006, “**Methods and systems for a generalized mobility solution using a dynamic tunneling agent**”, Das, Subir; Misra, Archan; Mcauley, Anthony; Dutta, Ashutosh; Agrawal, Prathima; Das, Sajal.
15. U.S. Patent 6,965,584, awarded November 15, 2005, “**Dynamic forward assignment of internet protocol addresses in wireless networks**”, Agrawal, Prathima; Kodama, Toshikazu; Vakil, Faramak; Zhang, Tao.
16. U.S. Patent 6,795,709, awarded September 21, 2004, “**Method and apparatus for dynamic IP address allocation for wireless cells**”, Agrawal, Prathima; Famolari, David; Zhang, Tao.
17. U.S. Patent 6,788,660, awarded September 7, 2004, “**Adaptive mobile signaling for wireless internet telephony**”, Agrawal, Prathima; Chen, Jyh-Cheng.
18. U.S. Patent 6,775,253, awarded August 10, 2004, “**Adaptive signaling for wireless packet telephony**”, Agrawal, Prathima; Chen, Jyh-Cheng.
19. U.S. Patent 6,721,331, awarded April 13, 2004, “**Method and apparatus for decentralized prioritized scheduling in a CSMA/CA wireless system**”, Agrawal, Prathima; Ramanathan, Parameswaran; Sreenan, Cormac John.
20. U.S. Patent 6,628,943, awarded September 30, 2003, “**Mobility management utilizing active address propagation**”, Agrawal, Prathima; Chen, Jyh-Cheng.

21. U.S. Patent 6,606,661, awarded August 12, 2003, "**Method for dynamic connection closing time selection**", Agrawal, Prathima; Elaoud, Moncef; Ramanathan, Parameswaran; Sreenan, Cormac John.
22. U.S. Patent 6,570,926, awarded May 27, 2003, "**Active techniques for video transmission and playback**", Agrawal, Prathima; Chen, Jyh-Cheng.
23. U.S. Patent 6,490,259, awarded December 3, 2002, "**Active link layer and intra-domain mobility for IP networks**", Agrawal, Prathima; Chen, Jyh-Cheng.
24. U.S. Patent 6,480,537, awarded November 12, 2002, "**Active techniques for video transmission and playback**", Agrawal, Prathima; Chen, Jyh-Cheng; Famolari, David.
25. U.S. Patent 6,434,191, awarded August 13, 2002, "**Adaptive layered coding for voice over wireless IP applications**", Agrawal, Prathima; Chen, Jyh-Cheng; Ramanathan, Parameswaran.
26. U.S. Patent 6,320,847, awarded November 20, 2001, "**Method and apparatus for reduction of call setup time using anticipation technique for multimedia applications in widely distributed networks**", Agrawal, Dharma P.; Agrawal, Prathima; Rudrapatna, Ashok N.
27. U.S. Patent 6,216,005, awarded April 10, 2001, "**Cellular-fixed call completion and call transfer service from a cellular network provider**", Agrawal, Prathima; Ramanathan, Parameswaran.
28. U.S. Patent 6,208,864, awarded March 27, 2001, "**Establishing calls and processing on-going calls in fixes and cellular networks**", Agrawal, Prathima; Ramanathan, Parameswaran.
29. U.S. Patent 6,188,905, awarded February 13, 2001, "**Intelligent dynamic channel allocation scheme for a mobile communications network**", Rudrapatna, Ashok N.; Agrawal, Dharma P.; Agrawal, Prathima.
30. U.S. Patent 6,108,316, awarded August 22, 2000, "**Adaptive scheduling priorities based on battery power level in wireless access protocols**", Agrawal, Prathima; Sivalingam, Krishna M.; Srivastava, Mani Bhushan.
31. U.S. Patent 6,075,777, awarded June 13, 2000, "**Network flow framework for online dynamic channel allocation**", Agrawal, Prathima; Narendran, Balakrishnan; Shivakumar, Narayanan.
32. U.S. Patent 6,072,990, awarded June 6, 2000, "**Transmitter-receiver pair for wireless network power-code operating point is determined based on error rate**", Agrawal, Prathima; Narendran, Balakrishnan; Sienicki, James Paul; Yajnik, Shalini.
33. U.S. Patent 6,072,809, awarded June 6, 2000, "**Statistical method for dynamically controlling the playback delay of network multimedia streams**", Agrawal, Prathima; Narendran, Balakrishnan; Sreenan, Cormac.
34. U.S. Patent 6,072,784, awarded June 6, 2000, "**CDMA mobile station wireless transmission power management with adaptive scheduling priorities based on battery power level**", Agrawal, Prathima; Chen, Jyh-Cheng; Kishore, Shaline; Sivalingam, Krishna M.
35. U.S. Patent 6,052,598, awarded April 18, 2000, "**Method for predicting the location of a mobile station in a mobile communications network**", Rudrapatna, Ashok N.; Agrawal, Dharma P.; Agrawal, Prathima.
36. U.S. Patent 5,991,629, awarded November 23, 1999, "**Cellular networks with spare base and satellite stations**", Agrawal, Prathima; Rudrapatna, Ashok N.
37. U.S. Patent 5,974,327, awarded October 26, 1999, "**Adaptive frequency channel assignment based on battery power level in wireless access protocols**", Agrawal, Prathima; Kishore, Shaline; Sivalingam, Krishna M.
38. U.S. Patent 5,950,134, awarded September 7, 1999, "**Method and apparatus for spatial redundancy in cellular networks**", Agrawal, Dharma P.; Agrawal, Prathima.

39. U.S. Patent 5,889,816, awarded March 30, 1999, “**Wireless adapter architecture for mobile computing**”, Agrawal, Prathima; Cravatts, Mark Robert; Trotter, John Andrew; Srivastava, Mani Bhushan.
40. U.S. Patent 5,774,461, awarded June 30, 1998, “**Medium access control and air interface subsystem for an indoor wireless ATM network**”, Hyden, Eoin; Srivastava, Mani Bhushan; Trotter, John Andrew; Agrawal, Prathima; Krzyzanowski, Paul.
41. U.S. Patent 5,768,500, awarded June 16, 1998, “**Interrupt-based hardware support for profiling memory system performance**”, Agrawal, Prathima; Goldberg, Aaron Jay; Trotter, John Andrew.
42. U.S. Patent 5,722,051, awarded February 24, 1998, “**Adaptive power control and coding scheme for mobile radio systems**”, Agrawal, Prathima; Narendran, Balakrishnan; Sienicki, James Paul; Yajnik, Shalini.
43. U.S. Patent 5,623,483, awarded April 22, 1997, “**Synchronization system for networked multimedia streams**”, Agrawal, Prathima; Narendran, Balakrishnan; Shivakumar, Narayanan; Sreenan, Cormac J.
44. U.S. Patent 5,530,912, awarded June 25, 1996, “**Traffic driven channel reservation system for handovers in cellular networks**”, Agrawal, Prathima; Anvekar, Dinesh K.; Narendran, Balakrishnan.
45. U.S. Patent 5,513,339, awarded April 30, 1996, “**Concurrent fault simulation of circuits with both logic elements and functional circuits**”, Agrawal, Prathima; Bose, Soumitra.
46. U.S. Patent 5,465,389, awarded November 7, 1995, “**Method of prioritizing handoff procedures in a cellular system**”, Agrawal, Prathima; Anvekar, Dinesh K.; Narendran, Balakrishnan.
47. U.S. Patent 5,392,429, awarded February 21, 1995, “**Method of operating a multiprocessor computer to solve a set of simultaneous equations**”, Agrawal, Prathima; Telichevesky, Ricardo; Trotter, John A.
48. U.S. Patent 5,257,268, awarded October 26, 1993, “**Cost-function directed search method for generating tests for sequential logic circuits**”, Agrawal, Prathima; Agrawal, Vishwani D.; Cheng, Kwang T.
49. U.S. Patent 5,093,920, awarded March 3, 1992, “**Programmable processing elements interconnected by a communication network including field operation unit for performing field operations**”, Agrawal, Prathima; Dally, William J.; Krishnakumar, Anjur S.
50. U.S. Patent 5,091,872, awarded February 25, 1992, “**Apparatus and method for performing spike analysis in a logic simulator**”, Agrawal, Prathima.

PROFESSIONAL SOCIETY MEMBERSHIPS

1. **Member**, Eta Kappa NU, 2005-present.
2. **Fellow**, IEEE (Institute of Electrical and Electronic Engineers), 1989-present.
3. **Fellow**, IETE (Institution of Electronics and Telecommunication Engineers), India, 1986-present.
4. **Member**, ACM (American Computing Machinery), 1997-present.

PROFESSIONAL SOCIETY ACTIVITIES

1. **Chair**, *IEEE Fellow Selection Committee*, 1998-1999.
2. **Vice Chair**, *IEEE Fellow Selection Committee*, 1996-1997.
3. **Member**, *IEEE Fellow Selection Committee*, 1992-1999.
4. **Associate Editor**, *IEEE Transactions on Mobile Computing*, 2002-2005.

5. **Panel Chair**, ACM Conference on Mobile Computing (MobiCom), 2004.
6. **Member**, IEEE Sensor and Ad Hoc Communications and Networks Conference, (SECON), 2004.
7. **Member**, IEEE International Conference on Distributed Computing in Sensor Systems, 2005.
8. **Member**, IEEE International Conference on Pervasive Services (ICPS), 2005.
9. **Member**, Editorial Board, *IEEE Transactions on Knowledge and Data Engineering*, 1997-1999.
10. **Member**, Technical Program Committee, IEEE INFOCOM, 1997, 2008.
11. **Member**, Technical Program Committee, ACM/IEEE Mobicom, 1997-1998, 2000-2002.
12. **Chair**, Steering Committee, IEEE International Conference on Personal Wireless Communications, 1996-1998.
13. **Member**, Technical Program Committee, 8th IEEE Symposium on Parallel and Distributed Processing, 1996.
14. **Member**, Editorial Board, *International Journal of Wireless Personal Communications*, (Kluwer), 1994-1996.
15. **Member**, Editorial Board, *Journal of Parallel and Distributed Computing*, (Academic Press), 1993-1997.
16. **Member**, Technical Program Committee, European Design Automation Conference, 1993-1995.
17. **Member**, Technical Program Committee, International Symposium on High Performance Distributed Computing, 1993.
18. **Member**, Technical Program Committee, International Conference on VLSI Design, 1992-1994.
19. **Member**, Program Committee, International Conference on Application Specific Array Processors (ASAP), 1990 and 1991.
20. **Co-organizer**, International Workshop on CAD Accelerators, Oxford, UK, 1987, 1989.
21. **General Chairperson**, IEEE International Conference on Computer Design: VLSI in Processors and Computers, 1988.
22. **Technical Program Committee Chairperson**, IEEE International Conference on Computer Design: VLSI in Processors and Computers, 1987.
23. **Member**, Technical Program Committee, IEEE International Conference on Computer-Aided Design, 1987.
24. **Member**, *IEEE ICCAD/ICCD Coordination Committee*, 1987.
25. **Member**, Technical Program Committee, ACM/IEEE Design Automation Conference, 1983-1986.
26. **Chairperson**, Architecture Subcommittee, IEEE International Conference on Computer Design: VLSI in Processors and Computers, 1986.
27. **Vice-Chairperson**, Computer-Aided Design Subcommittee, IEEE International Conference on Computer Design: VLSI in Processors and Computers, 1985.
28. **Referee** for NSF grants and numerous journals and conference proceedings.

EDITED BOOKS AND JOURNALS

1. Wireless Communications, University of Minnesota IMA (Institute of Mathematical Applications) Volumes in Mathematics and Its Applications, Springer, New York, NY, 2007, Ed. (with D. M. Andrews, P. J. Fleming, G. Yin and L. Zhang).
2. Guest Co-editor, IEEE Communications Magazine, Special Issue on Scaling the Mobile Internet, June 2006, (with S. Mohan and J. Waclawsky).

3. Guest Co-editor, IEEE Journal on Selected Areas in Communications, Special Issue on All-IP Wireless Networks, May 2004, (with J. C. Chen and T. Zhang).
4. Guest Co-editor, IEEE Communications Magazine, Special Issue on Multicast/Broadcast Services in 3G/4G Networks, February 2004, (with M. C. Chuah and J. Zhander).
5. Guest Co-editor, IEEE Wireless Communications Magazine, Special Issue on Mobile and Wireless Internet, Vol. 9. No. 3, June 2002, (with C. G. Omidyar and A. Wolisz).
6. Challenges for Mobile Voice-over-IP, Lecture Notes in Computer Science, Vol. 1818: Mobile and Wireless Communications Networks, (Ed: C. G. Omidyar), Springer, pp. 58-69, May 2000, (with J. C. Chen and C. J. Sreenan).
7. Guest Editor, International Journal of Wireless Personal Communications, Special Issue on Mobile and Wireless Computing, Kluwer, Vol. 4, No. 2, March 1997.
8. CAD Accelerators, Amsterdam: North Holland, 1990, Ed. (with A. P. Ambler and W. Moore).
9. Hardware Accelerators for Electrical CAD, Bristol, UK, Adam Hilger, 1988, Ed. (with A. P. Ambler and W. Moore).
10. Guest Editor, IEEE Design & Test of Computers, Special Issue on the 1985 ACM/IEEE Design Automation Conference, February 1986.

ASSIGNMENTS FROM GOVERNMENTS

1. **Member**, Quality Review Committee, *University College Cork, Ireland*. Evaluation of the quality of research and teaching within the University and make a recommendation to the Quality Promotion Committee of the University. (March 2002).
2. **Member**, Visiting Committee of US Experts invited by the *Ministry of Science and Technology, Government of Portugal*. The assignment included evaluation of the Research units associated with several Portuguese universities in the areas of Telecommunications, Electrical Engineering, Computer Engineering, and Computer Science. (September - October 1996 and November 1999).
3. Invited by *Government of India* as part of the *UNDP's (United Nations Development Program) TOKTEN (Transfer of Knowledge Through Expatriate Nationals)* program. The assignment included lectures and discussions with R&D personnel at the Government owned Indian Telephone Industries, Bangalore, India. (September 1988).

CURRENT PhD STUDENTS

1. Yogesh R. Kondareddy
2. Santosh Kulkarni
3. Pratap S. Prasad

CURRENT MS STUDENT

Nirmal Andrews

GRADUATED DOCTORAL STUDENT

Santosh Pandey, Ph.D. Dissertation, *Secure Localization and Node Placement Strategies for Wireless Networks*, Auburn University, May 2007, (presently employed with Cisco Systems, San Jose, CA).

GRADUATED MS STUDENTS

1. Ravi Chandra Paruchuri, M.S. Thesis, *Performance Analysis of 802.11b Networks*, Auburn University, January 2006 (presently with Motorola, Austin, TX).
2. Sowmia Devi Mylapore Krishna Baba, M.S. Thesis, *Interface Selection in Multi-interface*

- Mobile Devices*, Auburn University, May 2006 (presently with Juniper Networks, Bangalore, India).
3. Pratap S. Prasad, M.S. Thesis, *Energy Efficiency in Wireless Sensor Networks*, Auburn University, December 2006, (presently pursuing Ph.D. at Auburn).
 4. Priyanka Sinha, M.S. Thesis, *Auto-configuration in Multi-hop Mobile Ad Hoc Networks*, Auburn University, March 2007, (presently with Redback Networks (Ericsson), San Jose, CA).
 5. Shaoqiang Dong, M.S. Thesis, *Node Placement, Routing and Localization Algorithms for Heterogeneous Sensor Networks*, Auburn University, January 2008, (presently with Lexmark, Lexington, KY).
 6. Yogesh R. Kondareddy, M.S. Thesis, *Medium Access Control and Routing Protocols for Multi-hop Cognitive Radio Networks*, Auburn University, April 2008, (presently pursuing Ph.D. at Auburn).
 7. Srivatsan Soundararajan, M.S. Thesis, *Scheduling in WiMAX Based Wireless Networks*, Auburn University, September 2008, (presently with Intel Corporation, Santa Clara, CA).
 8. Harish Kongara, M.S. Thesis, *Performance Optimization of Wireless Mesh Networks*, Auburn University, March 2009, (presently with Telis Communications, Inc., Chicago, IL).

DISSERTATION COMMITTEE (Memberships while at Bell Labs and Telcordia)

1. V. Sarangan, “**Routing of dynamic service level agreements (SLAs) in DiffServ networks,**” Computer Science and Engineering Department, Pennsylvania State University, State College, PA, 2003.
2. C. Comaniciu, “**Integrated Access Control and Detection for Multimedia CDMA Systems,**” WINLAB, Electrical and Computer Engineering Department, Rutgers University, New Brunswick, NJ, 2001.
3. M. Elaoud, “**Adaptive resource allocation to enhance the quality of service in wireless networks,**” Electrical and Computer Engineering Department, University of Wisconsin, Madison, WI, 2000.
4. N. Prabhavalkar, “**The Design and Evaluation of Network Services in an active Network Architectural Framework,**” (M. S. Thesis), Electrical and Computer Engineering Department, Rutgers University, New Brunswick, NJ, 2000.
5. J.C. Chen, “**Design and analysis of channel access protocols for wireless ATM networks supporting multimedia traffic,**” Electrical and Computer Engineering Department, State University of New York, Buffalo, NY, 1998.
6. A. Sharma, “**Real-time systems support for multimedia applications,**” Electrical and Computer Engineering Department, Rutgers University, New Brunswick, NJ, 1998.
7. S. Kishore, “**Scheduling transmissions in a multirate CDMA system,**” (M.S. Thesis), WINLAB, Electrical and Computer Engineering Department, Rutgers University, New Brunswick, NJ, 1998.
8. S. Das, “**Observation and control of object interaction,**” Computer Science Department, Rutgers University, New Brunswick, NJ, 1997.
9. M. Suryanarayana, “**OMSOF: A change management paradigm,**” Electrical and Computer Engineering Department, Rutgers University, New Brunswick, NJ, 1997.
10. J.A. Cobb, “**Flow theory and the analysis of timed-flow protocols,**” Computer Science Department, University of Texas, Austin, TX, 1995.
11. J.P. Sienicki, “**Algorithms and models for distributed test generation,**” Electrical and Computer Engineering Department, Rutgers University, New Brunswick, NJ, 1995.
12. P.H. Kenyon, “**A software pipeline approach to distributed computing,**” Computer Science

Department, University of Nebraska, Lincoln, NE, 1995.

13. S. Venkatraman, **“Redundancy identification and parallel test generation using Boolean satisfiability,”** Computer Science Department, University of Nebraska. Lincoln, NE, 1993.

TUTORIALS PRESENTED

1. P. Agrawal and J. C. Chen, “Technologies for all-IP Wireless Networks from 3G to 4G”, *IEEE Globecom*, San Francisco, CA, November - December 2006.
2. P. Agrawal and J. C. Chen, “Mobile Wireless Internet Technologies”, *IEEE Globecom*, San Francisco, CA, December 2003.
3. P. Agrawal and J. C. Chen, “Mobile Wireless Internet Technologies”, *IEEE Globecom*, Taipei, Taiwan, November 2002.
4. P. Agrawal, P. Ramanathan and C. J. Sreenan, “Technologies for Wireless Packet Telephony”, *PIMRC*, London, UK, September 2000.
5. P. Agrawal, P. Ramanathan and K. M. Sivalingam, “Wireless Access Protocols for Mobile Multimedia Networks”, *PIMRC*, Cambridge, MA, September 1998.
6. P. Agrawal, “Mobile and Wireless Computing”, *16th Simposio de Brasileiro Redes Dt Computadores*, Rio de Janeiro, Brazil, May 1998.
7. P. Agrawal, K. M. Sivalingam and M. B. Srivastava, “Mobile Computing Systems”, *IEEE VLSI Design Conference*, Madras, India, January 1998.
8. P. Agrawal, “Mobile and Wireless Computing”, *IEEE/ACM Third International Conference on High Performance Computing*, Bangalore, India, December 1997.
9. P. Agrawal, K. M. Sivalingam and M. B. Srivastava, “Mobile Computing Systems”, *IEEE VLSI Design Conference*, Madras, India, January 1998.
10. P. Agrawal, “Mobile Computing Systems”, *IEEE/ACM Third International Conference on High Performance Computing*, Trivandrum, India, December 1996.
11. P. Agrawal, C. J. Sreenan and M. B. Srivastava, “Mobile Computing”, *Fifth IEEE International Symposium on High Performance Distributed Computing*, Syracuse, NY, August 1996.
12. P. Agrawal, “VLSI Computer-Aided Design Using Multiprocessing Systems”, *IEEE VLSI Design Conference*, New Delhi, India, 1991.

SEMINAR TALKS

Indian Institute of Technology, Kanpur (January 2003)
 National Tsing Hua University, Taiwan (November 2002)
 National Chiao Tung University, Taiwan (March 2002)
 University of Illinois, (September 1996, September 1990)
 Columbia University (June, 1996)
 Rice University (April 1996)
 University of Houston (April 1996)
 Indian Institute of Science (February 1996, June 1987, August 1983)
 NEC, Princeton (August 1992)
 Massachusetts Institute of Technology (April 1990, April 1988)
 Rutgers (July 2001, April 1999)
 Berkeley (April 1989)
 Princeton (March 1989)
 Stanford (April 1989)

Stevens Institute of Technology (May 1988)
 University of Massachusetts (April; 1988)
 Lehigh (March 1988)
 Digital Equipment Research Labs (April 1985)
 McGill (November 1983)
 Indian Institute of Technology, Madras (September 1983)
 Indian Institute of Technology, New Delhi (September 1983)
 University of Southern California (October 1980)

INVITED TALKS

1. “Mobile and Wireless Internet and ITSUMO,” **N. Rama Rao Distinguished Lecture Series**, Indian Institute of Technology, Kanpur, India, (January 10, 2003).
2. “Mobile Computing in Next Generation Wireless Networks,” **Third International Workshop on Discrete Algorithms and Methods for Mobile Computing and Communications**, Seattle, WA, (August 20, 1999).
3. “Mobile and Wireless ATM Networks,” **IEEE International Conference on Computer Communications and Networks**, Silver Springs, MD, (October 16, 1996).
4. “SWAN: Seamless Wireless ATM Network”, **Wireless ATM Networking Workshop - State of the Art and Beyond**, Columbia University, New York, NY, (June 14, 1996).
5. “SWAN: Seamless Wireless ATM Network,” **Workshop on Wireless Multi-Media Communications**, King's College, London, U.K., (February 1996).
6. “Emerging Technologies for Electronic Design and Test,” **Plenary Talk, International Conference on Computer Design: VLSI in Computers and Processors**, Cambridge MA, (October 1994).
7. “Parallel Processing and VLSI Simulation,” **European Simulation Multiconference**, York, U.K., (June 1992).
8. “Heavily Pipelined and Parallel Architectures for VLSI CAD,” **University of Illinois**, (Distinguished Lecturer Series, Coordinated Sciences Laboratory), Urbana, IL, (September 1990).
9. “Synergism of Architecture and Algorithms: The MARS VLSI System,” **Massachusetts Institute of Technology**, Sixth MIT Conference on Advanced Research in VLSI, Cambridge, MA, (April 1990).
10. “Prediction of Number of Remaining Errors in VLSI Designs,” **IEEE Computer Elements Workshop on VLSI Debug, Diagnosis, and Fabrication**, New York, NY, (May 17-18, 1984).

