

1. ACADEMIC HISTORY

Name: Roger B. Hill
Present Rank: Professor
Proportion Time Assignments: .188 Research; .188 Teaching; .375 Administration (budgeted)
.188 Research; .188 Teaching; .375 Administration (assigned)
Tenure Status: Tenured 1998
Administrative Title: Department Head; WELSF
Graduate Faculty Status: Full Graduate Faculty; appointed April 14, 1997;
reappointed April 9, 2004
Degrees: Doctor of Philosophy
The University of Tennessee, Knoxville; 1992

Academic Positions Held:

2006-present Department Head; Workforce Education, Leadership, and Social Foundations

2007-present Professor; Department of Workforce Education, Leadership, and Social Foundations; College of Education; The University of Georgia; Athens, GA.

1998-2007 Associate Professor; Department of Workforce Education, Leadership, and Social Foundations (Program of Workforce Education was formerly the Department of Occupational Studies); College of Education; The University of Georgia; Athens, GA.

1993-1998 Assistant Professor; Department of Occupational Studies; College of Education; The University of Georgia; Athens, GA.

1979-1993 Professor of Technology Education and Coordinator of Academic Computing; Hiwassee College; Madisonville, TN.

1989 Adjunct Instructor; The University of Tennessee, Knoxville; Knoxville, TN.

1978-1979 Graduate Teaching Assistant, Northern Illinois University; Dekalb, IL.

1974-1978 High School Instructor; Needham Broughton High School; Raleigh, NC.

Other Professional Employment:

2009-present Coordinator of Curriculum Development for the National Joint Apprenticeship Training Committee (NJATC) National Training Institute, University of Michigan; responsible for curriculum development and revisions.

- 1990-2008 Faculty member for the National Joint Apprenticeship Training Committee (NJATC) National Training Institute, The University of Tennessee, Knoxville; trained IBEW instructors at annual 7 day national institute held at UTK; Knoxville, TN.
- 1989-1990 Graduate Research Assistant, The University of Tennessee, Knoxville; Knoxville, TN.
- 1986-1993 Baptist Student Union Director, Hiwassee College, part-time position, employed by Tennessee Baptist Convention; Madisonville, TN.
- 1990 Consultant and Technical Writer, TRW/Koyo; part-time position; Vonore, TN.
- 1986-1989 Director of Work-Study, Hiwassee College; part-time 12 mo. position; Madisonville, TN.
- 1981-1985 Eastern Region Director, Christian High Adventure, part-time position; employed by SBC North American Mission Board and CHA; Madisonville, TN.

Post-graduate Awards: None

2. RESIDENT INSTRUCTION AND CONTINUING EDUCATION

Courses Taught -- The University of Georgia:

(since promotion to Associate Professor; numbers for split-level course show graduate/undergraduate enrollments)

Course	Course Title	Semester	# Enrolled
EBUS 4020/6020	Microcomputer Concepts and Oper. Systems	Fall 98	15
ETES 5020/7020	Communication Systems	Fall 98	30
EOCS 8000	Technology for Education in the Workplace	Spring 99	28
EBUS 5100/7100	Systems Analysis and Design	Spring 99	22
EBUS 4020/6020	Microcomputer Concepts and Oper. Systems	Summer 99	16
EBUS 4020/6020	Microcomputer Concepts and Oper. Systems	Fall 99	19
ETES 5020/7020	Communication Systems	Fall 99	30
EOCS 8000	Technology for Education in the Workplace	Spring 00	16
EBUS 5100/7100	Systems Analysis and Design	Spring 00	30
EOCS 4360/6360	Instructional Strategies in Occ. Studies	Summer 00	21
ETES 5025/7025	Technical Design Graphics	Fall 00	21
ETES 5020/7020	Communication Systems	Fall 00	29