INVITED PANEL DISCUSSIONS

1. **Invited Panelist**, “Community/Municipal/Regional Networks,” **IEEE Globecom**, Washington, DC, November 26-30, 2007.
2. **Invited Panelist**, “How Difficult is QoS Provision with Mobility in WATM Networks?,” **Wireless ATM Networking Workshop - State of the Art and Beyond**, Columbia University, New York, NY, June 14, 1996.
3. **Invited Panelist**, “The Unaffordable in Pursuit of the Uncomputable,” **International Workshop on Hardware Accelerators**, Oxford, England, October 1987.
4. **Invited Panelist**, “Software Development Tools and Environment for CAD Engines,” **IFIP Workshop on CAD Engines**, Tokyo, Japan, June 1987.
5. **Moderator**, Panel on “Workstations,” **ACM/IEEE 23rd Design Automation Conference**, Las

Vegas, NV, June 21-26, 1985.

6. Participated in the “**Round Table** Discussion on Workstations for the IEEE Design & Test Magazine,” *ACM/IEEE 23rd Design Automation Conference*, Las Vegas, NV, June 21-26, 1985.

AUBURN UNIVERSITY COMMITTEES

1. 2008, **Member**, *Auburn University Presidential Task Force* on Undergraduate Honors Program.
2. 2008, **Member**, *Chair Selection Committee*, Electrical Engineering Department.
3. 2004- present, **Member**, *Graduate Admissions Committee*, ECE department, Auburn University
4. 2004, **Chair**, *Auburn University Bachelor of Wireless Engineering ABET Committee*.
5. 2004, **Chair**, *Wireless Engineering Stem*, ECE Department, Auburn University.

TELCORDIA TECHNOLOGIES (BELLCORE) and AT&T BELL LABORATORIES COMMITTEES

1. 2002, **Chair**, SAIC ESTC (Executive Science and Technology Council) Publication Prize Committee.
2. 1998-1999, **Member**, Promotion Committee, Telcordia Internet Architecture Research Laboratory (*appointed Chair of the 2000 committee*).
3. 1998, **Member**, Bellcore CEO Awards Selection Committee.
4. 1997-1998, **Member**, AT&T Labs Fellowship Committee.
5. 1995-1996, **Member**, Steering Committee, *Asian American Leadership Forum* AT&T/Lucent.
6. 1995-1996, **Angel**, Murray Hill, East Brunswick and Princeton Chapters, 4A - Asian American Association of AT&T/Lucent.
7. 1992 **Member**, AT&T Bell Labs Fellowship Program Committee.
8. 1989-1990, **Representative**, Vice-Presidential Research Area, *Upward Communications Group*, Chaired By Ian Ross, President, AT&T Bell Laboratories.
9. 1986, **Consultant**, in-house course development on *fault-tolerant computing*.
10. 1982-1983, **Member**, *Task Force on Devices for Digital Systems* representing the Processor Division in developing a viable company-wide methodology and design information exchange process among various design and CAD organizations. Co-author of the report compiled by the committee.
11. 1982-1983, **Member**, VLSI Education Task Force that developed a *VLSI design course* which is offered throughout the company.
12. 1981-1982, **Member**, Processor Division **Affirmative Action Committee**.

PUBLICATIONS - Refereed Periodicals and Magazines

1. S. Pandey, S. Dong, P. Agrawal and K. M. Sivalingam, “On performance of node placement approaches for hierarchical heterogeneous sensor networks,” in the journal of *ACM/Springer Mobile Networks and Applications* vol. 14, pp. 401-414, April 2009.
2. J. H. Yeh, J. C. Chen and P. Agrawal, “Fast intra-network and cross-layer handover (FINCH) for WIMAX and mobile internet,” *IEEE Transactions on Mobile Computing*, vol. 8, no. 4pp. 558-574, April 2009.
3. Qing Yang, Alvin Lim, and Prathima Agrawal, "GPSFR: GPS-Free Routing Protocol for Vehicular Networks with Directional Antennas," *International Journal of Wireless & Mobile Networks (IJWMN)*, Vol. 1, No. 2, November 2009.
4. Qing Yang, Alvin Lim, Shuang Li, Jian Fang, Prathima Agrawal. "ACAR: Adaptive Connectivity

- Aware Routing for Vehicular AdHocNetworks in City Scenario" *ACM/SpringerMobile Networks and Applications (MONET)* Special Issue on Advances and Applications in Vehicular Ad Hoc Networks. Accepted for publication
5. A. Asok, K. M. Sivalingam and P. Agrawal, "Mobility in Wireless Sensor Networks", in *Encyclopedia of Ad Hoc and Ubiquitous Computing*, (edited by Dharma Agrawal), World Scientific Press, Singapore, Expected: Late 2008.
 6. J. H. Yeh, J. C. Chen, T. Zhang and P. Agrawal, "IP Multimedia subsystem in 3GPP and 3GPP2: Overview and scalability issues," *IEEE Communications Magazine*, Vol. 46, Issue 1, January 2008, pp. 138-145.
 7. S. Pandey and P. Agrawal, "Survey of localization techniques in wireless networks," *Journal of the Chinese Institute of Engineers*, Vol. 29, No. 7, pp. 1125-1148, 2006.
 8. A.C. Pang, J. C. Chen, Y. K. Chen and P. Agrawal, "Mobility and session management: UMTS vs. cdma2000," *IEEE Wireless Communications Vol. 11*, issue 4, August 2004, pp. 30-43.
 9. A.C. Pang, Y.B. Lin, H. M. Tsai and P. Agrawal, "Serving radio network controller relocation for UMTS all-IP network," *IEEE Journal on Selected Areas in Communications (JSAC)*, Vol. 22, No. 4, May 2004, pp. 617-629.
 10. A. Dutta, P. Agrawal, S. Das, M. Elaoud, D. Famolari, S. Madhani, A. Mcauley, B. Kim, P. Li, M. Tauil, S. Baba, Y. Ohba, T. Kodama, N. Nakajima, J. C. Chen and H. Schulzrinne, "Realizing mobile wireless Internet telephony and streaming multimedia testbed," *Computer Communications (Elsevier)*, Vol. 27, pp. 725-738, 2004.
 11. C. Comaniciu, D. Famolari, N. Mandayam and P. Agrawal, "Wireless access to the World-Wide Web in an integrated CDMA system," *IEEE Transactions on Wireless Communications*, Vol. 2, No. 3, pp 472-483, May 2003.
 12. Y. B. Lin, H. Y. Cheng, Y. H. Cheng and P. Agrawal, "Implementing automatic location update for follow-me database using VoIP and Bluetooth technologies," *IEEE Transactions on Computers*, Vol. 51, No. 10, pp 1154-1168, October 2002.
 13. A Misra, S. Das and P. Agrawal, "Application-centric analysis of IP-based mobility management techniques," *Wireless Communication and Mobile computing (Wiley)*, Vol. 1, pp. 313-328, 2001.
 14. T. Zhang, E. van den Berg, J. Chennikara, P. Agrawal, J. C. Chen and T. Kodama, "Local predictive resource reservation for handoff in multimedia wireless IP networks," *IEEE Journal of Selected Areas in Communication (JSAC)*, Vol. 19, No. 10, pp. 1931-41, October 2001.
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81. P. Agrawal, D. K. Anvekar and B. Narendran, "Optimal Prioritization of Handovers in Mobile Cellular Networks," *Proc. IEEE International Symposium on Personal, Indoor, and Mobile Radio Communications (PIMRC'94)*, pp. 1393-1398, September 1994.
82. D. Anvekar, P. Agrawal and B. Narendran, "Minimizing Handover Failures Without Loss of Channel Utilization," *Proc. Globecom'94*, pp. 1679-1685, November 28 - December 2, 1994.
83. P. Agrawal, D. Anvekar, "A New Criterion for Processing Handover Requests in Wireless Networks," *Proc. IEEE International Conference on Personal Wireless Communications*, pp. 95-99, August 17-18, 1994.
84. P. Krzyzanowski, P. Agrawal and B. Narendran, "An Architecture for Deploying Wireless Services," *Proc. IEEE International Conference on Personal Wireless Communications*, pp. 194-198, August 17-18, 1994.
85. J. A. Cobb, M. G. Gouda and P. Agrawal, "Protocol Synchronization with Sparse Timestamps," *Proc. PSTV'94, 14th International Symposium on Protocol Specification, Testing and Verification*, pp. 161-176, June 7-10, 1994.
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87. S. Goil, S. Liu, P. Agrawal and J. Trotter, "Parallel Model Evaluation on the PACE Multiprocessor," *Proc. 7th International Conference on VLSI Design*, pp. 45-48, January 1994.
88. D. Bhattacharya and P. Agrawal, "Boolean Algebraic Test Generation Using A Distributed System," *Proc. ICCAD'93* Santa Clara, CA, pp. 440-443, November 1993.
89. S. Bose, P. Agrawal and V.D. Agrawal, "Generation of Compact Delay Tests by Multiple Path Activation," *Proc. ITC'93 IEEE International Test Conference*, Baltimore, MD, pp. 714-723, October 1993.
90. S. Bose, P. Agrawal and V. D. Agrawal, "Logic Systems for Path Delay Test Generation," *Proc. European Design Automation Conference*, Hamburg, Germany, pp. 200-205, September 1993.
91. V. D. Agrawal, P. Agrawal and J. Villoldo, "Sequential Circuit Test Generation on a Network of Workstations," *Proc. International Symposium on High Performance Distributed Computing*, July 20-23, 1993, Spokane, WA.
92. P. Agrawal, V. D. Agrawal and J. Villoldo, "Sequential Circuit Test Generation on a Distributed System," *Proc. ACM/IEEE Design Automation Conference*, Dallas, TX, pp. 107-111, June 14-18, 1993.

93. P. Agrawal, S. Goil, S. Liu, J. A. Trotter, "PACE: A Multiprocessor System for VLSI Circuit Simulation," *Proc. SIAM Conference on Parallel Processing*, Norfolk, VA, pp. 573-581, March 22-24, 1993.
94. S. Bose, P. Agrawal and V. D Agrawal, "A Delay Fault Testability Evaluation Through Timing Simulation," *Proc. Great Lakes Symposium on VLSI*, pp. 18-21, March 5-6, 1993.
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96. S. Bose, P. Agrawal and V.D. Agrawal, "A Path Delay Fault Simulator for Sequential Circuits," *Proc. 6th International Conference on VLSI Design*, Bombay, India, pp. 269-274, January 3-6, 1993.
97. P. Agrawal, V. D. Agrawal and S. C. Seth, "DynaTAPP: Dynamic Timing Analysis With Partial Path Activation in Sequential Circuits," *Proc. European Design Automation Conference*, Hamburg, Germany, September 1992.
98. D. Bhattacharya, P. Agrawal and V. D. Agrawal, "Delay Fault Test Generation for Scan/hold Circuits using Boolean Expressions," *Proc ACM/IEEE Design Automation Conference*, Anaheim, CA, June 8-12, 1992.
99. W. Li, A. Lira, P. Agrawal and S. Sahni, "On the Circuit Implementation Problem," *Proc. ACM/IEEE Design Automation Conference*, Anaheim, CA, June 8-12, 1992.
100. S. Bose and P. Agrawal, "Concurrent Fault Simulation of Logic Gates and Memory Blocks on Message Passing Multicomputers," *Proc. ACM/IEEE Design Automation Conference*, June 8-12, 1992.
101. P. Agrawal, "Parallel Processing and VLSI Simulation," *Proc. European Simulation Multiconference*, York, U.K., June 1-3, 1992.
102. A. Ng, P. Agrawal and T. Chan, "Computing network flows on the MARS multicomputer," *DIMACS Implementation Challenge Workshop*, (Technical Report 92-4), pp. 72-83, D. S. Johnson and C. C. McGeoch (eds), January 1992.
103. P. Agrawal, V. D. Agrawal and S. C. Seth, "A New Method for Generating Tests for Delay Faults in Non-Scan Circuits," *Proc 5th IEEE International Conference on VLSI Design*. Bangalore, India, January 4-7, 1992.
104. P. Kenyon, S. C. Seth, A. Clematis, P. Agrawal, G. Doderio and V. Gianuzzi, "Programming Pipelined CAD Applications on Message Passing Architectures," *Proc. Parallel Computing: From Theory to Sound Practice*, W. Joosen and E. Milgram, Eds, IOS Press, pp. 550-553, 1992.
105. P. H. Kenyon, P. Agrawal and S. C. Seth, "A High-level Program Development Environment for MARS," *Proc. European Workshop on Parallel Computing (EWPC'92)*.
106. R. Telichevesky, P. Agrawal and J. Trotter, "A New $O(n \log n)$ Scheduling Heuristic for Parallel Decomposition of Sparse Matrices," *Proc. IEEE International Conference on Computer Design: VLSI in Processors and Computers*, Cambridge, MA, October 14-16, 1991.
107. P. Agrawal and J. Trotter, "A Multiprocessor Architecture for Circuit Simulation Algorithms," *Proc. IEEE International Conference on Computer Design: VLSI in Processors and Computers*, Cambridge, MA, October 14-16, 1991.
108. J. Villoldo, P. Agrawal and V. D. Agrawal, "STAFAN algorithms for MOS circuits," *Proc. IEEE International Conference on Computer Design: VLSI in Processors and Computers*, Cambridge, MA, October 14-16, 1991.
109. R. Telichevesky, P. Agrawal and J. Trotter, "Efficient Partitioning Schemes for Matrix Factorization on Multiprocessors," *Proc. IEEE International Conference on Applications Specific Array Processors*, Barcelona, Spain, September 2-4, 1991.

110. Sivaramakrishnan, S. C. Seth and P. Agrawal, "Parallel test pattern generation using boolean satisfiability," *Proc. 3rd International Symposium on VLSI Design*, New Delhi, India, pp. 69-74, January 1991.
111. P. H. Kenyon, P. Agrawal and S. C. Seth, "High-Level Microprogramming: An Optimizing Compiler for a Processing Element of a CAD Accelerator," *Proc. ACM/IEEE International Symposium on Microprogramming and Croarchitecture*, Orlando, FL, November 27-29, 1990.
112. J. Trotter and P. Agrawal, "Fast Overlapped Scattered Array Storage Schemes for Sparse Matrices," *Proc. IEEE International Conference on Computer-Aided Design*, Santa Clara, CA, November 1990.
113. P. Agrawal, J. Trotter, "Sparse Matrix Factorization Algorithms for a Distributed Memory Multiprocessor Architecture," *Proc. IEEE International Conference on Computer-Aided Design*, Santa Clara, CA, November 1990.
114. P. Agrawal, "Efficient Simulation of Digital Circuits," *Proc. European Itisimulation Conference, Eriangen-Nuremberg*, West Germany, June 11-14, 1990.
115. P. Agrawal, "Mixed Behavior-logic Simulation in a Hardware Accelerator," *Proc. IEEE Custom Integrated Circuits Conference*, Boston, MA, pp. 9.2.1-9.2.4, May 13-16, 1990.
116. P. Agrawal and V. D. Agrawal, "Can Logic Simulators Handle Bidirectionality and Charge Sharing?," *Proc. IEEE International Symposium on Circuits and Systems*, New Orleans, LA, May 1990.
117. P. Agrawal, C. Moturu, and R. Tutundjian, "Modeling and Simulation of Functional Memory Blocks in the MARS Accelerator," *CAD Accelerators*, Amsterdam, North-Holland, A. P. Ambler, P. Agrawal and W Moore (eds), 1991.
118. P. Agrawal, V. D. Agrawal, K. T. Cheng and R. Tutundjian, "Fault Simulation in A Pipelined Multiprocessor System," *Proc. IEEE International Test Conference*, Washington, D.C., pp. 727-734, August 29-31, 1989.
119. P. Agrawal, R. Tutundjian and W. Dally, "Algorithms for Accuracy Enhancement in a Hardware Logic Simulator," *Proc. ACM/IEEE Design Automation Conference*, Las Vegas, NV, pp 645-48, June 25-29, 1989.
120. S. C. Chatterjee and P. Agrawal, "Connected Speech Recognition on a Multiple Processor Pipeline," *Proc. IEEE International Conference on Acoustics Speech and Signal Processing*, Glasgow Scotland, pp. 774-777, May 23-26, 1989.
121. P. Agrawal, S. H. Robinson and T. G. Szymanski, "Automatic Modeling of Switch-Level Networks Using Partial Orders," *Proc. International Conference on Computer-Aided Design*, Santa Clara, CA, pp. 350-353, November 1988.
122. V. D. Agrawal, K. T. Cheng and P. Agrawal, "CONTEST: A Concurrent Test Generator for Sequential Circuits," *Proc. ACM/IEEE Design Automation Conference*, Anaheim, CA, pp. 84-89, June 12-15, 1988.
123. W. J. Dally , P. Agrawal and R. Tutundjian, "Logic Simulation Algorithms for Pipelined Hardware, Architecture" *Proc. International Workshop on Hardware Accelerators*, Oxford, England, Adam Hilgar (ed. workshop proceedings - A. P. Ambler, P. Agrawal and W. R. Moore) October 1988.
124. P. Agrawal and L. W. Noronha, "Modeling Circuits in the MARS Hardware Accelerator," *Proc. IEEE International Conference on Computer-Aided Design*, Santa Clara, CA, pp 492-95, November 9-12, 1987.
125. P. Agrawal, W. J. Dally, A. K. Ezzat, W. C. Fischer, H. V. Jagadish and A. S. Krishnakumar, "Architecture and Design of the MARS Hardware Accelerator," *Proc. 24th ACM/IEEE Design Automation Conference*, Miami Beach, FL, pp. 101-107, June 29 - July 1, 1987.

126. P. Agrawal and R. Agrawal, "Software Implementation of a Recursive Fault-Tolerance Algorithm on a Network of Computers," *Proc. International Symposium on Computer Architecture*, Tokyo, Japan, pp. 65-72, June 2-5, 1986.
127. P. Agrawal, "Hardware Accelerators," *Proc. First International Symposium on VLSI Design*, Madras, India, April 1986.
128. P. Agrawal, "Testing VLSI Chips," *Invited Paper, IEEE ElectroTechnology Review*, pp. 76-77, 1986.
129. P. Agrawal, "Circuit Partitioning For Hardware Simulation Engines," *Proc. International Conference on Computer-Aided Design*, Santa Clara, CA, pp. 161-63, November 1985.
130. P. Agrawal, "A Novel Fault-Tolerance Algorithm for Distributed Systems," *Proc. IEEE International Conference on Computer Design: VLSI in Processors and Computers*, Port Chester, NY, pp. 760-63, October 7-10, 1985.
131. P. Agrawal, "RAFT: A Recursive Algorithm for Fault-Tolerance," *Proc. International Conference on Parallel Processing*, St. Charles, IL, pp. 814-21, August 20-23, 1985.
132. M. K. Reddy, S. M. Reddy and P. Agrawal, "Transistor Level Test Generation for MOS Circuits," *Proc. 22nd ACM/IEEE Design Automation Conference*, Las Vegas, NV, pp. 825-28, June 23-26, 1985.
133. P. Agrawal, V. D. Agrawal and N. N. Biswas, "Multiple Output Minimization," *Proc. 22nd ACM/IEEE Design Automation Conference*, Las Vegas, NV, pp. 674-80, June 23-26, 1985.
134. P. Agrawal, S. M. Reddy, "Test Generation at MOS Level," *Proc. IEEE International Conference of Computers, Systems, and Signal Processing*, Bangalore, India, pp. 1116-19, December 10-12, 1984.
135. P. Agrawal, "Test Generation at Switch Level," *Proc. IEEE International Conference of Computer Aided Design*, Santa Clara, CA, pp. 128-30, November 12-15, 1984.
136. P. Agrawal, "A Model for Analyzing Errors in VLSI Designs," *Proc. IEEE International Conference on Computer Design: VLSI in Processors and Computers*, Port Chester, NY, pp. 714-19, October 8-11, 1984.
137. M. J. Meyer, P. Agrawal and R. G. Pfister, "A VLSI FSM Design System," *Proc. 21st ACM/IEEE Design Automation Conference*, Albuquerque, NM, pp. 434-40, June 25-27, 1984.
138. P. Agrawal, "Design Methodologies Applicable to Microprocessors," *Proc. IEEE International Conference on Computer Design: VLSI in Processors and Computers*, Port Chester, NY, pp. 491-94, October 31 - November 3, 1983.
139. V. D. Agrawal, S. C. Seth and P. Agrawal, "LSI Product Quality and Fault Coverage," *Proc. 18th ACM/IEEE Design Automation Conference*, Nashville, TN, pp. 196-203, June 29 - July 1, 1981.
140. P. Agrawal, M. A. Breuer, "Some Theoretical and Practical Aspects of Algorithmic Routing," *Proc. 14th ACM/IEEE Design Automation Conference*, New Orleans, LA, pp 23-31, June 20-22, 1977.
141. P. Agrawal, "Routing of Printed Circuits Cards: Density Analysis and Routing Algorithms," *USCEE Report 495, Electronic Sciences Lab*, University of Southern California, Los Angeles, CA, June 1977.
142. P. Agrawal, "On the Probability of Success in a Routing Process," *Proc. IEEE*, Vol. 64, pp. 1624-25, November 1976.
143. V. D. Agrawal and P. Agrawal, "On Improving the Efficiency of Monte Carlo Test Generation," *Digest of Papers: Fifth International Symposium on Fault Tolerant Computing*, Paris, pp. 205-09, June 1975.

144. P. Agrawal, "Fault Diagnosis Using D-Algorithm," *Symposium on Industrial Automation, Indian Institute of Science*, Bangalore, India, June 1974.
145. N. S. Nagaraja and P. Agrawal, "Low Frequency Self-Tuning Filter Using Analogue Computer Components," *Electronics Letters*, Vol. 3, No. 12, December 1967.
146. P. Agrawal, "Determination of Doppler Frequencies in a Doppler Navigation System Using Counting Techniques," *M. E. Thesis, Indian Institute of Science*, Bangalore, India, 1967.

C. LEARY BELL, Ph.D.

Office of University Outreach
Auburn University
213 Samford Hall
Auburn, AL 36830
learybell@auburn.edu
334-844-5701

PROFESSIONAL & ACADEMIC APPOINTMENTS

Director of Faculty Engagement & Program Development

Office of University Outreach

Auburn University

2009-

Responsibilities: University Outreach, Faculty Engagement in Outreach Scholarship, Outreach Program Development, Community Partnerships, Leadership Development

Major Accomplishments:

- Successfully attained AU membership to the National Outreach Scholarship Conference (NOSC), and elected to the NOSC Board of Directors
- Completed negotiation & implementation of a partnership between AU & Baptist Health Hospitals to develop and market SMART Training
- Appointed to the Tri-City River Visioning Taskforce
- Won \$58,000 Grant to implement enrichment technology and service learning projects in Loachapoka High School

Associate Chancellor

Office of Community Outreach

University of South Carolina Beaufort

2007-2008

Responsibilities: Strategic Initiatives, Special Projects, Osher Lifelong Learning Institute, Professional & Continuing Education, Sea Pines Partnership, Community Partnerships, Workforce & Economic Development

Major Accomplishments:

- \$1 Million grant from the Bernard Osher Foundation to sustain and strengthen the Osher Lifelong Learning Institute at USCB
- Initiated and guided the creation of the university's Emergency Action Plan
- Initiated and guided the development of the university's New Faculty/Staff Education Program
- Created and coordinated the university's new community lecture series, the "Coastal Life Series"
- Achieved leadership positions, Treasurer and Executive Committee Member, on the Board of Directors of the Lowcountry Economic Development Network
- Serve on the Board of Directors of Mainstreet Beaufort, the Greater Beaufort Chamber of Commerce, and the Lowcountry Regional Education Center

Vice President for External Affairs

Armstrong Atlantic State University

Executive Vice President

AASU Foundation & AASU Educational Properties Foundation, Inc.

2001 – 2006

Responsibilities: University Development, Foundations, Alumni Affairs, Credit Outreach, Off-Campus Centers, Community & Economic Development, Professional & Continuing Education, Leadership Initiatives

Major Accomplishments:

- Increased annual fund to more than \$1million, three times the previous level
- Created a structured, comprehensive annual fund campaign
- Increased total fundraising to five times the previous level
- Increased the total value of the AASU Foundation to almost \$7 million, more than double its previous value
- Initiated a network of location-themed alumni clubs
- Initiated workforce development partnerships with local businesses for the development of five University System of Ga. Intellectual Capital Partnership Program grants worth \$1.5 million
- Development of approximately \$50 million of academic and student housing facilities
- Created the *Leaders Among Us* Program, a leadership development program for faculty and staff
- Initiated planning for a capital campaign to conclude in 2011
- Created the Cyber Security Center, a consortium to bring high-tech training to the region
- Design and construction of the Armstrong Center, a 45,000 sq. ft. conference center

Executive Director of Regional Education Services

Director of the Elizabeth Bradley Turner Center for Professional & Continuing Education

Director of the Intellectual Capital Partnership Program

Columbus State University

1999 – 2001

Responsibilities: Professional & Continuing Education, Credit Outreach, Off-Campus Centers, Community & Economic Development, Law Enforcement Education & Training, ICAPP Projects

Major Accomplishments:

- Dramatically increased the profitability of the Turner Center
- Oversaw the creation of the Rankin Arts Center, a continuing education facility in downtown Columbus
- Created the American Language Program, an ESL program
- Created the Sales & Leadership Institute, a continuing education program focussed on the sales profession
- Created the Executive College, a leadership development program for faculty & staff
- Created Columbus State's second ICAPP project with AFLAC
- Created the MS Degree Program in Information Technology Management, a joint degree delivered by the Colleges of Science, Arts & Letters, & Business, and delivered to corporate sponsors on-site
- Chaired the Education & Workforce Development Committee and served on the Executive Committee of a state of Georgia Task Force to attract a computer chip manufacturer to the state, with a capital investment of \$3 billion

<p>C. Leary Bell, Ph.D. <i>Vita</i></p>
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Chair, Dept. of Computer Science

Professor of Computer Science

Director of the Intellectual Capital Partnership Program

Columbus State University

1996 – 1999

Responsibilities: Supervision & administration of departmental faculty & staff, curriculum development, student advising, budgets, and course scheduling, ICAPP projects

Major Accomplishments:

- Development of an online delivery system, *CSU Online*, to deliver the MS in Applied Computer Science over the Internet
- Design of the A.A.S. & B.S. Degree Programs in Computer Science
- Design of the B.S. & M.S. Degree Programs in Applied Computer Science
- Successful justification of the online delivery of the M.S. in Applied Computer Science before a SACS review
- Design, development, & implementation of the COMPASS Program as the prototype and first example of the University System of Ga.'s economic development vehicle, the Intellectual Capital Partnership Program, which made available more than \$23 million and eventually trained more than 1500 computer programmers for Total System Services, Inc.
- Authorship of a Joint Study Agreement with IBM which led to grants of more than \$6 million
- Creation of the Computer Science Department to a program with more than 600 student majors
- As a member of a three person design team, successful completion of the design of the Technology & Commerce Center, which houses the College of Business and the Department of Computer Science

Chair, Department of Mathematics

Professor of Mathematics

Columbus State University

1986 – 1995

Responsibilities: Supervision & administration of departmental faculty & staff, course scheduling, student advisement, curriculum development, and budget.

Major accomplishments:

- Primary authorship of the University System of Ga.'s Assessment Model for Mathematics Majors
- Primary authorship of the University's Job Description for Department Chairs
- Revision of the Mathematics Curriculum to MAA Guidelines
- Introduction of graphing calculators and computer software into the curriculum
- Introduction of weekend classes

EDUCATION

Ph. D. Mathematics; Auburn University, 1981

M. S. Mathematics; Auburn University, 1976

B. S. Mathematics Education; Georgia Southwestern State University, 1974 (Summa Cum Laude)

C. Leary Bell, Ph.D. <i>Vita</i>
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SERVICE

- **Valley, AL Visioning Taskforce,** 2009 – Present
- **Auburn Training Connection,** 2009 - Present
- **Lowcountry Economic Development Network, Board of Directors, Treasurer,** 2007 – 2009
- **MainStreet Beaufort, Board of Directors,** 2007 – 2009
- **Lowcountry Regional Education Center, Board of Directors,** 2007 - 2009
- **Coastal Business & Education Technology Alliance, Board of Directors,** 2001 – 2006
- **Georgia Department of Industry, Trade, & Tourism**
 - Region 8 Advisory Council, 1999 - 2001
 - Chair, Workforce Development Committee, 1999 – 2001
- **West Georgia School-to-Work, Board of Directors,** 1995 – 2001

HONORS –INDIVIDUAL and/or PROJECT

- **President's Citation, 2006**
Armstrong Atlantic State University
- **Most Valuable Player Award, Public/Private Real Estate Partnerships, 2005**
University System of Georgia
- **Chancellor's Award for Collaborative Excellence, 1997**
University System of Georgia
- **TERRIFIC Education Award for Higher Education, 1997**
Georgia Economic Developers' Association
- **Governor's Teaching Fellow, 1999 – 2000**
University System of Georgia
- **Faculty Service Award, 1992, 1993, 1994, 1996**
College of Science, Columbus State University

MAJOR PUBLICATIONS & PRESENTATIONS

“Alternative Financing Options for Public/Private Partnerships”, invited presentation at the Georgia Education Advancement Council’s Fall Meeting in St. Simons, Ga., Nov. 18, 2004 (with Dr. Lon Marlowe)

“Creating a Development Program from Scratch”, invited presentation at the Georgia Education Advancement Council’s Fall Meeting in Columbus, Ga., Nov. 10 – 13, 2003 (with Dr. Lon Marlowe and Ms. Melinda Laager)

“Educating the IT Manager”, 8th Annual Georgia Conference on College & University Teaching, Kennesaw State University, Feb. 8, 2001 (with Robert Fleck, Michael Daniels, & Victor Mbarika)

“What Works in Workforce Development”, Moderator, May 24, 2000, Plains, Ga.; Forum sponsored by the Georgia Department of Community Affairs and the Georgia Department of Industry, Trade, & Tourism; Participants included Riki Sehgal, Commissioner of the Georgia Department of Industry, Trade, & Tourism, and Michael Thurmond, Commissioner of the Georgia Department of Labor

“Economic Implications of the ICAPP Program”, invited presentation at the Southern Business Administrators Association, June 21, 1999, Myrtle Beach, SC, (with Michael Daniels and Bob Johnson)

“University System for Economic Development”, invited presentation at the Georgia Municipal Association Annual Convention, June 30, 1998, Savannah Civic Center, Savannah, GA

“Roundtable Discussion on Adult Education”, Moderator, March 2, 1998, Columbus State University; participants included Vice President Al Gore, Georgia Governor Zell Miller, U. S. Secretary of Education Riley, U. S. Senator Max Cleland, and U. S. Congressman Sanford Bishop

C. Leary Bell, Ph.D. <i>Vita</i>
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“Business and Industry Workforce Development”, invited presentation at the “Conference on The Changing Rural South: Economic Issues Affecting Southeast Georgia”, Georgia Southern University, Statesboro, GA, Dec. 8, 1997

“The ICAPP Program”, invited presentation at the Georgia Economic Developers Association 1997 Spring Workshop: “Develop People First, and Economic Progress Will Follow”, May 14 – 16, 1997, Jekyll Island, GA

“Strategies for Working with Business”, contributed presentation at the Teaching and Learning Conference, Columbus State University, Columbus, GA, May 8 –9, 1996

“The Applied Computer Science Program – It’s Relevance to Business”, invited presentation at STUCON 10, the 1995 regional meeting of the DPMA, March 23 – 25, 1995, Columbus State University, Columbus, GA

“The COMPASS Program for Business and Education”, contributed presentation at the University System of Georgia Annual Computing Conference, Rock Eagle, GA, Oct. 21 – 23, 1992

“The COMPASS Program – Charting a New Course for the Future”, contributed presentation at the George Mason University’s Tenth Annual Conference on Nontraditional/Interdisciplinary Programs, Fairfax, Virginia, May 10 – 13, 1992

“Generalized Inverses of Circulant and Generalized Circulant Matrices”, Linear Algebra and its Applications, 39:133 – 142 (1981)

“An Expression of the Moore-Penrose Inverse of Circulant Matrices”, contributed presentation at the Auburn Matrix Theory Conference (supported by the National Science Foundation), Auburn University, Auburn, AL, March, 1980

DON-TERRY VEAL, Ph.D.
Curriculum Vitae

Home Address:



Office Address:

**Center for Governmental Services
2236 Haley Center, Auburn, AL
Auburn, AL 36830
(334) 844-4781**

E-mail: Vealdon@auburn.edu

Departmental Web Site: www.auburn.edu/outreach/cgs

ADMINISTRATIVE and LEADERSHIP PROFILE:

A dynamic and creative and innovative leader with broad demonstrated administrative/academic competencies and experiences - I have effective skills at communication and interpersonal relations. My area of expertise includes a major focus on budgeting and finance for government and institutions in general. In addition to dealing with issues of public finance, I also have expertise in issues dealing with public administration, research methods and evaluation, public management, and public policy. As an administrator, I've been successful in my professional experiences as a result of demonstrating: competence in the art of relationship building, the ability to resolve problems, extreme diplomacy (nationally and internationally), excellent skills with project management, competence in relationship building with high-level public and private leaders, and engagement with external communities. I do pay attention to obstacles but tend to focus more on the possibilities.

ACADEMIC BACKGROUND

Ph. D. Doctorate in Political Science, Northern Illinois University, DeKalb, IL
1996 Fields: Public Budgeting/Finance, Public Administration, and American Politics
Concentrations: Public Finance, Public Management, Public Policy. *Dissertation:* The Politics of Equity and Growth

M.P.A. Masters of Public Administration, University of Mississippi, Oxford, MS.
1991 Concentration: Public Administration (MPA)

B.A. Bachelor of Arts, Southern University, New Orleans, Louisiana
1989 Major: Political Science, Minor: Urban Studies

Fellows and Advanced Training

- Harvard Law School, Senior Management Negotiations, Spring 2007
- University of Texas at Austin IC2 Institute Global Fellow, (Innovation, Creativity and Capital), two year appointment
- Foreign Honorary Fellow, the Korea Research Institute for Local Government (KRILG), 2009-2010.

EXPERIENCE SUMMARY

Administration: 14 Years Experience

Director, Associate Director, Director of Research and Development,
Executive Planner, Director of Internal Grants

Research: 15 Years Experience

Economic Development
Student Development
Public Finance
Public Personnel
Planning and Program Evaluations
Education & Workforce Diversity
Research Development

Teaching and Training: 16 Years Experience

Budgeting,
Community Development,
Public Personnel,
Research Methods and Statistics,
Political Science

Consulting: 14 Years Experience

Finance and Budgeting
Strategic Planning
Economic Development
Entrepreneurship
Development and Planning
Kellogg Foundation: Rural Entrepreneurship Initiative
Alabama County and Local Government
New Orleans Economic Development
South African Businesses and Government
South Korea Municipal Government

PROFESSIONAL EXPERIENCE

Administrative/Leadership

Auburn University (2000 — Present)

Director of the Center for Governmental Services (CGS); August, 2005 – present, serves as director with the responsibility of providing oversight, setting the agenda, and providing direction for the Centers four units: training, tax and finance, survey research lab, and a public personnel services to municipal, county, state, and international governments and community based nonprofit organizations. I am responsible for the administration of a \$1.7 million budget, with a total of 12 employees, and more than 15 students. CGS partners with the university faculty (more than 3000 academics) on select governmental projects.

- Serves as the Chief Fiscal and Administrator in CGS's ongoing fiscal and managerial contracts with various state-wide associations such as: the Alabama Department of Revenue Property Tax Program, the Alabama County Commissioner Association, the Alabama's Department of Revenue Certified Revenue Program, the Alabama Municipal Revenue Association, and the Alabama Association of Public Personnel Administrators.
- Establish, maintain, and structure national and international linkages, relationships, agreements and networks for CGS.
- Reorganized the CGS quarterly fiscal reporting to include accurate indirect cost calculations for the Alabama mandated Certified Revenue Examiners Program.
- Direct the training of 2,000 Alabama public officials each year.
- Direct professional development benefiting officials and the public in Alabama's 67 counties.
- Direct 75 training programs offered throughout the State of Alabama.
- Direct an Annual County Government Institute – Associated Issues: Economic Development, Leadership, and Community Development
- Directed the Department of Public Safety's Trucker Safety Study.
- Directed the Auburn University Outreach Survey – Office of the President.
- Structured the grant partnership between Southern University at New Orleans and the AU Center for Governmental Services.
- Coordinated the Rebuilding New Orleans, Algiers, Strategic Planning Project.
- Created and directed the first CGS/Auburn University Online Emergency Management Certification Program.
- Initiated and directed the first CGS Regional Poll. The First Gulf State Poll addresses questions centered around: Immigration, Disaster Preparedness, and Emergency Management.
- Directed the study titled, the *Differential Financial Impacts of Smoking Regulations on the Restaurant Industry in Selected Alabama Cities*, funded by the Alabama Department of Health.

- Directed the First County Fiscal Training Project for the Tallapoosa County, AL.
- Work with the Auburn University Office of Research to establish Business Incubators
- Chair of the National Symposium on *Advancing Excellence and Public Trust in Government*, at the National Press Club, Washington, D.C. (August 17, 2007).
- Developing working relationship with cities and universities in South Korea, as a result of providing the keynote address at the International Local Government Symposium in Gangwon-do S. Korea on October 8, 2007. Universities: (Sang Myung University and Yonsei University).
- Developed the CGS Immigration Round Table: A series of in-debt discussions with leading experts in government, business, education and communities at large on the impact of immigration on local, state, and national governments (December 17, 2007). Appeared on the Alabama Public Television (APT) "Face to Face" to give statewide updates on the progress of this issue. (<http://www.aptv.org/VideoRoom/viewprogram.asp?FileID=1064>).
- Developed and implemented the AU CGS Fellows Program. The Fellows Program is designed to help Faculty and Professionals engage in extensive intense research or funding opportunities that enhances the quality of public policy in the State of Alabama.
- Taught the following courses in the Auburn University Department of Political Science and Public Administration: Graduate Seminar on Administrative Leadership, Responsibility, and Democratic Government; Public Personnel Administration; State and local Government.
- Structured and directed the developed of a contract for a Market Feasibility study and Fiscal Plan with CGS and the Huntsville Housing Authority.
- Developed the Foundation of Creative Economies. An organization designed to improve the business and entrepreneurial opportunities for emerging businesses.
- President of the Southern Consortium of University Public Service Organizations (SCUPSO) – SCUPSO is a partner of the Southern Growth Policy Board <http://www.southern.org/scupso/scupso.shtml> - March 2009 to present.
- Developed and coordinated and founded the Alabama Council on Immigration for the Office of the Governor, under Alabama Department of Economic and Community Affairs (ADECA).
- Directed the Summer 2009 Ask Alabama Poll, which featured national and statewide press releases on: the economy, healthcare, the Alabama 2010 gubernatorial election, and other relevant issues facing citizens.
- Coordinated the Health Care Forum for the Auburn University Student Association, October 2009.
- Hosted and directed the coordination of the Alabama Gubernatorial Forum, November 3, 2009, Auburn University.
- Developed the CGS Global Leadership Experience Program: Implemented and directed a four week training to South Korean students on Government,

Language, Culture (January 7 – February 10, 2010). Also entered into an agreement with the Suez Canal University in Egypt on February 9, 2010.

Executive Director, Global Transparency Alliance for Governments (GTAG),
August 2008 - Present

- The Global Transparency Alliance for Governments (GTAG) is an applied research cohort committed to increasing confidence in governments by improving processes leading to greater governmental accountability and fiscal affairs.
- Served as chair of the conference titled, Advancing Excellence and Public Trust in Governments, dealing with governmental transparency, held at the National Press Club on September 17, 2007. The 2007 Conference led to the development of (GTAG).
- Providing leadership to develop the structure, mission, and functions for GTAG.
- Currently appointing national and international Board of Advisors and Directors for GTAG.
- GTAG, in conjunction with IC2, *The Public Manager*, the Center for Governmental Services, and other institutions and organizations, are sponsoring the national conference on *Transparency and Governments* to be held in the City of New Orleans, March 31, 2009.

Associate Director, Center for Governmental Services, Auburn University
2000 – August 2005

- Provided professional expertise in public finance, budgeting and administration for CGS client groups.
- Worked collegially and collaboratively with public and university officials, serve as the in house finance professional, provide administrative oversight, solicit resources and serve as one of the primary liaisons with university and governments.
- Provided agency leadership for Alabama's local governments, state agencies, and non-profit organizations.
- Marketed the Center's programs for professional contracts.
- Developed new broad and newly created projects as a means for marketing CGS for new clients and contacts.
- Served as second in command in managing administrative activities.
- Represented the agency on a variety of public venues.

Some CGS projects and activities:

- Led in the CGS development of the South African Municipal Officials Training efforts, 2005.
- Editor-in-Chief of the Entrepreneurship Policy Journal.
- Instructor – Department of Political Science – Auburn University.
- Chair of annual conference – Governmental Excellence and Best Practices:
 - *Governmental Excellence and Best Practices*, 2003

- *Pros and Cons of Gaming, 2004*
 - *Financing Alabama's Future, 2005*
- Coordinated conference activities including planning, programming, speaker selections, sponsorship campaigns, media relations, and management.
- Led strategic planning study for Jefferson County and developed a model strategic plan based on the four top best practiced counties in the United States (Visited and researched the following best practices states: Broward, FL.; Franklin, OH; Maricopa, AZ; and Las Vegas, NV.). 2004
- Coordinated and implemented a major conference dedicated to disseminating information pertaining to the critical issue affecting minorities in business. Served as the Director for the African Entrepreneurship Summit, Auburn University's College of Business 2002 - 2004
- Coordinated the Business and Occupational License project/study for the City of Birmingham, AL. 2003
- Coordinated the Funding Capability project/study for the City of Eufaula, AL. 2002
- Developed the first curriculum for the Alabama Department of Revenue's Certified Revenue Examiners Sampling Course, 2001.
- Researched and established the direction, scope, and state-wide expert presenters for the courses:
 - Instructor – The National Election Center – Budgeting, Contracting, and Management. 2001 Present.
- Examined the practicability of the bankruptcy issues in the City of Prichard, AL., for the *Mobile Register*. 2000

Selected Special Assignments for Auburn University

- Appointed to the University's Budget Committee by the Executive Vice President of Business and Finance.
- Assessed the results of minority vending proposals from select consultants for the Executive Vice President of Finance.
- Visited South Africa on a fact finding mission which led to the initial agenda proposal for the Auburn University's South African Initiative.
- Participated in the development of the Consortium for Higher Education Development in South Africa. Helped to negotiate direction of the consortium with Presidents at the following Universities in South Africa: Cape Technikon, the University of Western Cape, Peninsula Technikon, and the University of Stellenbosch.
- Managed the Governmental Training, Trade and Development components for Auburn University's South African Initiative. The Initiative has University-wide impact by linking different academic departments to projects, around their area of expertise, with the goal of assisting South Africa's transition into democracy and improving Auburn's financial streams.
- Developed a report on Exports and Trade between the U.S. and South Africa, and Alabama and South Africa for the Office of the Vice President for

- Outreach, 2003
- Participate in the I-85 Corridor (An Economic Planning Delegation).
 - Conducted a SWOT Analysis for the Office of Multicultural Affairs. 2000
 - Conducted a strategic planning session for Auburn University Diversity Efforts.
 - Served as a moderator for the Economic Development panel with the Department of Social Work. 2005
 - Conference Director – Empowerment Through Entrepreneurship Conference, in Cape Town, South Africa, November 2003
 - Served on the search committee with the Economic Development Institute. 2005
 - Serve as Treasure for the Black Administrative Council. 2004-2005
 - Served on the Human Resources focus group for job analysis. 2004
 - Served on all hiring committees in CGS. 2000-2005
 - Chaired the finance panel (2003), the Hyundai Automotive panel (2004), and the minorities in public administration pane (2005), for the Policy Forum, Auburn University at Montgomery.
 - Make presentations at several university functions throughout the year.

President and CEO, Veal Global Enterprises, Auburn, Alabama current.

- An international management and consulting firm.

Director of Development and Research/Fiscal Administrator

Akron Summit Community Action, Inc., Akron, Ohio July, 1999 – May, 2000

- Managed an annual budget of over 20 million dollars.
- Financial oversight of seven different federal, state, and local programs.
- Created an Agency Indirect Cost Pool proposal.
- Created departmental surveys and agency needs assessments.
- Conducted grant writing (received a \$250,000 and a \$50,000 grant).
- Evaluated funding opportunities for the organization.

Visiting Professor, Public Finance

The University of Akron, August 1996 – May 1999, Masters of Public Administration (MPA) Department Courses taught:

- *Public Budgeting*, three semesters,
- *Research Methods and Statistics*, two semesters
- *Advanced Research Methods and Statistics*, two semesters
- *Public Personnel*, four semesters,
- *Introduction to Public Administration*, five semesters,
- *Non-Profit Organizations*, five semesters.

Executive Planner, Council for Economic Opportunities of Greater Cleveland
1997 – 1998 Cleveland, Ohio – an agency of greater than a \$65 million budget

- Consulted with and trouble shot for Department Heads,
- Analyzed budget cost pools.
- Managed difficult-to-manage departments.
- Designed reports and recommended agency solutions to Executive Director.
- Served as an external liaison to local government and economic development entities for agency.
- Served as Executive Director's central internal consultants and agency problems and solutions.
- Restructured staffing responsibilities for various departments.
- Created agency centralization strategy and model for implementation; Identified and negotiated with software providers for agency.