EOCS 8000	Technology for Education in the Workplace	Spring 01	27
EBUS 5100/7100	Systems Analysis and Design	Spring 01	29
EBUS 4020/6020	Microcomputer Concepts and Oper. Systems	Summer 01	20
EOCS 6010	Foundations of Work and Family Life Educ.	Summer 01	42
EOCS 8000	Technology for Education in the Workplace	Fall 01	4
ETES 5020/7020	Communication Systems	Fall 01	16
EOCS 8000	Technology for Education in the Workplace	Spring 02	31
EBUS 5100/7100	Systems Analysis and Design	Spring 02	27
EBUS 4020/6020	Microcomputer Concepts and Oper. Systems	Summer 02	17
ETES 5025/7025	Technical Design Graphics	Fall 02	12
ETES 5020/7020	Communication Systems	Fall 02	31
EOCS 8000	Technology for Education in the Workplace	Spring 03	26
EBUS 5100/7100	Systems Analysis and Design	Spring 03	36
ETES 5020/7020	Communication Systems	Fall 03	40
EOCS 8000	Technology for Education in the Workplace	Spring 04	25
EBUS 5100/7100	Systems Analysis and Design	Spring 04	35
EOCS 8000	Technology for Education in the Workplace	Summer 04	24
ETES 5020/7020	Communication Systems	Fall 04	37
ETES 5025/7025	Technical Design Graphics	Fall 04	15
EBUS 5100/7100	Systems Analysis and Design	Spring 05	37
EOCS 8010 (6990)	Workforce Ethics for a Technological World	Spring 05	12
ETES 5020/7020	Communication Systems	Fall 05	34
ETES 5040/7040	Construction Systems	Fall 05	10
EBUS 5100/7100	Systems Analysis and Design	Spring 06	28
ETES 5110/7110	Appl. of Engineering in Tech. Studies	Spring 06	13
ETES 5020/7020	Communication Systems	Fall 06	27
ETES 5025/7025	Technical Design Graphics	Fall 06	12
ETES 5020/7020	Communication Systems	Fall 07	15
EBUS 5050/7050	Introduction to Programming	Fall 07	12
ETES 5020/7020	Communication Systems	Fall 08	21
EBUS 5050/7050	Introduction to Programming	Fall 08	13
ETES 5020/7020	Communication Systems	Fall 09	21
ETES 2320	Creative Activities for Teachers	Fall 09	18
Total -----			1,044 -----

EOCS 8010 - Workforce Ethics for a Technological World
(initially offered as EOCS 6990 - Topics in Occupational Studies)

Course developed from stream of scholarly work and research agenda. The course was piloted in the spring semester of 2005. It was designed to provide an overview of ethical frameworks (relativism, utilitarianism, Kantianism, social contract theory, etc.), case studies and other techniques for effective ethics instruction, assessment techniques, and designs for delivery of instruction within career and technical education contexts. Special emphasis was given to ethics in technology, engineering, business, marketing, family and consumer science, and T&I education. Terms taught and enrollment: Spring 2005, 12.

EOCS 8000 Technology for Education in the Workplace

EOCS 8000 is a course that was developed as a core class to be included in the Human Resource and Organizational Development program of study. The course focuses on educational technology and methods of preparing and presenting materials for use in training and development. Educational philosophy, learning theory, and instructional paradigms are considered as related to selected instructional strategies. Terms taught and enrollment: Winter 1995, 21; Winter 1997, 10; Winter 1998, 18; Spring 1999, 28; Spring 2000, 16; Spring 2001, 27; Fall 2001, 4; Spring 2002, 31; Spring 2003, 26; Spring 2004, 25; Summer 2004, 24; Summer 2006, 20.

EOS 707 Methods of Teaching Advanced Occupational Skills

EOS 707 is graduate level course that focuses on learning theory and instructional methods for teaching human resource and organizational development, occupational studies, and workforce development. As taught by Dr. Hill, this course had a heavy emphasis on use of technology in instruction and applications of learning theory to choices concerning educational technology. Quarters taught and enrollment: Winter 1995, 21; Winter 1997, 10; Winter 1998, 18.

EBE 701 Instructional Strategies for Information Processing

EBE 701 is a graduate level course required of Master's students in Business Education. The course covers teaching theory, psychological principals of skill building, and considers various approaches that might be chosen for information processing instruction. Students are encouraged to consider their own learning paradigms and are challenged to develop an instructional style consistent with contemporary educational theory and practice. Terms taught and enrollment: Summer 1994, 8.

EOCS 6010 – Foundations of Work and Family Life Education

Covers content dealing with the development of technology and its effects on people, environment, and society, including historical and philosophic foundations, adaptation to change, and controlling the future of technological growth. Specifically, it is designed to assist persons in understanding different areas of education and training offered in the occupational studies department and to prepare them for their roles as teachers, administrators, or interested parties. Terms taught and enrollment: Summer 2001, 42.