Director of Development and Research, Akron Summit Community Action, Inc. 1997
Akron, Ohio

- Evaluated operational activities throughout the organization.
- Recommended research agendas for agency.
- Identified grant and resource opportunities for agency.

Director, Internal Assistantship and Fellowship Office, Graduate School,
1995-1996 Northern Illinois University, DeKalb, Illinois

- Coordinated efforts to assist graduate students in obtaining financial assistance for scholastic efforts.
- Consulted with students on financial matters.

Research Specialist, Office of the Secretary of State, Mississippi 1991 Jackson,
Mississippi

- Researched and documented evidence related to the dispute over the National Census population count;
- Researched and created the first state publication of the responsibilities of the Clerk of Court.
- Assisted the Assistant Secretary of State on activities relating to the voting division.

Researcher

- Afro-American Novel Project, University of Mississippi
1989 – 1991, Oxford, Mississippi - Project was based on a multi-year grant provided by the Ford Foundation.
- Conducted basic research for the first centralized database on selected Afro-American novels.
- Interviewed various authors and community leaders regarding published works of various.

- Represented agency on various forums, committees, and discussions.

Research Analyst, Regional Planning Commission, New Orleans, Louisiana
1988

- Determined the economic viability of project grants.

Professional Activities

- President of the Southern Consortium of University and Public Organizations (SCUPSO) 2009-2010.
- Elected to the Auburn University Faculty Senate.
- Appointed to the W.K. Kellogg Foundation's National Advisory Committee: Fostering Entrepreneurship in Rural America Initiative, March 2004-2005
- Vice Chair, the Human Resource Development Institute, Alabama, LLC. (HRDI). HRDI is a National Health Care Organization based in Chicago, Illinois.
- Member of the Round table with the World Conference of Mayors. 2004-Present.
- National Association of Business Economists' National meeting: sponsored by the Cleveland Growth Association and the Cleveland Ohio's Federal Reserve Bank, May 7. 1999
- International Business Acquisitions Seminar, The British-American Chamber of Commerce, July 23. 1998
- Assistant to Irene S. Rubin, Book Review Editor for the Public Administration Review. Sought professionals in the field to review significant books on public administration. 1991 – 1993
- Chairman of the Board, Dove Community Development Federal Credit Union, December, Auburn, Alabama. 2000 –Present
- Co-founded and was elected editor-in-chief of *Scope: The Journal of African-American Thought*. This journal, which is distributed to more than 500 Universities nation- wide, offers young scholars a unique forum for publishing articles, commentaries, and book reviews of topical interest to those of African heritage world wide. 1992-1995
- Presented regional economic development vision/model for the 2nd Congressional District, Jefferson Parish Voter League; presented on finance and regional economic development to various groups while a candidate for U.S. Congress. Gave talks to various groups, also, in Cleveland Ohio and the State of Illinois at that time. 1997-1998.
- Interim Director, African-American Entrepreneurship Summit 2000 – 2004. The Summit is an official Outreach program of the College of Business at Auburn University.
- Received the Franklin Covey 7 Habits of Highly Effective People Training and Certificate of Graduation. July 2001
- Received the Franklin Covey Four Roles of Leadership Certificate of Graduation.
- Academic Judge for the Graduate Research Forum, Auburn University. March 2001
- Founder and Incorporator of the Concerned Citizens Network, Orleans,

Louisiana.

- Managing editor and book review editor for *Scope: Journal of African American Thought*. 1994
- Founder and President of Northern Illinois University's Student Coalition for Carol Mosley-Braun's election to the U.S. Senate. 1992
- Campus Ambassador for UNICEF at Southern University at New Orleans, Louisiana. 1987

Academic Papers, Training and Speaking

- Delivered the keynote address to the United States Department of Agriculture on the Building Local Governments to Grow Businesses and the History of Black Economic Development (February 24, 2010),
- Provided major address on the Economic Development panel on "Helping Local Governments to Improve its Black Business Class (February 15, 2010) at Southern University at New Orleans,
- Presentation on the *Transparency and Accountability Challenge* Panel at the Public Manager and the American Society for Public Administration's 2009 Practitioner Conference, Washington ,D.C November 2008,
- Presentation on Improving Alabama's Opportunity for Benchmarking Best Practices Nationwide and Immigration updates at the Alabama Association of Tax Administrators Annual Conference (August, 2008), as well as the Alabama Assessing Administrations Association Annual Conference (August, 2008),
- Presentation on the *Accountability Challenge* Panel at the Public Manager and the American Society for Public Administration's 2008 Practitioner Conference, Baltimore Maryland July 2008
- Presentation on the Auburn University Center for Governmental Services role in disaster planning, the Southern consortium of University Public Service Organizations, Little Rock Arkansas, 2006
- Participation in Resources for Rebuilding New Orleans: Assisting New Orleans and the Algiers Economic Development Foundation; New Orleans, La. 2006
- Presentation on American Universities Role in Government and Community Development at Samchock University; Samchock, South Korea 2005
- Gave remarks and distributed Graduate Certifications to Alabama County Commissioner Graduates, 2005
- Remarks at the Alabama Municipal Revenue Association, 2005
- Opening address, introduction of major speakers, and closing remarks at the Governmental Excellence Conferences. 2003, 2004, 2005
- Served as moderator for AUM Forums :
 - Public Affairs, 2003
 - Hyundai in Alabama and related business issues, 2004
 - Minorities in Public Administration, 2005
- Presented paper at the Mid-West Political Science Association. April 2005
- Presented paper on Financial and Economic Development at the Alabama Regional Planning Commission State-wide Conference. 2004
- Delivered an address to the South African Municipal Business Conference.

November 2004

- Delivered several addresses on Entrepreneurship at the Empowerment Through Entrepreneurship Conference held in Cape Town, South Africa. November 2004
- Delivered several addresses at the African-American Entrepreneurship Summit while serving as Director and Coordinator. 2002-2004
- Delivered keynote address for the Lee County Democratic Party. 2003
- Trained more than 250 mayors and City Council Persons on the issues of "Budgeting During Hard Times" for the Alabama League of Municipalities. Spring 2003
- NOBCO (National Organization of Black County Officials) –Speaker on the issue of Regional Multi State Economic Development Initiatives. April 2002
- Speaker for the International Association of Personnel in Employment Securities (IAPES) Conference. October 2001
- Trainer with the National Election Center. Courses taught: Budgeting, Contracting, Organization Theory. The locations that these course were taught were: Richmond, VA; Portland, OR. Miami, FL; Charleston, SC.
- Speaker for the Municipal Revenue Officers Association. 2000
- Trained business and community leaders on modern day economic and financial solutions to community problems, New Orleans, 9th ward political district. 1998
- Served as speaker at several meetings with the Alabama County Commissioner Association.
- Speaker on the Politics panel and Conference closing address at the Fourth Annual Northern Illinois University's Fourth Annual African-American Leadership Conference. April 1997
- I received dedication, along with Dr. Willie Fowler, of the Fifth Annual Leadership Conference as Founder of the Annual African- American Leadership Conferences. April 1998
- Ohio Board of Regents Stars Program Luncheon Keynote Address. Spring 1999
- Commencement Keynote address for Akron's Urban League's Technical and GED Graduation. April 1997
- Keynote address for the Concerned Citizen's Network Kickoff Celebration, New Orleans. LA. November 1996
- Conference paper co-authored with State Representative Vernon Sykes on "Perspective on Affirmative Action," presented at the Conference for Public Administration (COMPA) 26th Annual National Conference at Louisville, KY, March 1997
- "A tale of two cities: Economic development in two Northern cities," a paper presented at the Conference for Public Administrators (COMPA) 25th Annual National Conference in Houston, Texas. February 1996
- Presented findings of dissertation on a selected Ph. D. candidate panel at the Public Budgeting and Finance Conference in Washington, D.C. October 1995
- Chief Executive Officer of the Third Annual American Leadership Conference Northern Illinois University, DeKalb Illinois April 1996
- Founder of these conferences:

- Chief Financial Officer and Chair of the Second Annual African American Leadership Conference, April 1995
- Co-Chair of the First Annual African-American Leadership Conference
- Participants of all three conferences included Winnie Mandela, former Governor of Virginia, L. Douglas Wilder; Executive Director of Trans Africa, Randall Robinson, Dr. Ronald Walters, Sonya Sanchez, and a host of other academics, policy makers, and community activists. April 1994
- Speaker for round table discussion on "International politics" which included Randall Robinson, George Amedee, and Keenan Grenell at the Second Annual African-American Leadership Conference at Northern Illinois University. The speech contrasted contemporary developmental politics in Vietnam, Thailand, and Egypt. April 1995
- Discussant on the panel on "Setting a Political Agenda" at the First Annual African-American Leadership Conference. April 1994
- "Illinois voter's attitudes during the Carol Mosley-Braun election," paper and presentation. Survey research concluded that the voters of Illinois used past experiences as a guide for electing Carol Mosley-Braun over Richard Williamson in the U.S. Senate election. Paper presented at the First Annual African-American Leadership Conference at Northern Illinois University, DeKalb, Illinois. April 1994
- Presented discussion on Politics at Archbishop Shaw High School, New Orleans, LA. 1998
- Lecture series on Leadership at the University of Akron: Speaker on Financial Planning and Community Development. November 1997
- Speech on the Politics of Generation X, Southern University at New Orleans. September 1997
- Coordinator and Presenter on the Economic Development and Growth Priorities of Local Government Session, American Society of Public Administration (ASPA) Region VI 1997 Conference. October 1997
- Keynote address for O. Perry Walker's High School Graduation (Alma mater). 1997
- "A new look at the new black politics," (essay, 1992), with Robert Albritton, George Amedee, and Keenan Grenell. Presented at the Annual Meeting of the American Political Science Association.

Publications

- Veal, Don-Terry, Sauser, William, and Folmar, Maria, "Multiple Dimensions of Transparency in Government." Chapter in the book titled, Change (Transformation) in Government Organizations - Ronald R. Sims (Editor) (To be published by Information Age Publishing – 2010).
- Clark, Cal and Veal, Don-Terry, "Introduction on the Forum on Transparency," *The Public Manager*, 2009
- Veal, Don-Terry, "Associated Credit Ratings and Local Governments in the United States," this article examines the bond market and the many challenges that state and local governments are experiencing as a result of current market

driven issues, such as the subprime loan and housing market challenges. *Korean Government and Accounting and Finance Journal* (August, 2008).

- Veal, Don-Terry and Grenell, Keenan (editors), *Entrepreneurship in South Africa and the United States: Comparative Studies*. Edwin Mellen Press (2008). This book provides a comprehensive examination of the realities, changes, and public policy outcomes that are influenced by the South African and American entrepreneurship experience. It examines business perspectives, ranging from small to large national and international.
- *The Politics of Equity and Growth* (Edwin Mellen Press, May 2005). This book describes the relationship between distributive equity and economic growth, as interpreted from mayoral budgeting priorities in Rockford, Illinois. It then speculates as to the implications of these priorities for the city's future. The book is currently being advertised with various book stores around the world.
- Editorial, Money Management Critical Issues for Alabamians, the Montgomery Advertiser. April 24, 2005
- Editor in Chief, *Entrepreneurship Policy Journal*,
 1. First Edition: January 2001
 2. Second Edition: April 2005
- Veal, Don-Terry, "A Shift in the Prevailing Theory of Urban Economic Growth Policy." Chapter in the book titled, Black Cultures and Race Relations, Burnham Publishers, 2002.
- "Smart Growth and Local Elected Officials in Alabama"
Article written with Dr. Jim Seroka will be published in the 14th Conference on Small City and Regional Community 2000 Conference proceedings (2001).
- Editor in Chief, *Scope: The Journal of African-American Thought* 1992-1995
- "In The Image of our Political Inheritance" written with Stephen A. Maclin, December 1997 edition in *Administrative Theory and Praxis*. The article talks about the implementation rationality of public policy in the realm of local economic development.
- "Voting participation," *Scope: The Journal of African American Thought*, (essay, Spring, 1995). A chapter in the book titled, Race Politics and Governance in the United States, edited by Huey Perry, and published by the Florida University Press, 1996.
- "U.S. needs to play realist in mid-east," *The Daily Mississippian*, (article, 1991). Essay published as a column in the University of Mississippi's student newspaper.
- "Problem of the Times," (article, 1990). Article published as part of the University of Mississippi's Black Studies newsletter.

Manuscripts in Process

- Clark, Cal and Veal, Don-Terry, Public Issues in Alabama (To be published in the fall of 2008).
- Clark, Cal and Veal, Don-Terry, Transparency in State and Local Government (To be published in the fall of 2008).

International Experience and Projects

- *South Korea - (City of Seoul)* Invited by the Korea Governmental Accounting Association to deliver a presentation on issues Associated with Credit Ratings and Local Governments in the United States. The presentation examined the bond market and the many challenges that state and local governments are experiencing as a result of the current market driven issues, such as the subprime loan and housing market challenges (July 25, 2008).
- *South Korea - (Cities of Gangwon-do, Yonsei, and Cheonan)* Provided keynote address for the International Local Government Symposium for the City of Gangwon-do Korea on Transparency in Government and community Development, October 8, 2007. Also gave lectures at Yonsei University for its College of Public Administration (on October 9, 2007) and Sang Myung University for the College of Engineering (on October 10, 2007).
- *South Korea (Samcheok and Souel)* - Led the development of the Auburn University/South Korea Exchange. Provided a presentation to University officials on American Universities Role on Local Government's and Communities, signed an official Governmental Services agreement between Samcheok National University Governmental and Auburn University, and briefed the mayor of the City of Samcheok and his staff on issues dealing with union experiences in the United States, December 12, 2005.
- *Trinidad and Tobago (Caribbean)* – Panelist on Economic Development and Tourism at the World Conference of Mayors. Member of the US World Conference of Mayors Delegation to Explore Economic Development Opportunities Centered Around Oil and Energy Explorations, November 17-21, 2004.
- *South Africa (Johannesburg)* - Panelist for the Corporate Council on Africa and the U.S. Import and Export and Import Bank Conference: Improving the Capital Flow to South Africa, September 26, 2004.
- *South Africa (Cape Town)* – Participated in development of a consortium of governments, universities, and businesses to contribute to initiatives that would benefit South African's transformation while strengthening U.S./South African Economic Development. April 2002, July, and December 2002
- *South Africa (Cape Town)* - Director of the Empowerment Through Entrepreneurship Conference, in Cape Town, South Africa. November 2003
- *France (Paris)* – Investigated Potential Technological Developments and Economic Development Research. 1998
- *Canada* – Researched trends on economic development. 1998
- *Vietnam and Thailand* - Visited Saigon and Hanoi, Vietnam, and Bangkok, Thailand, with a small group of Southeast Asian specialists who conducted basic research, with an eye towards developing academic and business relations. January 1995
- *Egypt – (Cairo, Alexandria, Luxor)* Accumulated research during a previously held College of Business Internship in Egypt, and developed and presented research on the country's government business and development ,Northern Illinois University, College of Business.

October 1994

- *Spain – (Madrid, Segovia, Salamanca)* Student Program in Spain, International Education Program.

Honors and Awards

- President, Southern Consortium of University and Public Organizations (SCUPSO) – Organization is a component of the Southern Growth Policy Board and is represented by more than 25 universities nationwide. April 1, 2009-present
- Board Member, Algiers Economic Development Foundation (City of New Orleans). 2005-present
- Cambridge Who's Who of Executives and Professionals Honored V.I.P. 2007-08
- Founding Member of the National Endowment for the Public Trust. 2005-Present
- Founding Member of the 100 Black Men, Inc. Auburn Alabama. 2005-Present
- Treasurer of the Homestead Homeowners Association. 2000-2003
- President, the Concerned Citizen's Network, New Orleans, LA. 1997-1999
- President of the Black Graduate Student Association, NIU. 1991-1992
- President of the National Council of Black Men, Inc. 1987-1992
- Northern Illinois University, recipient of the Rhoten A. Smith Graduate Assistantship. 1991-1995
- Trail Blazer Award, The Center for Black Studies, NIU. 1995
- Congressional Candidate, New Orleans, Louisiana. 1998
- Award from the Suez Canal Authority, (Egypt). 1994
- Political Science Honor Society, PI SIGMA ALPHA. 1991
- Outstanding Young Men in America. 1987
- NAACP Political leadership award for serving as founder and President of the Student Coalition of Carol Mosley Braun for U.S. Senate, Dekalb Illinois (NIU).
- Minority Academic Fellowship, University of Mississippi. 1989-1991
- Certificate of Excellence Status with the Office of Secretary of State. 1991
- Beta Beta Beta Biological Honor Society. 1987
- Academic Scholarship, Southern University of New Orleans. 1987-1988
- Mayor's Certificate of Merit, City of New Orleans. 1988
- Honorary State Senator, Louisiana State Legislature. 1987
- Department of Political Science, Outstanding Student Award, SUNO. 1988
- Urban Studies Outstanding, Student Award, SUNO.
- President of the Student Senate, Southern University at New Orleans 1987

Media

- Have had extensive experience with print and broadcast media.

Professional Associations (current and past)

- American Association for Higher Education (AAHE), member
- American Society of Public Administration (ASPA), member
- American Public Trust, Board Member
- Conference of Minority Public Administrators (section of ASPA), member

- Kiwanis Club, former member
- Mid West Political Science Association, member
- Pi Sigma Alpha (Political Science Honor Society), member
- Public Budgeting and Finance (section of ASPA), member
- Rotary Club (Sunrise Rotary), former member
- SCUPSO, Southern Consortium of Public Service Organizations
- University Continuing Education Association
- World Conference of Mayors, Executive Committee, member

KEVIN E. GOFF



Hm

Wk (334) 213-3922

HIGHLIGHTS OF QUALIFICATIONS and Training

- Trained & Expert in CISCO Certified Networking Associate (CCNA)
- Trained & Expert in all Nortel routers and switches
- Trained & Expert in Oracle database
- Expert Web and graphics designer
- Expert with the complete Adobe Suite
- Trained & Expert in Macintosh OS and Mac server OS
- Trained & Expert in Windows server & Windows OS
- Trained & Expert in Tandberg video conferencing systems
- Trained & Expert in A+ (PC repair and maintenance)
- Trained & Expert in Network +
- Committed to excellent customer service and customer satisfaction
- Expert trouble-shooter For Lan/Wan communications & Hardware

Experience:

- 11 years expert networking job experience**
- 6 years Management experience**

Education:

- 2009 – present Faulkner University**
- 2003 – 2004 Faulkner University**
- 2002 - Global Knowledge training on Nortel passport routers and switches**
- 1999 – 2001: Computer science program specializing in networks and CISCO Certified Networking Course at John Patterson Technical College**
- 1990 – Army Soldier Leadership School**

Employment History

May 2007 – Present -- IT Department Manager – Alabama Public Library Service

During my time here at APLS I have taken the IT department from one that was very far behind the technology curve and relied on Win 95 and Novel directory servers along with Novel file servers that had very high IT overhead. I built an IT department that is up to industry standards running a mixed environment of Windows server 2003, Red Hat Linux server, IBM AIX Unix server, and Macintosh OSX servers. I have also gotten the agency upgraded to Desktops running Window XP professional and Mac OS. I was able to get the agency equipped with four Tandberg video conferencing systems; I have successfully managed several multi-site conferences with great results. I along with key agency personnel spearheaded the Governors' Connecting Families program getting over half the state libraries online with Imac computers providing an all in one solution for desktop video conferencing. I am spearheading efforts to build an open source Library Catalog that will be available to the state libraries for free along with many new web services that will save the libraries countless dollars.

Jan 2006 – May 2007 – Lan/Wan Analyst – Regions Bank – Montgomery, AL

At the Regions Help Desk, I assist users with all Regions Technology issues. To include, troubleshooting Lotus Notes, Outlook, all Mainframe applications, Citrix, Empower, B2B, Remedy tracking systems and Hardware troubleshooting of all Local Network and Workstation issues with Routers, Switches, Hubs, Pc's, Monitors and Printers. I assist the users with many in house banking systems and manage user accounts for 23,000 users with Active Directory and Identity Manager.

Sep 2001 – Dec 2005 - Wan Engineer - Regions Bank – Montgomery, AL

Maintain the WAN and LAN connections for 875 branch and back office sites around the south and southeast United states. I also maintain the connections for over seven hundred ATM machines, and work with vendors to resolve ATM function and communication issues.

At Regions my daily responsibilities include monitoring our LAN/Wan network connections. When problem arise I trouble shoot the problem with advanced network trouble shooting procedures. I work with outside vendors to resolve the troubles. I will also program and provision our network routers and switches to provide access to all devices. I also maintain and built our local Web page and trouble shooting and procedures guides. I also run cabling and install equipment as needed on and off site. I help maintain our disaster recovery and help in the design and implementation of our expanding network

Jan 2001- Sep 2001 - Network Administrator – (Temp Employee at RHEEM Manufacturing) – Montgomery, AL

Provide daily desktop and network support for Rheem employees

At Rheem I helped manage the local user connections and added users to the network at the Montgomery plant. I performed daily Pc and network troubleshooting and repairs. I installed and maintained local pc and server software and connectivity.

Oct 1999 – Jan 2001- *Network Administrator and Service Manager- Adams Motorsports-Montgomery, AL*

As Network Administrator planned and implemented ground up network
Implemented network, trained users on new software and proper operation of network.

Upgraded company hardware and software to give optimal results with lowest possible cost.

Other duties included:

Managing the operation of an eight employee shop: handled all accounts for service customers & warranty claims.

Reorganized daily operations of service department. Turned operation with chronic losses into one that made a profit.

1998 – 1999-Service Technician - Saturn of Montgomery, Montgomery, AL

Considered top technician in shop : helped train less experienced technicians.

1997 – 1998 – Assistant Service Manager – Jack Ingram Motors, Montgomery, AL

In charge of daily performance of 6 employees

1995 – 1996 – Service Technician – EA Martin Equipment Company, Alma, AR

RALPH FOSTER

University Outreach, 201 O. D. Smith Hall, Auburn University, Auburn AL 36849

E-mail: fosters@auburn.edu, Phone: 334-844-5118, Fax: 334-844-4730

EDUCATION AND PROFESSIONAL PREPARATION

Degrees:

Auburn University, Auburn, AL	Business Administration	B.S. (1979)
Troy State University, Montgomery, AL	Personnel Management	M.S. (1988)

Institutes:

University of Georgia, Athens, GA	National Leadership Institute in Adult & Continuing Ed	(1991)
Northeastern University, Boston, MA	Institute on Experiential Education	(2008)

PROFESSIONAL RECOGNITIONS

1990	Fellow of the Society Society for Advancement of Management International
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PROFESSIONAL EXPERIENCES

2010 – present	Director and CEU Officer, Office of Public Service, Auburn University, Auburn, AL <i>Oversight of university service learning and engagement programs, institutional and community partnerships, and information and CE program certification services.</i>
2005 – 2010	Director and CEU Officer, Office of Outreach Information and Program Certification, Auburn University, Auburn, AL <i>Oversight of outreach information services and university CE program certification.</i>
1993 - 2005	Director, Office of Outreach Information, Auburn University, Auburn, AL <i>Oversight of outreach information services.</i>
1989 – 1993	Project Associate, Office of the Vice President for Extension, Auburn University, Auburn, AL
1988 and prior	Service management and marketing consulting, Montgomery, AL

SELECTED PUBLICATIONS

Books and Chapters

1. Foster, R. S., Jr. (In press, 2010). "Transforming the Ivory Tower to Community Center: Civic Engagement in Public Universities." In R. Sims (Ed.) *Transformation/Change in Government Organizations*. Charlotte, NC: Information Age Publishing.
2. Foster, R. S., Jr. (1998). "Accountability and Change in Higher Education: A Case History." In R. Sims (Ed.) *Accountability and Radical Change in Public Organizations*. Westport, CT: Quorum Books/Greenwood Press.
3. Foster, R. S., Jr., Jelinek, S. M., & Sauser, W. I., Jr. (1995). "Corporate Fraud in Marketing: Business Practices and Advertising Content." In M. Spencer & R. Sims (Eds.) *Corporate Misconduct: The Legal, Societal, and Management Issues*. Westport, CT: Quorum Books/Greenwood Press.

4. Jelinek, S. M., Foster, R. S., Jr., & Sauser, W. I., Jr. (1995). "The Americans with Disabilities Act and Compensation." In J. Veres and R. Sims (Eds.) *Human Resource Management and the Americans with Disabilities Act*. Westport, CT: Quorum Books/Greenwood Press.
5. Jelinek, S. M., Foster, R. S., Jr., & Sauser, W. I., Jr. (1995). "A Rose by Any Other Name: Applying Total Quality Management in Higher Education." In S. Sims and R. Sims (Eds.) *Total Quality Management in Higher Education: Is it Working? Why or Why Not?* Westport, CT: Praeger Publishers/Greenwood Press.
6. Foster, R. S., Jr., Sauser, W. I., Jr., & Self, D. R. (Eds.). (1994). *Marketing University Outreach Programs*. Binghamton, NY: The Haworth Press. Simultaneously published in *Journal of Nonprofit & Public Sector Marketing*. Vol. 2(2/3), 1994.
7. Sauser, W. I., Jr., & Foster, R. S., Jr. (1991), "Comprehensive University Extension in the Twenty-First Century." In R. Sims & S. Sims (Eds.) *Managing Institutions of Higher Education into the Twenty-First Century: Issues and Implications*. Westport, CT: Greenwood Press.

Refereed Publications

1. Duncan, S. F., & Foster, R., "Promoting Programs in Aging Through Interdisciplinary Collaboration," *Journal of Extension*, 34(1), February 1996.
2. Foster, R. S., Jr., "The Disabled as Part of a Diverse Workforce," *SAM Advanced Management Journal*, 58(2), Spring 1993. Previously published in *The Proceedings of the 1992 SAM International Management Conference*, November 1992.
3. Foster, R. S., Jr., "Ethics in Advertising: Extending Industry Standards to the Local Level," *The Proceedings of the 1990 SAM International Management Conference*, August 1990.

Symposia Proceedings

1. Muse, William V., et al, *University Outreach: University Connections to Society*. R. Foster (Publication Director), M. Matthews & S. Robertson (Eds.) Auburn University, 2000.

HONORS AND AWARDS

- Council for the Advancement and Support of Education (CASE, District III) Special Merit Award, for special events, 2007
- Paul Harris Fellowship, Auburn Rotary Club, 1999
- CASE (District III) Award of Excellence, for institutional relations program, 1999
- CASE (District III) Award of Excellence, for public affairs program, 1996
- Society for Advancement of Management (SAM) Management Excellence Award, 1994
- SAM International Human Relations Award, 1993

SYNERGISTIC ACTIVITIES

Professional Memberships: Association for Continuing Higher Education; Society for Advancement of Management International; Gulf South Summit; National Outreach Scholarship Conference; University Continuing Education Association.

Reviewer of articles for the following journals: *Journal of Higher Education Outreach and Engagement*; *Advanced Management Journal*.

Engagement: Co-principal Investigator, 2010, State Farm Service Learning Grant: Auburn University and Loachapoka Schools College Preparatory Program; Board of Directors alternate, 2010, Alabama Poverty Project.

Teaching: Frequent guest presenter or instructor for various courses and continuing education programs, Auburn University and other area universities.

FAN WU

Assistant Professor of Computer Science Department
Tuskegee University
Room 300E3 Andrew Brimmer Hall
Tuskegee, Alabama 36088
Office: (334) 727-8362 Fax: (334) 724-4389
Email: wuf@tuskegee.edu

EDUCATION

Nanjing University of Posts and Telecommunications	Computer Science B.S.	2000
Nanjing University of Posts and Telecommunications	Computer Science M.S.	2003
Worcester Polytechnic Institute	Computer Science Ph.D.	2008

PROFESSIONAL EXPERIENCE

Tuskegee University

Assistant Professor of Computer Science Department 2009 - Present

Worcester Polytechnic Institute

Teaching Assistant 2003 – 2008

SELECTED PUBLICATIONS

Five Selected Publications Most Relevant to Proposed Project

- 1. (Book Chapter) Fan Wu**, Emmanuel Agu, Clifford Lindsay and Chung-han Chen, *UbiWave: An Novel Energy-Efficient End-to-End Solution for Mobile 3D Graphics., Handheld Computing for Mobile Commerce: Applications, Concepts and Technologies, 2010*, ISBN-13: 978-1615207619.
- 2. Fan Wu**, Emmanuel Agu, Clifford Lindsay and Chung-han Chen, *Imperceptible Simplification on Mobile Displays, International Journal of Handheld Computing Research, International Journal of Handheld Computing Research (IJHCR), Accepted, to be published in 2011*
- 3. Fan Wu**, Emmanuel Agu, Clifford Lindsay and Chung-han Chen, *On Balancing Energy Consumption, Rendering Speed, and Image Quality on Mobile Devices, International Journal of Handheld Computing Research (IJHCR), Issue 3, to be published in July, 2010*
- 4. Fan Wu**, Emmanuel Agu, Clifford Lindsay and Chung-han Chen, *Unequal Error Protection (UEP) for Wavelet-Based Wireless 3D Mesh Transmission, IEEE NCA 2009, Boston, MA. July 2009.*
- 5. Fan Wu**, Emmanuel Agu and Clifford Lindsay, *Adaptive CPU Scheduling to Conserve Energy in Real-Time Mobile Graphics Applications, ISVC 2008, Las Vegas, NV. December 2008.*

Five Other Selected Significant Publications

- 1. Fan Wu**, Emmanuel Agu and Clifford Lindsay, *Pareto-Based Perceptual Metric for Imperceptible Simplification on Mobile Displays, Eurographics 2007*, Prague, Czech Republic . September 2007.
- 2. Fan Wu**, Emmanuel Agu and Clifford Lindsay, *Adaptive CPU Scheduling to Conserve Energy in Real-Time Mobile Graphics Applications, Pacific Graphics 2008, Tokyo, Japan. October 2008.*
- 3. Fan Wu**, Emmanuel Agu and Matthew Ward, *Multiresolution Graphics on Ubiquitous Displays using Wavelets, International Journal of Virtual Reality, Volume 5, Number 3, September, 2006 .*

4. **Fan Wu**, Emmanuel Agu and Matthew Ward, *UbiWave: Ubiquitous Multiresolution Graphics using Wavelets*. ICAT'06, Hangzhou, China, November 2006.

5. Clifford Lindsay, Emmanuel Agu and **Fan Wu**, *Dynamic Correction of Color Appearance on Mobile Devices, Graphics Interface 2008*, Windsor, Ontario, Canada. May 2008

PROFESSIONAL ACTIVITIES AND BOARDS

Member of Editorial Review Board for International Journal of Handheld Computing Research (IJHCR).

PROFESSIONAL MEMBERSHIPS

Association for Computing Machinery (ACM).

AWARDS

1. NSF: DGE, (\$699,995), Science Master's Program: Robotics & Systems Engineering, PI: Michael Gennert, Worcester Polytechnic Institute, Co-PI: **Fan Wu**, Tuskegee University (Pending).

2. Sun Microsystems Change Your World Grant (2009)

COLLABORATORS IN LAST FOUR YEARS

Emmanuel Agu (WPI), Michael Gennert (WPI), Robert Lindeman (WPI), Matthew Ward (WPI), Holly Rushmeier (Yale), Wen-chen Hu (University of North Dakota), Hira Narang (Tuskegee University) Chung-han Chen (Tuskegee University), Chai-Lin Chen (Tuskegee University)

Chung-Han Chen, Ph. D.

Associate Professor
Department of Computer Science
Tuskegee University
Tuskegee, Alabama 36088

Office: (334) 727-8982, Email: jchen@tuskegee.edu

PROFESSIONAL PREPARATION

University of Southwestern Louisiana	Computer Engineering	Doctor of Philosophy	1993
Dissertation: <i>Yield and Reliability Aspects of VLSI/WSI Parallel Processing Architectures</i> , Advisors: Dr. N-F. Tzeng and Dr. L.N. Bhuyan.			
University of Southwestern Louisiana	Computer Engineering	Master of Science	1987
Tatung Institute of Technology	Electrical Engineering	Bachelor of Science	1972

APPOINTMENTS

Tuskegee University	
Associate Professor, Department of Computer Science	2006 – Present
Assistant Professor, Department of Computer Science	1998 - 2006
Assistant Professor, Department of Computer Science	1993 - 1996
Instructor, Department of Computer Science	1990 - 1993

Mitsubishi Consumer Electronics America, Inc.

Senior Electrical/Concurrent Engineer	1996 - 1998
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PUBLICATIONS

- Fan Wu, Emmanuel Agu, Clifford Lindsay and Chung-han Chen, (**Book Chapter**) *UbiWave: An Novel Energy-Efficient End-to-End Solution for Mobile 3D Graphics., Handheld Computing for Mobile Commerce: Applications, Concepts and Technologies, 2010*, ISBN-13: 978-1615207619.
- Hu, H., Chen, Y., Ku, W.-S., Su, Z., and Chen, C. H., *Weighted Trust Evaluation Based Malicious Node Detection for Wireless Sensor Networks*, International Journal of Information and Computer Security. Vol. 3, No. 2, 2009
- Chen, C. H., *Yield and Reliability Enhancement in VLSI Design*, Proceedings, The Int'l Conference on Computer Design (CDES'09), July 2009.
- Wu, F., H., Agu, E., Lindsay, C., and Chen, C. H., *Unequal Error Protection (UEP) for Wavelet-Based Wireless 3D Mesh Transmission*. Proceedings, The 8th IEEE International Symposium on Network Computing and Applications (IEEE NCA09), July 2009.
- Lester, C., Narang, H., and Chen, C. H., *Infusing Information Assurance into an Undergraduate CS Curriculum*. Proceedings of the International Conference on Secureware, IEEE Computer Society Press. Fall 2008
- Chen, C. H., *TUVNL: An experimental Network Security Lab for Research and Education*, Proceedings, The Intl. Conf. on Security and Management 2008 (SAM08)
- Chen, C. H., and Narang, H., *Education in Software Security*, Proceedings, The Intl. Conf. on Security and Management (SAM07), June, 2007

- Chen, C. H., and Narang, H., *Software Security, A Survey*, Proceedings, The symposium on Computing at Minority Institutions (ADMI05), Oct. 2005.
- Narang, H., Ali, M., and Chen, C. H., *Developing an Information Assurance Track in Computer Science Curricula*, Proceedings, The symposium on Computing at Minority Institutions (ADMI05), Oct. 2005.
- Wang, C., Chang, K., and Chen, C. H., *A practical XML-based Enterprise Data Integration Platform*, Proceedings, International Conference on Internet Computing (ICOMP05), June 2005.

GRANTS

- PI, NSF Award, “Collaborative Project: A Digital Forensics Cyberinfrastructure Workforce Training Initiative for America's Veterans”, Aug 2008 – July 2011, \$215,992.00
- Co-PI, NSF Awards, “Collaborative Research: CRI: IAD: Electronic Testing Education, Research and Training Infrastructure”, Oct. 2007 – Sept. 2010, \$169,083.00
- Co-PI, NSA Award, “Establishment of IA Track in Computer Science at Tuskegee University” Oct. 2006 – Sept. 2009, \$364,842.06
- PI, NSA Award, “The Establishment of Virtual Network Lab for Education and Research in Network Security”, Oct. 2006 – Sept. 2007, \$121,863.00

SYNERGISTIC ACTIVITIES

Advise and provide consultation and technical services, which includes recovering lost data, revamping a system, troubleshooting, removing viruses, network connection, etc. to faculty and students at Tuskegee University

Worked with a cross functional group leading the development and implementation of Information Assurance courses to enhance the curriculum in the Department of Computer Science at Tuskegee University

Coordinated the Department of Computer Science at Tuskegee University in preparation for ABET accreditation.

PROFESSIONAL ACTIVITIES AND BOARDS

Member, Institute of Electrical and Electronic Engineers (IEEE), Computer Society

HONORS AND AWARDS

Faculty Performance Award, Tuskegee University, 2008
 Certificate, Information Assurance Graduate Education Certificate Program, Purdue University, August, 2004

COLLABORATORS

Hira Narang, Tuskegee University
 Kai Chang, Auburn University
 Drew Hamilton, Auburn University
 Ray Vaughn, Mississippi State University

Alireza Babaei

CONTACT INFORMATION	Dept. of Electrical and Computer Engineering Auburn University Auburn, AL 36849, USA	<i>Voice:</i> +1 844 334 1828 <i>Fax:</i> +1 334 844 1809 <i>E-mail:</i> ababaei@auburn.edu
RESEARCH INTERESTS	Stochastic Processes, Wireless Communications and Networking, Mathematical Optimization and Optimal Resource Allocation, Routing and Wavelength Assignment (RWA) in Optical Networks	
EDUCATION	George Mason University, Fairfax, VA, Ph.D., Electrical and Computer Engineering, Spring 2009 <ul style="list-style-type: none">• Dissertation Title: Statistical Interference Modeling and Coexistence Strategies in Cognitive Wireless Networks• Advisor: Professor Bijan Jabbari• GPA: 3.96 Iran University of Science and Technology, Tehran, Iran M.S., Electrical Engineering, November 2005 <ul style="list-style-type: none">• Thesis Title: Adaptive Modulation and Coding in Cellular Systems using Meta-heuristic Optimization Algorithms K. N. Toosi University of Technology, Tehran, Iran B.S., Electrical Engineering, September 2003 <ul style="list-style-type: none">• Specialization: Communications• Project Title: Simulation and Performance Study of Space-Time Codes	
AWARDS	<ul style="list-style-type: none">• Outstanding Graduate Student Award, Volgenau School of Information Technology and Engineering, George Mason University, Spring 2009.• Doctoral Fellowship, Volgenau School of Information Technology and Engineering, George Mason University, Fall 2008 and Spring 2009.	
ACADEMIC EXPERIENCE	Auburn University, Auburn, AL <i>Postdoctoral Fellow</i> Feb. 2010 Till date George Mason University, Fairfax, VA <i>Research Assistant</i> Summer 2009 to Feb. 2010 <ul style="list-style-type: none">• Doing research and helping in writing research proposals• Helping Master and PhD students in their research <i>PhD Student</i> Fall 2006 to Spring 2009 <ul style="list-style-type: none">• PhD research and course work.• Worked as a graduate research assistant in the NSF project: <i>Dynamic Resource Allocation via GMPLS Optical Networks</i> (DRAGON) and helped in the development and implementation of channel graph algorithm in multi-layer switched networks <i>Grader</i> Fall 2007 to Spring 2009	

- Graded regularly assignments and projects for ECE 642 (Design and Analysis of Computer Communication Networks) and ECE 741 (Wireless Networks).

Tabarestan Institute of Higher Education, Chaloos, Iran

Lecturer

Fall 2005 to Summer 2006

- taught the courses: Digital Communications and Digital Logic
- directed and was in charge for the labs: Digital Logic Design and Electronics

Iran University of Science and Technology, Tehran, Iran

Graduate Student

Fall 2003 to Fall 2005

- M.S. research and course work
- worked as a research assistant and conducted research in adaptive modulation/coding for cellular systems

Teaching Assistant

Fall 2004 to Fall 2005

- recitation and grading for the course Communication Systems I

K. N. Toosi University of Technology, Tehran, Iran

Undergraduate Student

Fall 1999 to Summer 2003

- conducted research in the area of Space-Time Coding for the senior project

Grader

Fall 2002

- graded the assignments and projects in the course Signals and Systems

INTERNSHIP

Iran Telecom. Research Center (ITRC), Tehran, Iran

Summer 2002

- worked in Mobile Communications Group and did research and simulations in CDMA and IS-95 cellular standard

PUBLICATIONS

A. Babaei and B. Jabbari, "Distance Distribution of Bivariate Poisson Network Nodes," Submitted to *IEEE Communications Letters*.

A. Babaei and B. Jabbari, "Interference Modeling and Coexistence Strategies in Cognitive Wireless Networks," Submitted to *IEEE Transactions on Wireless Communications*.

A. Babaei and B. Jabbari, "Optimization of Throughput in Cognitive Random Wireless Ad hoc Networks," Submitted to *IEEE Globecom 2010*.

A. Babaei, B. Jabbari, "Bounds for Single-hop Shannon Capacity in Random Wireless Ad hoc Networks," Preparing for submission.

A. Babaei and B. Jabbari, "Transmission Probability Control Game for Coexisting Random ALOHA Wireless Networks in Unlicensed Bands," to appear in *Proceedings of IEEE VTC'10-Spring* to be held at Taipei, Taiwan, May 2010.

A. Babaei and B. Jabbari, "Interference Modeling and Avoidance in Spectrum Underlay Cognitive Wireless Networks," to appear in *Proceedings of IEEE ICC'10* to be held at Capetown, South Africa, May 2010.

A. Babaei and B. Jabbari, “Internodal Distance Distribution and Power Control for Coexisting Radio Networks,” Proceedings of *IEEE Global Communications Conference-Globecom 2008*.

A. Babaei, B. Abolhassani, M. I. Yousefi and N. Sadati, “A Cutting Plane Optimization Algorithm for Intra-cell Link Adaptation Problem,” Proceedings of *IEEE 16th International Symposium on Personal, Indoor and Mobile Radio Communications- PIMRC 2005*.

A. Babaei and B. Abolhassani, “A New Iterative Algorithm for power and Modulation Adaptation in Cellular Systems,” Proceedings of *Second IFIP International Conference on Wireless and Optical Communications Networks- WOCN 2005*.

B. Abolhassani and A. Babaei, “Capacity Enhancement of Wireless Networks using Adaptive Modulation/Coding,” Proceedings of *IEEE GCC 2004*.

PROFESSIONAL ACTIVITIES

- Guest editor for Aug. 2010 special issue of *IEEE Wireless Communication Magazine* in *Dynamic Spectrum Management*
- Served as TPC member for the HSPR'09 conference.
- Served as reviewer for the GlobeCom'08, ICCSC'08, HSPR'09 and QBSC'10 conferences.

Bliss Norton Bailey

EXPERIENCE

Director of Campus Networking
Office of Information Technology
Auburn University, AL 36849
September 2001 to Present

Responsibilities include management of the Auburn University Campus Network, University Network Security, Network-related customer support, and strategic planning for network infrastructure. The Campus Network includes both wired and wireless network infrastructure, at on-campus and off-site locations. Remote access for faculty and staff is provided via dial-up and VPN services. The Network Security team is responsible for managing campus firewalls, intrusion detection & prevention systems, and VPN services; conducting network security audits; managing security incidents; and generating awareness of security threats to the campus community. Infrastructure planning and upgrade management includes the total rewiring of many of the campus buildings, and the complete redesign and rebuild of the campus fiber infrastructure. Special projects such as developing secure, authenticated wireless access and providing network access to on-campus housing also comprise a significant portion of the job. (Richard Burnett, Executive Director of the Office of Information Technology. Phone: 334-844-3500)

Campus Network Administrator
Campus Telecommunications/ETV
Auburn University, AL 36849
September 1996 to September 2001

Duties consisted of the management of the Auburn University Campus network, known as AUNet. AUNet consists of 8,000 nodes on a multi-protocol network reaching over 150 buildings and numerous remote sites. Additional duties include the design, construction, implementation and continued maintenance of ResNet, the 3,300 connection residential network that is used to provide ethernet connectivity to the on-campus residents of Auburn University on a subscription basis. (Jim Stone, former Executive Director of the Office of Information Technology. Phone: 334-821-3598)

Lead Systems Programmer
Division of University Computing
Auburn University, AL 36849
September, 1992 to September 1996

Duties consisted primarily of the administration of multi-user UNIX-based systems. These SUN servers and workstations were used on a University-wide basis for course instruction, e-mail, Usenet News distribution, and various research projects. Also manages Sun workstations and servers used for research purposes within the Department of Physics and the School of Forestry. (Gene Stewart, Manager. Phone: 334-844-4512)

Computing Support Specialist
Division of University Computing
Auburn University, AL 36849
September, 1989 to September, 1992

Provided direct user support for University personnel in the use of common desktop software. Conducted short courses and workshops designed to instruct faculty and staff in the use of computing and networking resources. Experience also included the installation of public-access computing labs, the configuration of microcomputer-based office automation systems for University departments, and providing support for users by providing technical consultation regarding the purchase of hardware and software. (Gene Stewart, Manager. Phone: 334-844-4512)

EDUCATION & TRAINING

2004 – Completed the Frye Institute - a program designed for those in higher education who aspire to more significant leadership roles, including disciplinary faculty, librarians, information technology professionals, and administrators.

2003 – Completed the Educause Leadership Institute – a program designed for individuals who occupy or aspire to senior level positions in higher education information technology organizations.

Education and training while working as the campus network administrator include courses in Cisco Router configuration, LAN Switching systems, and ATM network design and configuration.

Education and training while working as a system administrator included a number of professional development courses and workshops covering a variety of topics including the following: Internetworking Novell LAN's; 1991 NetWorld tutorials and exhibition; 1992 InterOp tutorials covering TCP/IP Communications and the X.500 White Pages System; 1993 USENIX Large Installation System Administration Conference; 1995 USENIX general conference; 1996 SANS System and Network Security Conference and tutorials, and Sun System Administration training for SunOS 4.X and Solaris 2.X.

Awarded a Master of Management Information Systems degree from Auburn University in August of 1990.

Awarded a Bachelor of Science degree in Business, specializing in Hotel, Restaurant, and Tourism Administration from the University of New Orleans in May of 1987.

PROJECTS AND ACCOMPLISHMENTS

2005 - Present – Manage the client-side portion of the design and construction of a new OIT building for Auburn University. The 65,000 square foot facility will contain office space for 130 IT Specialists and a 5,000+ square foot data center containing the University's core administrative systems, learning management infrastructure, data storage facilities, and academic and research systems. The building is currently under construction, with completion expected in February of 2011.