ETES 5110/7110 Applications of Engineering in Technological Studies

ETES 7110/5110 is a split-level course that addresses a systematic approach to solving technological problems using engineering design processes. Applications of engineering design principles to guide, collect data, and evaluate the design process are included along with a focus on creativity, resourcefulness, and the ability to visualize and think abstractly. Terms taught and enrollment (graduate/undergraduate): Spring 2006, 8/5.

EBUS 5100/7100 Systems Analysis and Design for Occupational Studies

EBE 7100/5100 is a split-level course required of Business Education majors. Strategies for teaching systems analysis and design procedures are included along with technical instruction in development of information systems. Case studies are used to allow students, working in teams, to develop and implement functional systems projects. Terms taught and enrollment (graduate/undergraduate): Fall 1993, 2/14; Spring 1994, 3/6; Fall 1994, 4/12; Spring 1995, 3/16; Fall 1995, 5/12; Spring 1996, 6/12; Fall 1996, 1/6; Spring 1997, 1/20; Spring 1998, 1/9; Spring 1999, 8/14; Spring 2000, 6/24; Spring 2001, 4/25; Spring 2002, 8/19; Spring 2003, 11/25; Spring 2004, 17/18; Spring 2005, 13/24; Spring 2006, 9/19.

EBUS 5050/7050 Introduction to Programming for Workforce Development

EBUS 5050/7050 is a split-level course designed to engage students in basics of computer program development. Focus is on creation, manipulations, editing, and critique of computer programs, as well as ethics of computer programming. Strategies for preparing people to teach programming are a theme of the course. Terms taught and enrollment (graduate/undergraduate): Fall 2007, 10/2; Fall 2008, 9/4.

ETES 5040/7040 Construction Systems

ETES 7040/5040 is a split-level course designed to engage students in construction practices used to produce structures in the construction types of light, commercial, industrial, and civil. Construction techniques are employed in laboratory activities that center around the phases of light construction. Special instruction is provided on the use and care of hand and power tools and machines used in career and technical education laboratory programs. Terms taught and enrollment (graduate/undergraduate): Fall 2005, 4/6.

ETES 5025/7025 Technical Design Graphics

ETES 7025/5025 is a split-level course that covers conventional practices for graphic representation of three-dimensional shape and size. Applications of computer assisted drawing and design software, multi-view and pictorial projection, dimensioning, sections, auxiliary views, revolutions, descriptive geometry, and graphical vector analysis are included. The course emphasizes instructional approaches for teaching graphic communication in career and technical education courses. Terms taught and enrollment (graduate/undergraduate): Fall 2000, 3/18; Fall 2002, 5/7; Fall 2004, 10/5; Fall 2006, 7/5.

ETES 5020/7020 Communication Systems

ETES 7020/5020 is a split-level course required of Technology Education majors and is used as an elective by Business Education majors. The course is structured around the concepts of encoding, transmitting, receiving, decoding, storage, and retrieval of communications data. Various media ranging from traditional print to the World Wide Web are considered and selection and use of appropriate instructional strategies is included. Terms taught and enrollment (graduate/undergraduate): Fall 1995, 10/8; Fall 1996, 8/6; Fall 1997, 10/11; Fall 1998, 22/8; Fall 1999, 11/19; Fall 2000, 5/24; Fall 2001, 6/10; Fall 2002, 6/25; Fall 2003, 12/28; Fall 2004, 22/15; Fall 2005, 12/22; Fall 2006, 19/8; Fall 2007, 14/1; Fall 2008, 15/6; Fall 2009, 14/7. Taught as EIA 721/521, Fall 1993, 6/6.

EOCS 4360/6360 - Instructional Strategies in Occupational Studies

Teaching materials, methods, techniques, and strategies utilized in programs of occupational studies. The purpose of this course is to give the prospective teacher of business and information systems, family and consumer sciences, marketing, technology education, trade and industry, and other occupational studies content areas the specific background and experiences required to succeed as a student teacher and a successful professional educator. The course includes an evaluation of teaching materials, methods, and a variety of teaching and learning strategies. Terms taught and enrollment (graduate/undergraduate): Summer 2000, 14/7.

EBUS 4020/6020 Microcomputer Concepts and Operating Systems for Occupational Studies

EBUS 6020/4020 is a split-level course required of Business Education majors and used as an elective by Technology Education majors. The course prepares students to teach fundamental principles of computer use, operating systems basics, and typical software applications for instruction of Business Education. The course is also designed to fulfill the technology performance goals established in conjunction with the College of Education Technology Initiative. Terms taught and enrollment (graduate/undergraduate): Spring 1995, 0/19; Summer 1995, 6/8; Winter 1996, 9/11; Winter 1998, 7/10; Fall 1998, 3/12; Summer 1999,

10/6; Fall 1999, 5/14; Summer 2001, 6/14; Summer 2002, 7/10. Taught as EBE 708/508, Winter 1994, 3/12.

ETS 402 Principles of Technology

ETS 402 is an applied physics class required of undergraduate Technology Education majors. The course addresses the basic concepts of the CORD Principles of Technology (PT) curriculum used in public school programs and prepares students to teach PT courses and to integrate physics instruction into appropriate technology education modules. Consideration is given to strategies for integration of math, science, and technology within high school instructional programs. Terms taught and enrollment: Winter 1994, 15; Winter 1995, 8; Winter 1997, 8.

ETES 2320 Creative Activities for Teachers

ETES 2320 is an applied learning and problem-solving course for elementary majors. The course includes demonstration and hands-on learning, including problem solving, designing, construction, and testing of prototypes, and activities that increase aesthetic, psychomotor, and cognitive development. Terms taught and enrollment: Fall 2009, 18.

Departmental Curriculum Development:

Developed and taught two graduate-level and two split-level courses in support of departmental curriculum initiatives. The first of these was a graduate level course, EOCS 8000 – Technology for Education in the Workplace, for the doctoral and Master’s level students in Workforce Education, Human Resource and Organizational Development (HROD), and other related majors. The course, initially taught in 1995, has been used as a core requirement in the HROD program. It is also one of four required courses designated by the department for Community and Technical College Leadership Initiative (CTCLI) doctoral students.

A second graduate level course, EOCS 8010 – Workforce Ethics for a Technological World, has been developed and taught under the EOCS 6990 designation. This course was initially offered during the spring semester of 2005 and was well received by the 12 students enrolled. The course has been routed through the committee approval process and has been approved at departmental and college levels.

Involvement with the National Center for Engineering and Technology Education (NCETE) has impacted curriculum for preparing technology teachers at the University of Georgia. Several courses have been revised to provide a focus on engineering design, and a new split-level course, ETES 7110/5110 – Applications of Engineering in Technological Studies, was taught for the first time during the spring semester of 2006. This course provided opportunities to bring NCETE research into the classroom and equip students with cutting-edge materials to enhance engineering and technology education instruction at the high school and middle school levels.

The fourth course developed and taught has been the ETES 7025/5025 – Technical Design Graphics course. This course was first offered in the fall semester of 2000 and provides opportunities for students to gain competence in using computer assisted drawing and design technologies to create graphical representations of engineering design solutions.

Additional departmental curriculum development activities included new course content for one split-level course in Business Education (EBUS 6020/4020) and two split-level courses in Technological Studies (ETES 7020/5020 and ETES 7040/5040).

Student Advisement:

Advisees include 11 doctoral students, 8 educational specialist student, and 22 Master's students. Those advisees who have graduated include 4 doctoral students, 2 educational specialist students, and 27 master's students.

3. SCHOLARLY ACTIVITIES

* *Peer Reviewed.* ** *Invited.* ✓ *Research award.*

Books Authored or Co-Authored: None

Books Edited and Co-Edited:

Hill, R. B. (Ed.) (2004). Ethics for citizenship in a technological world. New York: Glencoe McGraw-Hill.

Chapters in Books:

Hill, R. B., Gattie, D. & Kellam, N. (2008). Essential mathematics and science content as a base for understanding engineering principles. In R. Custer & T. Erikson (Ed.), Engineering and technology education. New York: Glencoe McGraw-Hill. (Contribution percentages: Hill - 40%, Gattie - 20%, Kellam - 40%)

Hill, R. B. (2004). Closing thoughts about ethics for citizenship in a technological world. In R. Hill (Ed.), Ethics for citizenship in a technological world (pp. 267-276). New York: Glencoe McGraw-Hill.

Hill, R. B. (2004). Introduction to ethical issues in a technological world. In R. Hill (Ed.), Ethics for citizenship in a technological world (pp. 1-19). New York: Glencoe McGraw-Hill.

* ** Hill, R. B. (2003). Ethics and values: Essential components of technology education in the United States. In G. Martin & H. Middleton (Eds.), Initiatives in technology education: comparative perspectives (pp. 138-147). Gold Coast, Australia: Technical Foundation of America and the Centre for Technology Education Research, Griffith University.