2004 - 2007 – Managed the design and implementation of the updated campus fiber backbone of Auburn University, including redundant fiber links to over one hundred buildings, and an advanced switching architecture designed to maximize throughput and reliability.

2004 - 2007 – Managed the design and upgrade of data cabling and switching equipment in 54 buildings across the Auburn University campus with a minimum of disruption and at minimal cost.

1999 - 2004 – Managed the design and implementation of a wide-area network connecting 40 remote offices and locations throughout the state of Alabama to Auburn University.

2001 – Traveled to Vietnam as a consultant with the South-East Consortium for International Development (SECID). I worked with IT staff at Vietnam National University in Ho Chi Minh City to review the network design they were to submit as part of a World Bank grant proposal. The funding was successfully obtained.

1999 – Selected as a member of the core team in the 1999 “IBM Study” of information technology services and governance at Auburn University.

KIMBERLY BRAXTON LLOYD, PharmD

Auburn University: Pharmacy Health Services Harrison School of Pharmacy AU Pharmaceutical Care Center #2155D Walker Building Auburn, AL 36849-5506 Phone: (334) 844-4099 FAX: (334) 844-4019 E-mail : aupcc4u@auburn.edu E-mail: lloydkb@auburn.edu	AUHSOP Montgomery Campus: State Employee's Insurance Board (SEIB) SEIB Health and Wellness Center (SEIB Employee Pharmacy and Pharmaceutical Care Center) 201 South Union Street, Suite 200 Montgomery, AL 36104	Home: 
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PROFESSIONAL OBJECTIVE

Develop and implement a pharmaceutical care service for the employees of Auburn University and utilize this service to provide quality pharmaceutical care for the Auburn University community and professional training for Auburn University Harrison School of Pharmacy (AUHSOP) students. Develop this program into a model workplace free standing pharmaceutical care program that could be implemented in various industrial, governmental, and community settings. Conduct research on the provision of pharmaceutical care services to beneficiaries of self-insured health benefit plans with a goal of demonstrating the value of medication therapy management services (MTMS). Develop expertise in the field of women's health and endocrine pharmacotherapy. Work to improve the education of pharmacy students concerning women's health issues and be an advocate for women's health in the State of Alabama and the United States.

EDUCATION & PROFESSIONAL TRAINING

Academic Leadership Fellows Program (ALFP)

American Association of Colleges of Pharmacy
Alexandria, Virginia
August 2007- July 2008

Pharmacoeconomics Research Fellowship

University of South Carolina College of Pharmacy and GlaxoWellcome, Inc.
Year 1- Columbia, South Carolina
Year 2- Research Triangle Park, North Carolina
July 1996 - June 1998

Pharmacy Practice Residency- ASHP Accredited

The Medical Center
Columbus, Georgia
July 1995 - June 1996

Doctor of Pharmacy

Auburn University School of Pharmacy
Auburn, Alabama
Summa Cum Laude
June 1995

Bachelor of Science in Pharmacy

Auburn University School of Pharmacy
Auburn, Alabama

Summa Cum Laude
May 1994

Bachelor of Arts in Chemistry
Major Chemistry / Minor Biology
Huntingdon College
Montgomery, Alabama
Cum Laude
May 1989

PROFESSIONAL EMPLOYMENT

Assistant Dean For Pharmacy Health Services	Auburn University Harrison School of Pharmacy Pharmacy Health Services Division Auburn, AL January 2009 to Present
Pharmacy Officer	Auburn University Department of Payroll and Employee Benefits Auburn, AL September 2008 to Present
Associate Professor With Tenure	Auburn University Harrison School of Pharmacy Department of Pharmacy Practice Auburn, Alabama August 2004 to Present
Clinical Director	Auburn University Pharmaceutical Care Center Auburn University School of Pharmacy Auburn, Alabama September 1998 to Present (Founding Director)
Clinical Pharmacist	The Medical Center Department of Pharmacy Services Columbus, Georgia July 1996 to Present (Part Time)
Assistant Professor	Auburn University Harrison School of Pharmacy Department of Pharmacy Practice Auburn, Alabama September 1998 to August 2004
Chemist	Roy F. Weston Air Quality Department Auburn, Alabama August 1991 to September 1995
Associate Chemist	CH ₂ M Hill Laboratory Services Montgomery, Alabama May 1989 to August 1991

PROFESSIONAL CONSULTING

Meeting Programming Associate (MPA)

American Society of Health-System Pharmacists Educational Services Division
2007 Midyear Clinical Meeting
June 2007 through Present

Professional Consultant

Sanofi-Aventis Multidisciplinary Advisory Board
Respiratory Division
April 2007 to Present

Multidisciplinary Steering Committee (Chairperson 2005-2009)

Alabama Department of Public Health
Office of Women's Health
June 2001 through Present

Professional Consultant

Aventis Multidisciplinary Advisory Board
Infectious Disease Division- Pharmacoeconomics
2002 to 2006

LICENSURE AND CERTIFICATION

American Pharmacists Association

Pharmacy-Based Immunization Delivery Certificate (2003, 2005)
Certified Immunization Delivery Train-the-Trainer (2005)
Certificate (CPN) # 202-0007

Georgia Board of Pharmacy

Pharmacy Licensure, 1995 to Present
License #18503

Alabama Board of Pharmacy

Licensed Preceptor, 2000 to Present
Pharmacy Licensure, 1995 to Present
License #13099

HONORS AND AWARDS

- | | |
|---------------|---|
| March 2010 | 2010 Women of Distinction Faculty Award
Auburn University Women's Resource Center
Auburn University, AL |
| February 2010 | 2010 APhA Wiederholt Prize
For the Best Published Paper in Economic, Social, and Administrative Sciences
in 2009 (co-author)
American Pharmacists Association
Washington, DC |
| December 2009 | 2009 Alabama Office of Women's Health Award
For Outstanding and Dedicated Service to Women's Health in Alabama
Alabama Department of Public Health
Montgomery, AL |

July 2009 **2009 Alabama Pharmacy Association Faculty Member of the Year Award**
Alabama Pharmacy Association
Montgomery, AL

December 2007 ***Phi Kapp Phi* Honor Society**
Auburn University, AL

December 2007 **2007 Alabama Office of Women's Health Award**
For continued support and contribution to the Office of Women's Health
Alabama Department of Public Health
Montgomery, AL

March 2007 **2007 Auburn University Harrison School of Pharmacy (HSOP) Spirit of
HSOP Award,**
Awarded to the Auburn University Pharmaceutical Care Center (AUPCC)
Auburn University, AL

March 2007 **2007 Academy of Student's of Pharmacy (ASP) Faculty Appreciation Award**
Auburn University School of Pharmacy
Auburn, AL

January 2006 **Selected as Chairperson** (2006-2010, 2 terms)
Office of Women's Health Steering Committee
Alabama Department of Public Health
Montgomery, AL

December 2005 **2005 Alabama Office of Women's Health Award**
For contribution to the 2005 women's health campaign to combat obesity in AL.
Alabama Department of Public Health
Montgomery, AL

July 2005 **2005 Distinguished Young Pharmacist Award**
Alabama Pharmacy Association
Montgomery, AL

July 2002 **2002 Innovative Pharmacy Practitioner of the Year Award**
Alabama Pharmacy Association
Montgomery, AL

March 2001 **2001 Hargreaves Mentor of the Year Award**
Auburn University School of Pharmacy
Auburn, AL

June 2000 **Secretary's Award for Innovations in Health Promotion and Disease
Prevention 2000**
Department of Health and Human Services
Washington, DC
Third Place, Interdisciplinary Category
Awarded to: Delila Cuthriell and Pat Davis
Mentors: Kimberly Braxton Lloyd and Charlie Hendrix

1992-1995 **Auburn University School of Pharmacy Student Awards**
Auburn University School of Pharmacy Student of the Year (1995)
Inducted into *Rho Chi* Honor Society, Zeta Chapter (1994)
Inducted into *Phi Lambda Sigma* Honor Society (1994)

Medicinal Chemistry Award (1993)
Facts and Comparisons Pharmacology Award (1993)
Phi Kappa Phi First Professional Year Award (1992)

1986-1989

Huntingdon College Student Awards

Alpha Beta Honor Society (1989)

OUTREACH

Start Date:	End Date:	Outreach Description:
Nov 2008	Ongoing	<p><u>Developed and implemented TigerMeds®</u> A pharmacy benefit extended through the Auburn University health insurance plan to enhance the healthcare benefit offered to the Auburn University self-insured employee population. Through this program pharmacists work with patients to ensure the use of the most cost-effective medications to achieve the desired therapeutic outcomes, and to evaluate and monitor pharmacotherapy outcomes.</p> <p>Outcomes: Saved Auburn University over \$1,000,000.00 in medication costs in the first year of implementation due to the increased use of cost-effective generic medications and due to the purchasing power of a state pharmaceutical contract. This plan also saved the employees over \$250,000.00 for out-of-pocket medication costs during the first year. For more information on this outreach activity see www.auburn.edu/tigermeds.</p> <p>Role: Developed the TigerMeds® proforma; conducted return on investment calculations with sensitivity analysis; presented concept to the Executive Director of Employee Benefits and the Executive Vice President and Chief Financial Officer of Auburn University; provided oversight for every stage of project implementation; met with BCBS to identify changes in programming needed for TigerMeds® implementation; developed marketing materials; provided outcomes monitoring and ongoing data analysis; monitored contract pricing and made decisions concerning contracts and rebates; restructured the division of Pharmacy Health Services to improve efficiency of the division and maximize savings.</p>
Sep 2008	Ongoing	<p><u>Extended AU Pharmacy Health Services to serve the State Employee Insurance Board (SEIB).</u> Opened a Harrison School of Pharmacy, Montgomery campus that includes an SEIB Employee Pharmacy, an SEIB Pharmaceutical Care Center, an SEIB acute care nurse practitioner medical practice, and a pharmacy school satellite campus for introductory and advanced pharmacy practice experience training.</p> <p>Outcomes: The AU-SEIB interstate agency agreement is currently under review and should be executed by April 1, 2010. The practice site is scheduled to open June 1, 2010.</p> <p>Role: Served as primary representative of the HSOP administration in all discussions, negotiations, and planning with the SEIB executives; developed the SEIB Health and Wellness Center proforma; developed the business plan; outlined a budget; calculated return on investment calculations for the practice site; made presentations to SEIB's Chief Executive Officer (CEO), Chief Operations Officer (COO); Chief Financial Officer (CFO); General Counsel; and</p>

IT Lead. Met weekly with this administrative team over 24 months; worked with the architect to plan the renovation of the space that will house the Health and Wellness Center; designed the pharmacy, clinic, and student education areas; selected furnishings, equipment, hardware, and software for the location; represented Auburn in the development of the interagency agreement; helped outline responsibilities of each party; coordinated the hiring of all human resources for the project; coordinated the experiential education scheduling with HSOP Department of Experiential Education; recruited pharmacists, technicians, receptionists, and the nurse practitioner to work in the center; will provide administrative oversight for all aspects of the project and will be the administrator in charge of the Health and Wellness Center daily operations; Worked with SEIB administrators to create, test, and validate a reimbursement model that can be expanded to every pharmacy setting in the state.

Oct 2008 Ongoing

Contributed to the Auburn University Healthy Tiger’s health and wellness initiative. Developed a health risk assessment plan and presented it to AU Executive Vice President, Associate Vice President for Business and Finance, the Executive Director of Payroll and Employee Benefits. Helped maintain the “Healthy Tigers” website throughout the year to provide content, updates, and information.

Outcomes: Health and wellness plan is currently under consideration.

Role: Primary author of the health and wellness plan; health and wellness advocate and spokesperson, pharmacy officer for the university.

Oct 2009 Jan 2010

Coordinated the Harrison School of Pharmacy H1N1 service project. Coordinated the largest service project that has ever been offered to the community through the Auburn University Harrison School of Pharmacy. Faculty, staff, students, and other volunteers worked with other units on campus to provide the H₁N₁ vaccine free of charge to all members of the AU family, including students, employees, dependents, contractors, and retirees.



Outcomes: Almost 6,000 doses were given during a 3 month period in the Fall of 2009. The final value of this service project was \$125,000 and saved the Auburn University Insurance Fund over \$40,000.00 due to the numbers of employees, dependents, and retirees that were served during October through December 2009. See

http://www.auburn.edu/administration/public_safety/emergency/flu.html

Role: Served as primary coordinator for the Harrison School of Pharmacy when interfacing with the Department of Public Safety and Emergency Management and the Auburn University Medical Clinic (AUMC); Provided consultation to AU administration concerning financial aspects of the project; rallied the HSOP faculty, residents, and students to serve in providing patient care to the AU family; coordinated clinical training of students; served as the HSOP spokesperson for the project; conducted financial calculations for AU administration; provided a final report.

Jan
2008

May 9,
2009

Provided leadership for the development and implementation of the first annual Alabama Office of Women's Health 5K run and 1 mile mother-daughter walk which was designed to increase awareness of the national women's health week; to increase visibility of the Alabama Office of Women's Health; to increase the awareness among women in the state of the importance of women's health screenings; and to provide a venue for families to celebrate the health of the women in their lives on Mother's Day weekend. The theme of the event was "Women on the Move to Improve Women's Health". St. Vincent's Healthcare System; Birmingham, AL; Saturday, May 9, 2009.



Outcomes: Over 100 people registered for the run / walk. The event was covered by Birmingham radio and television stations, and was highlighted on the National Office of Women's Health website for events being conducted around the nation to support Women's Health week.

Role: Served as Chair of the Alabama Office of Women's Health Steering Committee while this event was being developed; served as co-chair of the planning subcommittee for this event; met with representatives of running clubs and race coordinators; assisted with identifying the location of the run, identifying the course, obtaining parade permits, developing the registration forms, obtaining police and emergency medical support for the event; promoting the event; soliciting prizes; securing sponsors; obtaining donations of food and water; planning the women's health screenings; planning the awards ceremony; securing the photographer; speaking during the awards ceremony.

April
2008

Nov
2008

Contributed to the planning and implementation of the first annual Office of Women's Health Symposium for the continuing education of Alabama nurses and pharmacists on important women's health issues.

Outcomes: Over 70 nurses registered for the first symposium which was held in Nov 2008, and over 100 nurses and pharmacists registered for the second symposium which was held in April of 2009. The Alabama Office of Women's Health raised over \$10,000.00 to sustain the OWH through these two events.

Role: Served as Chair of the Office of Women's Health Steering Committee and the co-chair for the sub-committee that planned this event; Served as a speaker and provided 3 hours of the continuing education that was offered at these conferences; Coordinated the continuing education credits for pharmacists through the Auburn HSOP Office of Postgraduate Education; obtained a grant from Proctor and Gamble to support each event (\$3,000.00), and assisted with coordinating the catering for each event; planned and implemented a silent auction for the second symposium that raised over \$500.00 in additional revenue for the Office of Women's Health).

Jan
2007

July
2009

Provided leadership for the Office of Women's Health Steering Committee's "Healthy Women's" car tag campaign. Provided oversight and leadership as the OWH designed a "Healthy Women" car tag and sought Department of Transportation approval for the car tag. Participated in a campaign to secure 1,000 commitments in order to bring the tag to press with a goal of obtaining sustainable funding for the Alabama Office of Women's Health.



Outcomes: The tag was designed, approved, and promoted. The 1,000

commitments were not secured by the 1 year deadline enforced by the Department of Transportation. The application is being re-submitted in 2010.

Role: Served as Chair of the Office of Women's Health Steering Committee and co-chair for the tag sub-committee; assisted with DOT application; participated in the design process; promoted the tag in the Lee county region; served as OWH contact person for the campaign.

RESEARCH

Non-Funded Research

Lloyd KB, Hornsby L, Donaldson A, Stamm PL, Cawood HJ, French J, Boulware K. Evaluation of the impact of short-term medroxyprogesterone acetate (DepoProvera®) use on the bone mineral density of young adult females. Status as of 9/2007= data collection in progress.

Lloyd KB, Coker N, Grandjean P, Araya F, Sharp W. Assessment of bone mineral density and osteoporosis risk among young, pre-menopausal women: a collaborative assessment and intervention by pharmacists and certified fitness instructors. Status as of 3/2007= IRB approval received, data collection in progress.

Extramural Grants and Contracts Efforts and Achievements

Krueger KP, **Lloyd KB**, Berger BA, Darnell J, Stamm PL, Kelley K, Thrower MR, Taylor CT, et al. Evaluating the Impact of Pharmaceutical Care Services on the total Public Education Employees Health Insurance Program (PEEHIP) Healthcare Costs and Clinical Outcomes. \$500,000. Funded.

Craven K, Hunt RW, **Lloyd KB**. Institute for Healthcare Leadership and Harrison School of Pharmacy. Integrating group physician and pharmacy visits into a diabetes education class. Diabetes Grant Program. \$18,500; submitted October 2001, not funded.

Stockton H, **Lloyd KB**, Hunt RW, O'Brien J, Stamm PL. Institute for Healthcare Leadership and Auburn University School of Pharmacy. Are primary care physicians and dentists in the Columbus region assessing their patients' smoking status? Department of Community Health, West Central Georgia Health District, Communities of Excellence Fast Track Grant Program; \$18,500; submitted April 4, 2001. Funded.

Ravis WR, Stokes T, Ledbetter S, Bell L, **Lloyd KB**. Clinical protocol to evaluate the single and multiple dose pharmacokinetics of eplerenone (SC-66110) in subjects with and without renal impairment. G.D. Searle and Company; requested \$374,000, November 2000. Funded.

Berger BA, **Lloyd KB**. Communicating with the allergic rhinitis patient, a guide for pharmacists. Schering. Requested \$10,750; funded \$10,750 December 1999. Funded.

Lloyd KB, Krueger KP, Chestnutt L, DuRant C. Evaluation of the costs associated with the management of adverse drug effects in the acute care setting. Research Institute of the American College of Clinical Pharmacy, 1999 Research Awards; requested \$8,592.00, February 1999; not funded.

Krueger KP, **Lloyd KB**, Duty LC, Buring SM, Brackett PD. Assessing the predictive ability of a literature-based and practice based decision analytic model in a primary care clinic. Research Institute of the American College of Clinical Pharmacy, 1999 Research Awards; requested \$8,542.00, February 1999; not funded.

Schulz R, **Lloyd KB**, Watson H. Evaluation of the validity and responsiveness of the Functional Status IIR instrument for monitoring pediatric asthma. Glaxo Wellcome, Inc; requested \$30,542; funded \$30,542

November 1998.

Intramural Grant Efforts and Achievements:

Lloyd KB. AUPCC Primary Care and Community Pharmacy Specialty Residency Program. Auburn University School of Pharmacy and Auburn University Student Pharmacy, Auburn, Alabama. Requested \$38,000; June 2007; funded.

Lloyd KB. Providing osteoporosis screening services to the Auburn University community. (Funding for second Lunar Achilles Express Ultrasound instrument). Funding Source= Auburn University Concessions Board. \$15,000. Funded. November 2005.

Lloyd KB, Johnson M. Asthma Initiative for Alabama: a collaborative effort of Auburn University's Harrison School of Pharmacy and the Alabama Cooperative Extension Service. Auburn University Environmental Institute (AUEI) Small Competitive Grants Program. Requested \$40,000; December 2001, not funded.

Lloyd KB, Buring SM. Drug information and applied pharmacoeconomics specialty residency program. Auburn University School of Pharmacy and Auburn University Student Pharmacy, Auburn, Alabama. Requested \$30,000; November 1999; funded.

Lloyd KB, Krueger KP. Evaluating the cardiovascular risk of Auburn University employees and dependents. Auburn University Office of Research, Small Equipment Proposal; requested \$2,411, with a \$1,411 match from the Auburn University School of Pharmacy, for a total of \$3,822, December 1999; not funded.

Unrestricted Gifts Efforts and Achievements

Lloyd KB. Osteoporosis website development to increase awareness of osteoporosis in the State of Alabama. Proctor and Gamble. \$5,000 funded, Jun 2004.

Lloyd KB. AUPCC Obesity Management Program; Walgreens; requested \$2,500 for equipment, April 2001.

Lloyd KB. AUPCC Healthy Habits Program; Genesis Medical Supply; requested \$3,500 Cardiovision instrument, April 2000; not funded.

Lloyd KB. AUPCC Osteoporosis Screening Program; Wyeth Ayerst; requested \$13,500 towards a Lunar Achilles Express Bone Densitometer instrument; funded \$4,000, January 2000.

Lloyd KB. AUPCC Program; Walgreen Pharmacy; requested \$3,000 for computer equipment for the AUPCC reception area, January 2000; funded \$3,000, April 2000.

Lloyd KB, Jungnickle P. PSS Speaker on Menopause and Hormone Replacement Therapy; Wyeth Ayerst; requested \$1,000 to sponsor Ricardo Azziz, M.D. to speak to at the AUSOP; funded \$1000, March 2000.

Lloyd KB, Jungnickle P. PSS Speaker on Osteoporosis; Hoechst Marion Rousell; requested \$1,750 to sponsor Sarah Morgan, M.D. and Beth Kitchen, R.D. to speak to at the AUSOP; funded \$1750, January 2000.

Lloyd KB. AUPCC Osteoporosis Screening Program; Hanson Medical; requested \$4,000 towards a Lunar Achilles Express Bone Densitometer instrument; funded \$4,000, November 1999.

Lloyd KB. AUPCC Asthma Program; Simplicity; requested Simplicity spirometer; donated \$500 instrument; December 1999.

Lloyd KB. AUPCC Cholesterol Screening Program; Pfizer; requested \$1,500 for Cholestech instrument; funded \$1,500, November 1999.

Lloyd KB. AUPCC Cholesterol Screening Program; Cholestech; requested Cholestech instrument; donated \$1,500 instrument, November 1999.

Lloyd KB. AUPCC Obesity Management Program; Tanita; requested Tanita-300 BF scale and body composition analyzer; donated \$2,000 instrument, October 1999.

SCHOLARLY ACHIEVEMENTS

Book Chapters:

Lloyd KB, Kraus CK. Nutrition and Eating Disorders, in Hansen L, O'Connell MB, Smith J, Calis K (eds). Women's health across the lifespan: A pharmacotherapeutic approach. American Society of Health Systems Pharmacists, Bethesda, MD, 1st edition, March 2010.

Lloyd KB, Berger BA. Communicating on sensitive topics, in Berger BA. Communication skills for pharmacists: building relationships, improving patient care. American Pharmacists Association, Washington, DC, 3rd edition, 2009.

National Peer Reviewed Publications:

Lloyd KB, Hornsby LB. Complementary and alternative medications for women's health issues. *Nutrition in Clinical Practice.* 24(5):589-608, 2009 Oct-Nov.

Flynn EA, Barker KN, Berger BA, Lloyd KB, Brackett PD. Dispensing errors and counseling quality in 100 pharmacies. *Journal of the American Pharmacists Association: JAPhA.* 49(2):171-80, 2009 Mar-Apr.

Scolaro KL, **Lloyd KB,** Helms K. Devices for ambulatory and home monitoring of women's health.. *Am J Health-Syst Pharm* 2008 Feb 65(4):299-314.

Lloyd KB. Calcium supplementation for osteoporosis. *Pharm Times,* 2007 March, 88-92.

Bell EC, Ravis WR, **Lloyd KB,** Stokes TJ. Effects of St. John's Wort supplementation on ibuprofen pharmacokinetics. *Ann Pharmacother* 2007 Feb;41(2):229-234. Epub 2007 Feb 6. (DOI 10.1345/aph.1H602)

Lloyd KB, Thrower RM, Walters NB, Krueger KP, Stamm PL, Evans RL. Implementation of a weight management pharmaceutical care service. *Ann Pharmacother* 2007 Feb ;41(2):185-192. Epub 2007 Feb 6. (DOI 10.1345/aph.1E466)

Scolaro KL, Stamm PL, **Lloyd KB.** Devices for ambulatory and home monitoring of blood pressure, lipids, coagulation, and weight management, part 2. *Am J Health Syst Pharm* 2005 Sept 15;62(18):1894-1903.

Scolaro KL, Stamm PL, **Lloyd KB.** Devices for ambulatory and home monitoring of blood pressure, lipids, coagulation, and weight management, part 1. *Am J Health Syst Pharm* 2005 Sept 1;62(17):1802-1812.

Eichner SF, **Lloyd KB,** Timpe EM. Comparing therapies for postmenopausal osteoporosis prevention and treatment. *Ann Pharmacother* 2003 May;37(5):711-724. (DOI 10.1345/aph.1C246)

Lloyd KB, Fanning KD, Boothby L. Postmenopausal hormone replacement therapy and cardiovascular disease. *P&T.* 2002 Oct;27(10):488-92. Epub 2002 Oct.

Fanning KD, **Lloyd KB**. Current pharmacological treatment options for prostate cancer. *P&T*. 2002 Oct;27(10):500-4. Epub 2002 Oct.

Lloyd KB, Krueger KP, Moore R, Walters NB, Eichner SF, Fanning K. Impact of a workplace health and wellness pharmaceutical care service on the weight and obesity classification of employees. *J Am Pharm Assoc* 2002 Jan-Feb;42(1):118-120.

Cuthriell DA, Davis P, **Lloyd KB**, Hendrix CM. The letter in the litter: A public information pamphlet to reduce the incidence of *toxoplasma gondii* in pregnant women and children. *National Academies of Practice Forum*. 2000 April;2(4): 283-7.

International and National Peer Reviewed Monographs and Other Creative Work:

Lloyd KB, Naclerio RM. Strategies for Managing Nasal Congestion. American Council on Pharmaceutical Education (ACPE) Program. 2.0 hours (0.20 CEUs). Power Pak C.E., Bloomfield, NJ. January 2008.

Lloyd KB. Use of antitussives and expectorants as adjunctive therapy for bronchial conditions. American Council on Pharmaceutical Education (ACPE). Program. 2.0 hours (0.20 CEUs). Power Pak C.E., Bloomfield, NJ. October 2005.

Lloyd KB. Perspectives in women's health: hormone replacement therapy. In Supernaw RB, editor. Perspectives in Pharmaceutical Care. Weatherford, Oklahoma: Pharmat Inc, April 2005. 4.0 hours (0.4 CEUs) .

Lynch JD, **Lloyd KB**. Diagnosis and treatment options for allergic rhinitis, a guide for pharmacists. American Council on Pharmaceutical Education (ACPE) 2- part program, part one. Program #204-000-04-406-H01. 2.5 hours (0.25 CEUs). ASHP Advantage; Bethesda, MD. May 2004.

Lloyd KB. Practical approaches for the patient with allergic rhinitis. American Council on Pharmaceutical Education (ACPE) 2- part program, part two. Program #204-000-04-406-H01. 2.5 hours (0.25 CEUs). ASHP Advantage; Bethesda, MD. May 2004.

Berger BA, **Lloyd KB**. Compliance and communication considerations in preventing and treating osteoporosis: a guide for pharmacists. American Council on Pharmaceutical Education (ACPE). Program #245-000-03-011-H01. 2.0 hours (0.20 CEUs). Creative Educational Concepts, Inc.; Lexington, KY. June 2003.

Berger BA, **Lloyd KB**. Improving outcomes in allergic rhinitis through patient-focused care: a guide for pharmacists.(Video Companion Workbook). Canadian Council on Continuing Education in Pharmacy file number 620-0300. Communimed; Westmount, Quebec, April 2000.

National Invited Publications- Non-Peer Reviewed:

Lloyd KB, Berger BA. Communication concerning sensitive issues: fibromyalgia. *US Pharm* 2007 September;32(9):49-55. Epub 2007 September

Lloyd KB, Berger BA. Focus on Communication: Talking with patients about generic medications. *US Pharm* 2007 June;32(6):49-55. Epub 2007 June

Lloyd KB, Berger BA. Communication concerning sensitive issues: psoriasis *US Pharm* 2007 April;32(4):49-55. Epub 2007 April 17.

Lloyd KB, Berger BA. Communication concerning sensitive issues: coronary heart disease. *US Pharm* 2007 Feb; 32(2):72-75. Epub 2007 Feb 20.

Lloyd KB, Berger BA. Communication concerning sensitive issues: counseling on menopause. *US Pharm* 2007 Jan;32(1):73-76. Epub 2007 Jan 23.

Lloyd KB, Berger BA. Communication concerning sensitive issues: the depressed patient. *US Pharm* 2006 Nov;31(11):62-68. Epub 2006 Nov 22.

Berger BA, **Lloyd KB**. Communication concerning sensitive issues: counseling on erectile dysfunction. *US Pharm* 2006 August;31(8):96-102. Epub 2006 Aug 25.

Berger BA, **Lloyd KB**. Communicating with the allergic rhinitis patient- part 4, case scenarios. *US Pharm*. 2002 Feb;28(2) 38-48. Epub 2003 Feb 15.

Lloyd KB, Berger BA. Communicating with the allergic rhinitis patient- part 3, patient education. *US Pharm*. 2002 Oct;27(10):38-48. Epub 2002 Oct 15.

Lloyd KB, Berger BA. Communicating with the allergic rhinitis patient- part 2, pharmacotherapy. *US Pharm*. 2002 Aug;27(8):38-48.

Lloyd KB, Berger BA. Communicating with the allergic rhinitis patient- part 1, disease overview. *US Pharm* 2002 July; 27(7):38-47.

Lloyd KB, Boothby L, Berger BA. Communicating Pharmacy and Therapeutics Committee Decisions with the Medical Staff. *US Pharm*. 2002 May;27(5):HS30-39.

Berger BA, Hudmon KS, **Lloyd KB**. The pharmacist's role in smoking cessation, part 6- bringing it all together. *US Pharm* 2002 Feb;27(2):32-38.

Lloyd KB, Hudmon KS, Berger BA. The pharmacist's role in smoking cessation, part 5- selecting pharmacotherapy. *US Pharm* 2002 Jan;27(1): 57-62.

Berger BA, Hudmon KS, **Lloyd KB**. The pharmacist's role in smoking cessation, part 4- dependency, feelings, and temptations. *US Pharm* 200 Nov1;26(11):56-62.

Berger BA, Hudmon KS, **Lloyd KB**. The pharmacist's role in smoking cessation, part 3- assessing readiness to quit. *US Pharm* 2001 Sept;26(9):56-62.

Berger BA, **Lloyd KB**, Hudmon KS. The pharmacist's role in smoking cessation, part 2- key concepts. *US Pharm* 2001 July;26(7):56-62.

Berger BA, **Lloyd KB**, Hudmon KS. The pharmacist's role in smoking cessation, part 1- getting started. *US Pharm* 2001 May;26(5): 57-62.

National Peer Reviewed Abstracts:

Scolaro KL, Stamm PL, **Lloyd KB**. Does patient adherence to pharmacists' recommendations for osteoporosis prevention differ by screening setting? *J Am Pharm Assoc* 2004 Dec: Suppl.

Lloyd KB, Buring SB, Krueger JL, Fanning KF, Taylor CT. Increasing awareness of non-traditional women's health issues through an innovative, interactive women's health elective. *Am J Pharm Educ* 2002; 66:84S.

Lloyd KB, Smith RE, Rigsby P, Krueger KP, Evans RL. Changing an academic and healthcare culture with the implementation of the Auburn University Pharmaceutical Care Center (Abstract). *Am J Pharm Educ*. 2000; 64(Winter Supplement):127S.

Krueger KP, **Lloyd KB**. Teaching students the process of obtaining reimbursement for pharmaceutical care services (Abstract). *Am J Pharm Educ* 1999; 63(Winter Supplement):81S.

Chua WQ, Young TL, **Lloyd KB**, Sullivan SD. Smoking related costs in the United States (Abstract). *Value in Health* 1998;1(1): 27.

Lloyd KB, Lee JT, Strassels S. Relative effects of fellowship training on career path, job satisfaction and burnout, and quality of life (Abstract) *Pharmacotherapy* 1998;18(2):430.

Lloyd KB, Smith ST, Liss JP. Assessing the impact of a pharmacy-directed asthma self-management program. (Abstract). *Pharmacotherapy* 1997;17(1):64.

Poster Presentations (* - presenter): National

Scolaro KL*, Stamm PL, **Lloyd KB**. Does patient adherence to pharmacists' recommendations for osteoporosis prevention differ by screening setting? Poster Presentation. 2004 American Pharmaceutical Association Meeting, Seattle, Washington, March 2004.

Bell E*, **Lloyd KB**, Owen J, Stokes T, Ravis WR. Investigation of St. John's Wort effects on the pharmacokinetics of prednisone and metabolic prednisolone in humans. Poster Presentation. Association of Pharmaceutical Scientist Meeting, Fall 2004.

Lloyd KB, Krueger KP, Smith RE*, Buring SM, Evans RE. Changing an Academic Health Center Culture with the Implementation of the Auburn University Pharmaceutical Care Center. Poster Presentation. 2000 American Association of Colleges of Pharmacy Annual Meeting, San Diego, California, June 30, 2000.

Krueger KP*, **Lloyd KB***. Teaching students the process of obtaining reimbursement for pharmaceutical care services. Poster Presentation. 1999 American Association of Colleges of Pharmacy Centennial Annual Meeting, Boston, Massachusetts, July 5, 1999.

Chua WQ*, Young TL, **Lloyd KB**, Sullivan SD. Smoking related costs in the United States. Poster Presentation. 1998 International Society for Pharmacoeconomics and Outcomes Research Third Annual Meeting, Philadelphia, Pennsylvania, May 28, 1998.

Lloyd KB*, Lee JT, Strassels S. Relative effects of fellowship training on career path, job satisfaction and burnout, and quality of life. Poster Presentation. 1998 American College of Clinical Pharmacy Spring Practice and Research Forum, Palm Springs, California, April 7, 1998.

Lloyd KB*, Smith ST, Liss JP. Assessing the impact of a pharmacy-directed asthma self-management program. Poster Presentation. 1997 American College of Clinical Pharmacy Spring Practice and Research Forum, Panama City, Florida, April 8, 1997.

Poster Presentations (* - presenter): Regional

Lloyd KB*, Norwood NA. Medication selection in the pregnant critically ill patient. Poster Presentation. Annual meeting of the Georgia Society of Health System Pharmacists, Atlanta, Georgia, September 21, 1995.

Platform Presentations (* - presenter): National and International

Lloyd KB> Newsflash on the hot flash: An update on HRT. A clinical pearl. American Society of Health Systems Pharmacy (ASHP) 2009 Midyear Clinical Meeting: Las Vegas, NV, USA: December 2009.

Lloyd KB*, Strand L, Ashmore W, Fritsch M. Panel Discussion (Invited) American Society of Health Systems Pharmacy (ASHP) 2009 Midyear Clinical Meeting: Las Vegas, NV, USA: December 2009.

Lloyd KB*. Panel Discussion (Invited); American Association of Colleges of Pharmacy (AACP) Interim Meeting; Washington, DC, USA; February 23, 2009.

Lloyd KB*. Platform Presentation (Invited); "Practical solutions in patient care: focus on communication and devices"; Annual Midyear Clinical Meeting; American Society of Health System's Pharmacists (ASHP); Orlando, FL, USA; December 12, 2008.

Chavez ML, Fuhrman LC, **Lloyd KB***, Maldonado W, Norredin A, Welch B*. Platform Presentation (Invited); AACP Academic Leadership Fellowship Program (ALFP) Program Special Session; "A Survey of Introductory Pharmacy Practice Experiences (IPPE) Programs at US Colleges and Schools of Pharmacy: How are we responding to the American Council for Pharmacy Education (ACPE) Standards 2007?"; Annual Meeting; American Association of Colleges of Pharmacy (AACP); Chicago, IL, USA; July 22, 2008.

Lloyd KB*. Program moderator: "Dietary Supplement Use in the Self Care Movement: A Role for the Pharmacist" (Invited) Program Number: 204-000-07-273-L01P, American Society of Health System's Pharmacists (ASHP) Annual Midyear Meeting. Las Vegas, NV. December 5, 2007.

Lloyd KB*. "Overview of dietary supplement use in America." (Invited) Program Number: 204-000-07-273-L01P, American Society of Health System's Pharmacists (ASHP) Annual Midyear Meeting. Las Vegas, NV. December 5, 2007.

Lloyd KB*. "Focus on family health: Strategies for successful weight management. Non-pharmacological management of overweight and obesity." (Invited) Program Number: 204-000-05-257-L01, American Society of Health System's Pharmacists (ASHP) Annual Midyear Meeting. Las Vegas, NV. December 7, 2005.

Platform Presentations (* - presenter): Regional

Lloyd KB*. Platform Presentation (Invited); "Do Ask, Do Tell: A Pharmacists guide to smoking cessation services"; Year End Continuing Education Program; Georgia Pharmacists Association (GPhA); Macon, GA, USA. December 14, 2008.

Lloyd KB*. Lecture (Invited); "An Update on Oral Contraceptives"; Annual Nursing Update on Women's Health Issues; Alabama Department of Public Health Office of Women's Health (OWH) Advisory Committee Meeting; Montgomery, AL, USA; November 22, 2008.

Lloyd KB*. Lecture (Invited); "An Overview of Female Sexual Dysfunction"; Annual Nursing Update on Women's Health Issues; Alabama Department of Public Health Office of Women's Health (OWH) Advisory Committee Meeting; Montgomery, AL, USA; November 22, 2008.

Lloyd KB*. Lecture (Invited); "An Update on Osteoporosis Management"; Annual Nursing Update on Women's Health Issues; Alabama Department of Public Health Office of Women's Health (OWH) Advisory Committee Meeting; Montgomery, AL, USA; November 22, 2008.

Lloyd KB*. "Case studies in Medication Therapy Management Services (MTMS) Provision in Primary Care". (Invited) Alabama Pharmacy Association's 2007 Fall Continuing Education Program, Montgomery, AL. 1.0 hours ACPE CE, Contact Hours= 0.1 CEUs. September 30, 2007.

Lloyd KB*. "An Update on Women's Health Pharmacotherapy: Female Sexual Dysfunction, Advances in Contraception, Hormone Replacement Therapy, and Osteoporosis Management" A concise overview of

the latest developments. (Invited) Alabama Pharmacy Association's 2007 Annual Convention, Perdido Beach, AL. 2.0 hours ACPE CE, Contact Hours= 0.2 CEUs. July 9, 2007.

Lloyd KB*. "Emergency Contraception: The Community Pharmacists Role." (Invited) Lee County Pharmacists Association's Meeting. 1.0 hour Alabama CE, Contact hours=0.1 CEUs. April 2007.

Lloyd KB*. "Developing Healthier Habits for a Healthier Tomorrow." (Invited) Wilcox County Schools Inservice for Faculty, Staff, and Administrators (approximately 250 participants). Camden, AL. 3.0 hours. February 20, 2007.

Lloyd KB*. "Asthma: An Update" (Invited) Annual Convention, Alabama State Nurses Association; Auburn, AL, USA; 1.0 hours CE Contact Hours= 0.1 CEUs. September 28, 2006.

Lloyd KB*. "Asthma Therapy Management- Part 2, Pharmacotherapy Management." (Invited) Alabama Pharmacy Association's 2006 Midwinter Conference, Auburn, AL. 2.0 hours ACPE CE, Contact Hours= 0.2 CEUs. February 18, 2006.

Lloyd KB*. "Asthma Therapy Management- Part 1, Patient Assessment." (Invited) Alabama Pharmacy Association's 2006 Midwinter Conference, Auburn, AL. 2.0 hours ACPE CE, Contact Hours= 0.2 CEUs. February 17, 2006.

Lloyd KB*. "Developing Healthier Habits for a Healthier Tomorrow." Franklin County Schools Inservice for Faculty, Staff, and Administrators (approximately 200 participants.) Russelville, AL. 1.0 hours. January 6, 2006.

Lloyd KB*. "Hormone Replacement Therapy, An Update." (Invited) Alabama Society of Health System's Pharmacists (ASHP) Annual Meeting, Birmingham, AL. 1.0 hours ACPE CE, Contact hours= 0.2 CEUs. October 20, 2005.

Lloyd KB*. "Developing a program for community-based care of the patient with osteoporosis." (Invited) Auburn University Office of Postgraduate and Continuing Education, Live National Web Cast, Auburn, AL. November 2004.

Lloyd KB*. "Developing and implementing a community based weight management pharmaceutical care service." (Invited) Auburn University Office of Postgraduate and Continuing Education, Summer CE Series, Panama City, FL. July 2004.

Lloyd KB*. "Developing and implementing a community based weight management pharmaceutical care service." (Invited) Auburn University Office of Postgraduate and Continuing Education, Summer CE Series, Huntsville, AL. July 2004.

Lloyd KB*. "Providing community-based pharmaceutical care services for patients with asthma." (Invited) Alabama Pharmacy Association (APA) Midwinter Conference, Decatur, AL. February 20, 2004. 2.0 hours ACPE Contact Hours= 0.2 CEUs.

Lloyd KB*. "Developing a program for the community-based care of osteoporosis. (Invited) Tennessee Pharmacy Association (TRA) 116th Annual Convention, Kingsport, TN. July 17, 2003. 2.0 ACPE Contact Hours= 0.2 CEUs.

Lloyd KB*. "Osteoporosis Overview for the Community Practitioner." (Invited) Continuing Education Program for Pharmacists. Muskogee County Pharmaceutical Association, Opp, AL, March 2001.

Lloyd KB*. "Osteoporosis: An Overview". (Invited) Continuing Education Program for Pharmacists. McWhorter School of Pharmacy at Samford University, Birmingham, Alabama. December 10, 2000.

Lloyd KB*. "Case Studies in Asthma". (Invited) Continuing Education Program for Nurse Practitioners.

Lee County Nurse Practitioners Association. Auburn Hotel and Conference Center, Auburn, Alabama, August 2000.

Lloyd KB*. "Asthma: Providing pharmaceutical care for asthma patients." (Invited) Continuing Education Program for Pharmacists. Alabama Pharmacy Association Research and Education Foundation's Asthma Conference. Montgomery, AL. December 5, 1999.

Lloyd KB*. "Osteoporosis: An overview." (Invited) Continuing Education Program for Pharmacists. The Medical Center, Columbus, Georgia. July 15, 1999.

Lloyd KB*. "Pharmacoeconomics: Evaluation of the economic, clinical and humanistic outcomes of drug therapy." (Invited) Continuing Education Program for Pharmacists. The Medical Center, Columbus, Georgia. May 6, 1999.

Lloyd KB*. "Pharmacoeconomics: Economic considerations in medication selection". (Invited) Continuing Education Program for Physicians. Alabama Primary Healthcare Association's Annual Meeting. Orange Beach, Alabama, September 10, 1998.

Lloyd KB*. "Assessing the impact of a pharmacy-directed asthma self-management program." (Submitted) Presented at 1996 Southeastern Residency Conference, Athens, Georgia, May 1996.

Lloyd KB*. "Hormone replacement therapy - a review." Continuing Education Program for Pharmacists. The Medical Center, Columbus, Georgia. March 1996.

Lloyd KB*. "Pharmacotherapy for atrial fibrillation." Continuing Education Program for Pharmacists. The Medical Center, Columbus, Georgia. July 1995.

Platform Presentations (* - presenter): Local

"Methods to Decrease Your Medication Bill." (invited) Auburn University Department of Human Resources. Auburn, AL. 2.0 hours. January 30, 2008.

"Medication Therapy Management Services (MTMS): the AUPCC as a local resource." (Invited) Auburn University Osher Lifelong Learner Institute (AU OLLI). Auburn, AL. 2.0 hours. January 28, 2008.

"Eating Disorders: a health concern in America's youth." (Invited) Lee County Youth Development Center, Auburn, AL. 1.0 hour mandatory employee education for center employees. September 20, 2007.

"Plan B Emergency Contraception: A new opportunity and responsibility for the community pharmacist." (Invited) Professional Seminar Series (PSS), Auburn University Harrison School of Pharmacy. 1.0 hours. August 31, 2007.

"Emergency Contraception: The Community Pharmacists Role." (Invited) Auburn University Pharmaceutical Care Center- Pharmacists, Intern, Extern, and Technician Training. 1.0 hour Alabama State Board of Pharmacy Approved Continuing Education, Contact hours=0.1 CEUs. April 26, 2007.

"Evaluation of the validity and responsiveness of the Functional Status II(R) instrument, a generic pediatric functional status instrument, for use in monitoring pediatric asthma patients." Presented at the Glaxo Wellcome's Residency and Fellowship Conference. June, 1998.

"The relative effects of fellowship training on career path, job satisfaction and burn out, and quality of life." Presented to Glaxo Wellcome's Department of Continuing Education. March, 1998.

"Defining strategies for peptic ulcer treatment: a *Helicobacter pylori* cost model." A seminar presented to representatives from Glaxo Wellcome's Departments of Pharmacoeconomics and Clinical Research. Glaxo Wellcome Inc., Research Triangle Park, North Carolina, May, 1997.

"Managed care in special patient populations." Pharmacy administration seminar presented to the departments of pharmacy administration and clinical pharmacy practice's college faculty and graduate students. University of South Carolina, Columbia, South Carolina, February, 1997.

"Asthma disease state management." Pharmacy administration seminar presented to the departments of pharmacy administration and clinical pharmacy practice's faculty and graduate students. University of South Carolina, Columbia, South Carolina, October, 1996.