** Hill, R. B. (2001). Survey research. In E. I. Farmer & J. W. Rojewski (Eds.), Research pathways: writing professional papers, theses, and dissertations in workforce education (pp. 201-222). Lanham, MD: University Press of America.

** Hill, R. B. & Dewey, G. G. (2001). Moral and ethical issues related to appropriate technology. In R. Wicklein (Ed.), Appropriate technology for sustainable living (pp. 78-91). New York: Glencoe McGraw-Hill. (Contribution percentages: Hill-75%, Dewey-25%)

** Hill, R. B. (2000). Making connections: Situated learning in technology education. In E. Martin (Ed.), Technology education for the 21st century: A collection of essays (pp. 75-79). New York: Glencoe/McGraw-Hill.

* ** Hill, R. B. (1996). How to foster high expectation and motivation. In C. Campbell (Ed.), Education and training for work - Volume 1 (pp. 169-194). Lancaster, PA: Technomic.

Monographs: None

Journal Articles:

* Denson, C. D. & Hill, R. B. (2010). Impact of an engineering mentorship program on African-American male high school students' perceptions and self-efficacy. Journal of Industrial Teacher Education, 47(1), 100-128. (Contribution percentages: Denson-60%, Hill-40%)

* Asunda, P. & Hill, R. B. (2008). Preparing technology teachers to teach engineering design. Journal of Industrial Teacher Education, 45(1), 26-53. (Contribution percentages: Asunda-60%, Hill-40%)

* Asunda, P. & Hill, R. B. (2007). Critical features of engineering design in technology education. Journal of Industrial Teacher Education, 44(1), 25-48. (Contribution percentages: Asunda-60%, Hill-40%)

* Hill, R. B. (2006). New perspectives: Technology teacher education and engineering design. Journal of Industrial Teacher Education, 43(3), 45-63.

* Hill, R. B. & Fouts, S. (2005). Work ethic and employment status: A study of jobseekers. Journal of Industrial Teacher Education, 42(3), 48-65. (Contribution percentages: Hill-60%, Fouts-40%)

- * ✓ Petty, G. C. & Hill, R. B. (2005). Work ethic characteristics: Perceived work ethics of supervisors and workers. Journal of Industrial Teacher Education, 42(2), 5-20. (Contribution percentages: Petty-60%, Hill-40%).

- * Hill, R. B. (2004). Dreamweaver and Flash: Strategies for updating communication systems instruction. The Technology Teacher, 63(7), 7-11.

- ** Hill, R. B. (2003). Does NAITTE have a future? A third-generation decision. Journal of Industrial Teacher Education, 40(2), 86-91.

- * ✓ Hill, R. B. & Wicklein, R. C. (2000). Great expectations: Preparing technology education teachers for new roles and responsibilities. Journal of Industrial Teacher Education, 37(3), 6-21. (Contribution percentages: Hill-50%, Wicklein-50%)

- * ✓ Hill, R. B. & Wicklein, R. C. (1999). A factor analysis of primary mental processes for technological problem solving. Journal of Industrial Teacher Education, 36(2), 83-100. (Contribution percentages: Hill-50%, Wicklein-50%)

- * Hill, R. B. & Rojewski, J. W. (1999). Double jeopardy: Work ethic differences in youth at-risk of school failure. Career Development Quarterly, 47, 267-279. (Contribution percentages: Hill-50%, Rojewski-50%)

- * Rojewski, J. W. & Hill, R. B. (1998). Influence of gender and academic risk behavior on career decision making and occupational choice in early adolescence. Journal of Education for Students Placed At Risk, 3(3), 265-287. (Contribution percentages: Rojewski-50%, Hill-50%)

- * Hill, R. B. (1997). The design of an instrument to assess problem-solving activities in technology education. Journal of Technology Education, 9(1), 28-43.

- * Hill, R. B. (1997). Demographic differences in selected work ethic attributes. Journal of Career Development, 24(1), 3-23.

- * Hill, R. B. & Womble, M. N. (1997). Teaching work ethic: Evaluation of a 10-day unit of instruction on work ethic, work attitudes, and employability skills. The Journal of Educational Opportunity, 16(1), 57-79. (Contribution percentages: Hill-50%, Womble-50%).

- * Hill, R. B. (1996). Work ethic differences in vocational education students and full-time employed workers. Journal of Vocational Education Research, 21(3), 13-29.