TEACHING EXPERIENCE

Course and Description:	Faculty Role:	Years:
<p><u>Integrated Pharmacotherapy (IP)</u> Women's Health Coordinator</p> <p><i>Class Size= 120 to 130 students</i></p>	Content Coordinator Course Mapping Case Designer Small Group Facilitator Resource Session Leader	2008-Present
<p><u>Contemporary Aspects of Pharmacy Practice (CAPP)</u> Hormone Replacement Therapy Osteoporosis</p>	Pre-Lab Lecture Lab Instructor (x1-2weeks)	2006-Present
<p><u>Advanced Pharmacy Practice Experience (APE)</u> Preceptor for Primary Care I, II, and III and Elective rotations in pharmacoconomics, health and wellness, and academia.</p> <p><i>Class Size= 12 to 24 students per year (5 week blocks)</i></p>	Primary Preceptor	1999 to Present
<p><u>Early Pharmacy Practice Experience (PPE)</u> P1, P2, and P3 experiential training.</p> <p><i>Class Size= 16 students</i></p>	Co-Mentor	1998 to Present
<p><u>Women's Health Elective (PYPP 495)</u> Female Body Image, Eating Disorders, Obesity, Sociology, Infertility, Endometriosis, STDs, Vaginal Candida, PMS, UTIs, Contraception, Pregnancy and Lactation, Headaches, Domestic Violence, Date Rape, Breast CA, Other Female Cancers, CVD in Women, Smoking Cessation, Menopause, Osteoporosis</p> <p><i>Class Size= 15 to 38 students</i></p>	Course Coordinator Lecturer (60% of topics)	2000 to Present
<p><u>Endocrine Pharmacotherapy Module (PYDI 412)</u> Contraception, Menopause, Hormone Replacement Therapy, Osteoporosis, Thyroid Disease, Diabetes</p> <p><i>Class Size= 80 to 120 students</i></p>	Content Expert Case Developer Small Group Facilitator Large Group Facilitation	1999 to 2006
<p><u>Pulmonary Pharmacotherapy Module (PYDI 420)</u> Allergic Rhinitis, Cough, Cold, and Flu, Asthma, COPD, Smoking Cessation, Cystic Fibrosis</p> <p><i>Class Size= 80 to 120 students</i></p>	Module Coordinator Content Expert Case Developer Small Group Facilitator Large Group Facilitator Practical Exam Design and Implementation	1998 to 2004
<p><u>Principles of Pharmacoconomics (PCS 361)</u></p>	Co-Instructor	1998 to 2003

Principles of PE, Study Design, Epidemiology, Decision Making, Perspectives, Cost Analysis, Cost Effectiveness Analysis, Cost Benefit Analysis, Cost Utility Analysis, Quality of Life, Modeling, Discounting, PE Literature Evaluation

Lecturer

Class Size= 80 to 120 students

Reimbursement for Pharmaceutical Care Services (PYPP 495)

Process of Obtaining Reimbursement, Implementing MTMS Services, Obtaining Provider Status, Pricing Services, Marketing Services, Completing Billing Paperwork, Filing Claims, PBMs.

Co-Instructor 1999 to 2001
Lecturer
Case Design
Practical Exam Design and Implementation

Class Size= 10-15 students

Guest Lectures:

AU Department of Nutrition and Food Science 2001 to Present
Nutrition Lab
Osteoporosis Assessment

Pathophysiology: April 2000
Regulation of Calcium and Phosphate. Bone Mineral Metabolism

Clinical Pharmacy Management: May 1999
Policy and Procedures

Physical Assessment Laboratory I and II 1998 to 1999
Laboratory Instruction

Drug Interactions: 1996
Diuretics and Antihypertensive Agents

Advanced Therapeutics: 1996
Lupus (SLE)

Drug Induced Disease: 1995
Drug Induced Renal Disorders

SERVICE

State of Alabama:

Office of Women's Health Steering Committee	2002 to Present	Chair (2006-2009)
State of Alabama Osteoporosis Task Force	1999 to Present	
State of Alabama Folic Acid Council	2003 to 2004	

Auburn University:

AU Student Insurance Committee	2007 to Present
AU Insurance and Benefits Committee	2006 to Present
AU Senate Library Committee	2004 to 2006
AU Athletics Drug Testing and Education Committee	2002 to Present
AU Task Force for a Drug Free Campus	2008 to Present
AU Student Insurance Committee	2008 to Present

Harrison School of Pharmacy:

AUHSOP HIPAA Officer	2002 to 2007	Officer (2002 – 2007)
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Board of Ethical and Professional Conduct (Honor Board)	2002 to 2008	Vice-Chair (2003 – 2007)
Clinical Services Advisory Committee	2005 to Present	Chair (2008 – Present)
Pharmacy Practice Head Search Committee	2006 to Present	Chair (2006 – 2008)
Pharmaceutical Sciences Head Search Committee	2005 to 2006	
AUHSOP Residency Advisory Group	2003 to Present	
Physicians Advisory Council (PAC)	2005 to 2006	
AUHSOP HIPAA Ad Hoc Committee	2002 to 2005	Chair (2002 – 2005)
AUHSOP Strategic Planning Committee	2002 to 2005	
Department of Pharmacy Practice Search Committee	2000 to 2005	
Pharmacotherapy Module Development Committee	2000 to 2001	
AU Pharmacy Ad Hoc Committee	2000 to 2001	
AUPCC Advisory Committee	1998 to 2005	Co-Chair (1998 – 2003)
Pulmonary Pharmacotherapy Module Coordinator	1998 to 2004	Coordinator (1998 – 2004)

Student Advising:

Committee of 19 War on Hunger Campaign for the WFP	2003 to Present	Advisor (2003 – Present)
Student National Pharmaceutical Association (SNPhA)	2000 to Present	Advisor (2002 – Present) Co-Advisor (2001 – 2002)
HSOP Coordinator for Cardinal Health Leadership Conference	1999 to Present	

Professional Service:

American Society of Health Systems Pharmacists (ASHP) Programming Committee	2006 to Present	
Alabama Pharmacy Association (APA) Professional Educational Affairs Committee	2007 to Present	Chair (2007- 2008)
Alabama Pharmacy Association (APA) Board of Trustees (District 11 Trustee)	2007 to Present	
Alabama Pharmacy Association (APA) Legislative Day Committee	2002 to Present	Chair (2002 – Present)
Alabama Pharmacy Association Research and Education Foundation Pharmaceutical Care Board (APAREFPCB)	1998 to 2004	

Professional Membership:

Alabama Society of Health Systems Pharmacists (AISHP)	2005 to Present	
Alabama Pharmacy Association (APA)	1998 to Present	
American College of Clinical Pharmacy (ACCP)	1995 to Present	
American Association of Colleges of Pharmacy (AACCP)	1998 to Present	
American Society of Health Systems Pharmacists (ASHP)	1996 to Present	
American Pharmaceutical Association (APhA)	1992 to Present	
International Society of Pharmacoeconomics and Outcomes Research (ISPOR)	1996 to 2000	

Research Reviewer:

Clinical Therapeutics	1999 to Present	
Journal of the American Pharmaceutical Association	2003 to Present	
Annals of Internal Medicine	2002 to Present	
Annals of Pharmacotherapy	2007 to Present	

Updated March 2010, KBL

CURRICULUM VITAE

Linda L. Thornton

Work Address:

Special Collections & Archives Department
Draughon Library
Auburn University, AL 36849-5606
(334) 844-1733
E-mail: thornli@auburn.edu

Education:

M.S.L.S. Clarion University of Pennsylvania, Clarion, PA
B.S. Elementary Education and Music, Oneonta State College, Oneonta, NY

Professional Experience:

Auburn University – Draughon Library

2008 – Arrangement and Description Librarian, Special Collections & Archives
2007 Outreach Services and Special Collections Librarian
2003-2007 Outreach Services and Distance Education Librarian
2001-2003 Outreach Services Librarian
1998-2001 Chair, Access Services Department
1989-2001 Interlibrary Loan Librarian

Honors and Awards:

EBSCO Award for Research in Librarianship, 1993

Publications:

Thornton, Linda L., "The Black Belt Environmental Science and Arts Program" *Journal of Extension*
[Accepted; anticipated publication in 2010] <http://www.joe.org>

Thornton, Linda L., "Tuscumbia." *Encyclopedia of Alabama*.
<http://www.encyclopediaofalabama.org/face/Article.jsp?id=h-2164>

Thornton, Linda L. and Sue O. Medina "Cannot Supply: An Examination of the Interlibrary Loan Requests Which Could Not be Filled by Members of the Network for Alabama Academic Libraries" *Journal of Interlibrary Loan, Document Delivery and Information Supply*. 6 (4) (1996): 1-33.

Thornton, Linda L., "Document Delivery Services: A Selective, Annotated Bibliography, 1992-94" *The Christian Librarian*. 33 (3) (1995): 96-99.

Thornton, Linda L., "Using Interlibrary Loan Statistics to Establish Staffing Patterns" *College and Undergraduate Libraries*. 2 (1) (1995): 127-138.

Thornton, Linda L., "NAAL Resource Sharing Program" *Alabama Librarian*. 44 (1992): 8+.

Thornton, Linda L., "AU Dedicates Library Addition" *Alabama Librarian* 43 (1992): 16.

Thornton, Linda L., "Electronic Library of the Future" *Alabama Librarian*. 41 (1990): 4.

Paper Presentations:

“Document Delivery Services” Association of Christian Librarians Annual Conference, Lakeland, FL, June 1995.

“Interlibrary Loan Workload and Staffing” Association of Christian Librarians Annual Conference, Lakeland, FL, June 1995.

“The Network of Alabama Academic Libraries’ Interlibrary Loan: Workload and Staffing,” Alabama Library Association Annual Conference, College, University & Special Libraries Division, Huntsville, AL, April 1993.

“Copyright Law and the Library,” Alabama Library Association, PART Round Table, Auburn, AL, November 1991.

“SharePAC: An Academic Library Perspective,” Alabama Library Association Annual Conference, College, University & Special Libraries Division Tuscaloosa, AL, April 1991.

“The Changing Role of the Paraprofessional in Interlibrary Loan.” Alabama Library Association, PART Round Table, Auburn, AL, March 1991.

“Pulling Together: Creating and Implementing a Fax Network,” Shelby County Library Association, Columbiana, AL, April 1990.

“Telefacsimile and Networking: The Pennsylvania Experience,” Alabama Department of Education, Library Media Leadership Group, Montgomery, AL, January 1990.

“Selection and Use of Telefacsimile: Library Applications,” Pittsburgh Regional Library Center, Charleston, WV, May 1989.

“Automated Record Keeping for Interlibrary Loan,” Pittsburgh Regional Library Center, Pittsburgh, PA, May, 1988.

Outreach/Service:

Language Arts/Art modules offered as part of the AU Environmental Institute’s Black Belt Environmental Science and Arts Program for fifth through eighth grade students attending schools in Alabama’s Black Belt region.

	Modules	Sessions	Participants
2003 –	63	181	2979

Bibliographies compiled for the Auburn University’s Center for Diversity and Race Relations to accompany displays and presentations:

- “Scottish Americans” (2005)
- “Charles Stewart Parnell,” (2005)
- “Scottish Traders in the Southeast,” (2004)
- “The Twelve Classicists” (2004)

Workshops presented:

Practical Considerations in Managing ILL:

OHIONET, Columbus, OH, May and August 2000.
METRONET, New York, NY, June 2000.
PALINET, Chambersburg, PA, October 1999.
NAAL, Auburn, AL, June 1999.
PALINET, Philadelphia, PA, May 1999.
PALINET, Pittsburgh, PA, May 1999.
NELINET, Daytona, FL, May, 1998
SOLINET, Orlando, FL June 1996
SOLINET, Atlanta, GA December 1995

Evaluating ILL Services:

North Country 3Rs Council, Canton, NY, September 1999.
Kentucky State Library, Lexington, KY, August 1999.
Wake Forest University, Winston-Salem NC, August 1999.
NEFLIN, Orange Park, FL, March 1999
SOLINET, Atlanta, GA, March 1999.

Managing Interlibrary Loan Activities, NAAL Resource Sharing Committee, Auburn, AL, August 1993.

Planning and Implementing a Telefacsimile Network, Macon County Library Media Specialists, Tuskegee, AL, June 1990.

Committees:

National

ad hoc OCLC Serial Union List Task Force, member, 2000-2001.

Regional

ASERL ILL Reciprocal Oversight Committee Member, 1995 - 2002
KUDZU ILL Working Group, 2000- 2002

State

Alabama Library Association

CUS Member at Large for Planning, 1996-1997
Advertising Editor, *Alabama Librarian*, 1995
Awards Committee, 1994-1995
Convention Planning Committee, 1994-1995
Exhibits Committee, Chair, 1994-1995
CUS Projects Committee, 1991-1993

NAAL (Network of Alabama Academic Libraries)

Continuing Education Committee, 2004 - 2006
Resource Sharing Committee, continuing member, 1989- 2003
Collection Development Subcommittee on Serials, 1993-1994
State Task Force to Investigate Reference and Interlibrary Loan
Communication Channels, 1991

AACRL (Alabama Association of College Research Libraries)

Program Committee, 2000-2001

University

Faculty Grievance Hearing Committee, 2004
Faculty Grievance Hearing Committee, 1998
Copyright Committee, 1996
Faculty Grievance Committee, 1991-1993
SACS Principal Study Committee on Extension and Service, 1991-1993
Library Appeals Committee, 1990-1992

Library

Desktop Advisory Working Group, 2009-
Web Advisory Group, 2008-
Recruitment and Diversity Committee, 2006-
Digital Projects Working Group, 2004 –
ad hoc Working Group on Unsolicited Curriculum Vitae, chair, 2007
ad hoc Working Group on Library Promotion and Tenure, chair, 2007
Library Open House Committee, chair - 2005
AU Libraries Statistics Task Force, 2005 – 2006
ad hoc Task Force on Using Library Spaces, chair - 2005
ad hoc Task Force on New Faculty Orientation, 2004
ad hoc Task Force to Review Residency Program, chair, 2002
Library Development Committee, 2002-2004
Copyright Committee, 2002-2004
Tenure and Promotion Mentoring Committee, 2003 –2006
Head Librarian, Veterinary Medical Library Search Committee, 2003
Reconfiguration Task Force, (Phase II) co-chair, 2000-2001
Reconfiguration Task Force (Phase I), member, 2000
Folio Task Force, Chair, 1999
Reconfiguration Task Force, member, 1999-2000
Distance Education Committee member 1998-2000
Focus Group Development Committee, 1998
Fee Based Services Task Force, Chair, 1998
Access Services Task Force, chair, 1998
Fee-based Services Task Force, 1998
CQI Steering Committee, 1997
CQI Document Delivery Committee, chair 1995-1997
Leader User Specialist – Systems, Search Committee, 1995
Systems Librarian for Training, Search Committee, 1994
Library Research Advisory Committee, 1993-1995
ad hoc Committee on Faculty Handbook, Reclassification & Grievance Review 1992-1994
ad hoc John Cotton Dana Award Preparation Committee, co-chair, 1991
Microforms and Documents Librarian (2,) Search Committee, 1991
Head Librarian, Veterinary Medical Library Search Committee, 1989

Thomas J. Bell

belltho@auburn.edu

EDUCATION

Auburn University Montgomery, Montgomery, AL
B.S. in Business Administration
Minor in Information Systems

2000

WORK EXPERIENCE

Auburn University, Auburn, AL
Information Technology Specialist V

**Oct 2002 –
Present**

- Serve on both the ADPNet and Metaarchive LOCKSS projects. Appointed Head of the Technical Committee for the ADPNet project. This committee advises the group on all technical aspects of the project.
- Work closely with the ALLIES group to help resolve technical issues with Universal Borrowing.
- Highly experienced in Linux, Solaris, Windows, and Novell OS's.
- Use Symantec Ghost to help maintain consistent images across all desktops and to deploy software remotely.
- Responsible for 51 circulating laptops. I maintain both software updates and any hardware issues that arise.
- Familiarity with PHP, Perl, and Ruby scripting languages.
- Work closely with desktop support in both a mentoring and day to day assistance role. Desktop support maintains around 400 computers in two branches as well as the main RBD Building.
- Responsible for converting the Bursar and Patron Load process to use the new Banner ID. This required heavy use of the Ruby scripting language and working closing with the department's programmer.
- Coordinated several major Voyager ILS version upgrades. This included weekend and afterhours support.
- Co-administer the Voyager ILS system, Track-it! Help Desk system, and the Illiad ILL system.
- Use VMware to consolidate servers in our server farm.
- Maintain an iSCSI array and several other storage systems.
- Plan power configurations and backup strategies for all servers.
- Served on the BannerID team. This team helped to plan the transition from SSN based IDs to random number IDs for the entire campus.
- Attend various conferences including LinuxWorld, EndUser, Computers in Libraries, Educause, ELUNA, and Illiad.
- Maintain documentation, hardware, and software on all servers in the library.

Auburn University at Montgomery, Montgomery, AL

User Services Technician II

**1999 –
2002**

- Worked with AU Main Campus on administering the Voyager ILS for AUM.
- Systems administrator for their two Novell 5.1 servers.
- Maintained backups on all library servers.
- Handled all desktop support for the library.
- Worked closely with the Systems Librarian on all AUM Library IT projects.

Lab Assistant

**1997 –
1999**

- Assisted students with computer related projects. Mainly MS Office and web related work.
- Helped to maintain all hardware and software within the lab.

RELATED EXPERIENCE

Diamond Jim's Video Arcade, Montgomery, AL

Floor Technician

**1995 –
1997**

- Handled system board installation, wiring, and monitor troubleshooting of new and current video game cabinets.
- Responsible for the cash drawer during my shift.
- Cleaned all games and game room.
- Assisted customers with redeeming their tickets.

CERTIFICATIONS

Voyager ILS Certifications

Voyager 300,400,500 Certifications

- These certifications allowed me to perform database regens as well as perform our own upgrades/patches.

Aaron J. Trehub

Assistant Dean for Technology and Technical Services
Auburn University Libraries
231 Mell Street, RBD Library
Auburn University, AL 36849
Phone: (334) 844-1716
Cell: [REDACTED]
E-mail: trehuaj@auburn.edu



Education

MLS 1992. Library and Information Science. Graduate School of Library and Information Science, University of Illinois at Urbana-Champaign, Urbana, IL.

MA 1985. Soviet Studies/International Economics. School of Advanced International Studies (SAIS), The Johns Hopkins University, Washington, D.C.

BA 1980. Russian Language and Literature (First Class Honours; University Scholar). McGill University, Montreal, Canada.

Professional History

2009-Present: Assistant Dean for Technology and Technical Services, Auburn University Libraries, Auburn, Alabama

2008-2009: Assistant Dean for Library Technology, Auburn University, Auburn, Alabama

2004-2008: Director of Library Technology, Auburn University, Auburn, Alabama

2002-2004: Director, Illinois Researcher Information Service (IRIS); Associate Professor of Library Administration, University Library, University of Illinois at Urbana-Champaign

1996-2002: Director, Illinois Researcher Information Service (IRIS); Assistant Professor of Library Administration, University Library, University of Illinois at Urbana-Champaign

1994-1996: Acting Director, Illinois Researcher Information Service (IRIS); Visiting Assistant Professor of Library Administration, University Library, University of Illinois at Urbana-Champaign

1991-2004: Editor, American Bibliography of Slavic and East European Studies (ABSEES), University Library, University of Illinois at Urbana-Champaign

1985-1989: Research Analyst/Senior Research Analyst, Radio Liberty Research, Radio Free Europe/Radio Liberty, Inc., Munich, West Germany

Selected Publications

Trehub, Aaron; Thomas C. Wilson. "Keeping It Simple: The Alabama Digital Preservation Network (ADPNet)". *Library Hi Tech*, Vol. 28, no. 2 (2010). Accepted for publication.

Trehub, Aaron. "Slavic Studies and Slavic Librarianship' Revisited: Notes of a Former Slavic Librarian". *Slavic & East European Information Resources*, Vol. 10, nos. 2/3 (April-September 2009): 170-184.

Trehub, Aaron. "The Alabama Digital Preservation Network (ADPNet)". *Against the Grain*, Vol. 21, no. 1 (February 2009): 46-47.

"E. B. Sledge". *The Encyclopedia of Alabama*:

<http://www.encyclopediaofalabama.org/face/Article.jsp?id=h-1796>. Published September 29, 2008.

Downer, Sheri; Susan Medina; Beth Nicol; Aaron Trehub. "AlabamaMosaic: sharing Alabama history online." *Library Hi Tech*, Vol. 23, no. 2, 2005: 233-251.

"Building a World Bibliography of Slavic and East European Studies: ABSEES, EBSEES, and Beyond." In Harold M. Leich, editor, *Libraries in Open Societies: Proceedings of the Fifth International Slavic Librarians' Conference* (Binghamton, NY: Haworth Information Press, 2002): 103-119.

"Building a World Bibliography of Slavic and East European Studies: ABSEES, EBSEES, and Beyond." *Slavic & East European Information Resources*, Vol. 3, nos. 2-3 (2002): 103-119.

"Slavic Studies and Slavic Librarianship in the United States: A Post-Cold War Perspective." *Solanus* (New Series), Vol. 14 (2000): 91-108.

Selected Lectures/Conference Papers

Trehub, Aaron. "The Alabama Digital Preservation Network (ADPNet)". Presentation at the annual meeting of the Texas Heritage Digitization Initiative (THDI), Austin, Texas, February 2010.

Trehub, Aaron. "Information Technology and Slavic Librarianship". Paper presented at the 41st national convention of the American Association for the Advancement of Slavic Studies (AAASS), Boston, Massachusetts, November 2009.

Trehub, Aaron; Carrie Daniels; Richard Pearce-Moses. "Creative Collaboration 4: LOCKSS". Panel presentation at the Best Practices Exchange 2009 Conference, Albany, New York, September 2009.

Trehub, Aaron; Carrie Daniels; Diane Butler. "Preserving Data, Building Relationships: Two Experiences with Distributed Digital Preservation". Panel presentation at the Society of American Archivists (SAA) Annual Meeting, Austin, Texas, August 2009.

Trehub, Aaron. "After The Grant Runs Out... The Alabama Experience". Presentation at the ASCLA Preconference, ALA 2009 Annual Conference, Chicago, Illinois, July 2009.

Trehub, Aaron. "IT and Innovation in Libraries". Presentation at the Duke University Libraries, Durham, North Carolina, May 2009.

Trehub, Aaron; Beth Nicol. "AlabamaMosaic and ADPNet: Digital Repository and Digital Preservation". Presentation at the 2009 Alabama Library Association (ALLA) Annual Convention, Auburn, Alabama, April 2009.

Trehub, Aaron. "The Alabama Digital Preservation Network (ADPNet)". Presentation at the DigCCurr 2009 Conference, Chapel Hill, North Carolina, April 2009.

Grants and External Funding

2006: Institute for Museum and Library Services (IMLS), National Leadership Grant: "Alabama Digital Preservation Network". Award Number: LG-05-06-0178-06. Award Amount: \$113,247. Role: Project Director

Awards and Recognitions

2009: Alabama Association of College and Research Libraries (AACRL) Significant Achievement Award
2005: Network of Alabama Academic Libraries (NAAL) Resolution of Appreciation

Memberships/Associations

2004-present: Alabama Library Association (ALLA)
2010-present: Alabama Historical Association (AHA)