- * Hill, R. B. & Somers, J. A. (1996). A process for initiating change: Developing technology goals for a college of education. Journal of Teacher Education, 47(4), 300-306. (Contribution percentages: Hill-60%, Somers-40%)

- * Hill, R. B. (1996). Using web pages to teach communication systems: Internet connection optional. The Technology Teacher, 56(3), 22-26.
- * Hill, R. B., Wicklein, R. C., and Daugherty, M. K. (1996). Technology education in transition: Perceptions of technology education teachers, administrators, and guidance counselors. Journal of Industrial Teacher Education, 33(3), 6-22. (Contribution percentages: Hill-40%, Wicklein-40%, Daugherty-20%).
- * ✓ Wicklein, R. C. & Hill, R. B. (1996). Navigating the straits with research or opinion? Setting the course for technology education. International Journal of Technology and Design Education, 6, 31-43. (Contribution percentages: Wicklein-50%, Hill-50%).
- * Hill, R. B. & Petty, G. C. (1995). A new look at selected employability skills: A factor analysis of the occupational work ethic. Journal of Vocational Education Research, 20(4), 59-73. (Contribution percentages: Hill-90%, Petty 10%).
- * Petty, G. C. & Hill, R. B. (1994). Are women and men different? A study of the occupational work ethic. Journal of Vocational Education Research, 19(1), 71-89. (Contribution percentages: Petty-50%, Hill-50%).

Hill, R. B. (1992). The work ethic: Its importance in the workplace of the 1990s and beyond. Tennessee Education, 22(2).

Hill, R. B. (1988). Post-secondary education: Students, issues, and future trends. Tennessee Education, 18(2).

Bulletins or Reports:

Hill, R. B. (2003, Summer). Key Attributes of Georgia Technical College Work Ethic Instruction. Prepared for the Georgia Department of Technical and Adult Education, Office of Technical Education. Athens, GA: Occupational Research Group, The University of Georgia.

Hill, R. B. & Harnish, D. (1997, Spring). Work ethics: Critical element in workforce preparation. Georgia Department of Technical and Adult Education Research Brief, 3(2). Athens, GA: Occupational Research Group, The University of Georgia. (Contribution percentages: Hill-50%, Harnish 50%).

Abstracts: None

Book Reviews:

Hill, R. B. (1995). [Review of the book Narrative schooling: Experiential learning and the transformation of American education]. Journal of Technology Education, 7(1), 54-56.

Technical Reports:

Hill, R. B. (2003). Normative score data collection and analysis for the Georgia technology education culminating assessment. Athens, GA: Department of Occupational Studies, The University of Georgia.

Hill, R. B., Dewey, G. G., & Payne, E. (2001). Georgia's culminating assessment tools and procedures for technology education (<http://www.uga.edu/teched/doe/assessment.pdf>). Atlanta: Georgia Department of Education. (Contribution percentages: Hill-40%, Dewey-40%, Payne-20%).

Hill, R. B., & Burris, G. (2001). Georgia's program certification for technology education (<http://www.uga.edu/teched/doe/certification.pdf>). Atlanta: Georgia Department of Education. (Contribution percentages: Hill-50%, Burris 50%).

Any Other:

Kim, S. J. & Hill, R. B. (2008). South Korean work ethic constructs. Academy of Human Resource Development International Research Conference in the Americas Proceedings.

Hill, R. B. (2004). Work ethic and employability skills: A unit of instruction (http://www.coe.uga.edu/workethic/we_unit.pdf) [111 page supplement to *The Work Ethic Site* providing instructional materials including lesson plans, transparency masters, reference materials, and assessment tools, distributed with password upon request; based on a major revision of the 1995 curriculum guide]

Cory, J. A. & Hill, R. B. (1996, December). The effects of work ethic instruction. In M. Lush (Ed.), Omicron Tau Theta Professional Studies and Research Seminar Proceedings (pp. 47-59). Cleveland, MS: Delta State University. (Contribution percentages: Cory-50%, Hill-50%)

Petty, G. C. & Hill, R. B. (1996). Essential elements of work: A factor analysis of the occupational work ethic. In E. F. Holton, III (Ed.), Academy of Human Resource Development 1996 Conference Proceedings, 4, 270-275.

Hill, R. B. (1995). Work ethic, work attitudes, and employability skills [Curriculum guide]. Athens, GA: Author.

Creative Contributions:

Hill, R. B. (1996). The work ethic site [World Wide Web pages]. Web site for materials related to work ethic, affective work competencies, and employability skills for workforce development. Contains materials related to research and instruction. Athens, GA: Author [<http://www.coe.uga.edu/workethic>].

Hill, R. B. (1996). Observation program for technology education mental processes (OPTEMP) [Computer software]. Computer program for duration-frequency observation of mental processes used in technology education learning activities. Athens, GA: Author.

Grants Received:

Hill, R. B. (2007). Investigation of engineering design as a focus for Georgia technology education. Georgia Department of Education, Office of Standards, Instruction and Assessment, Career, Technical, and Agricultural Education. \$27,462.

Hill, R. B. (2006-2007). Georgia technology education program certification coordinator. Georgia Department of Education, Office of Standards, Instruction and Assessment, Career, Technical, and Agricultural Education. \$26,065.

Hill, R. B. (2006-2007). Media materials for introducing engineering and technology education performance standards. Georgia Department of Education, Office of Standards, Instruction and Assessment, Career, Technical, and Agricultural Education. \$16,500.

Hill, R. B., & Asunda, P. A. (2005). Critical Features of Engineering Design in Technology Education. National Science Foundation through the National Center for Engineering and Technology Education. \$7,860.

Hill, R. B. (2004-2005). Georgia Technology Education Online Assessment and Program Certification Enhancement and Integration. Georgia Department of Education, Office of Curriculum and Instruction, Technology/Career. \$24,952.

Hill, R. B. (2004-2005). Connecting Mathematics and Science to Technology Education. Georgia Department of Education, Office of Curriculum and Instruction, Technology/Career. \$15,572.

Wicklein, R. C., Hill, R. B., Gattie, D., & Thompson, S. (2004-2009). National Center for Engineering and Technology Education. National Science Foundation. \$155,371 in 2004-2005; \$10 million for 9 institutions over 5 years.

Hill, R. B. (2004). Georgia Technology Education Performance Standards. Georgia Department of Education, Office of Curriculum and Instruction, Technology/Career. \$20,200.

Hill, R. B. (2004). Georgia Technology Education Culminating Assessment Orientation and Implementation. Georgia Department of Education, Office of Curriculum and Instruction, Technology/Career. \$11,693.

Hill, R. B. (2004). Web-based Work Ethic Survey for Advisory Committee Members. Georgia Department of Technical and Adult Education, Office of Technical Education,

subcontract included in a grant awarded to the Occupational Research Group, College of Education, with Richard Lynch as PI. \$8,000.

Hill, R. B. (2003). Normative Score Data Collection and Analysis for the Georgia Technology Education Culminating Assessment. Georgia Department of Education, Office of Curriculum and Instruction, Technology/Career. \$24,243.

Hill, R. B. (2003). Key Attributes of Georgia Technical College Work Ethic Instruction. Georgia Department of Technical and Adult Education, Office of Technical Education, subcontract included in a grant awarded to the Occupational Research Group, College of Education, with Richard Lynch as PI. \$8,000.

Wicklein, R. C. & Hill, R. B. (2002-2004). Technology Teacher In-service Education. National Science Foundation, subcontract for a collaborative grant awarded to Ohio State University with Karen Zuga as PI. \$64,134.

Hill, R. B. (2001). Development a Web-based delivery system for the Georgia technology education culminating assessment. Georgia Department of Education, Office of Student Learning and Assessment, Technology/Career. \$22,552.

Hill, R. B. (2001). Proposal development for NSF IMD online instruction in ethics and citizenship for a technological world proposal. College Support for Large Extramural Grant Applications, College of Education, The University of Georgia. \$7,930.

Hill, R. B. (2000). Development of culminating assessment tools and procedures for technology education in Georgia. Georgia Department of Education, Office of Student Learning and Assessment, Technology/Career. \$20,000.

Hill, R. B. (2000). Development of technology education program certification in the state of Georgia. Georgia Department of Education, Office of Student Learning and Assessment, Technology/Career. \$18,000.

Hill, R. B. (1999). Developing a Chinese language web site for work ethic research. Summer Faculty Research Grant, College of Education, The University of Georgia. \$3,492.

Hill, R. B. (1998). Technology teacher education and the changing roles of technology education teachers. Technical Foundation of America. \$18,818.

Hill, R. B. (1997). River's Crossing Instructional Computing Facility. Instructional Computing Facility Solicitation, Information Technology Policy Board, The University of Georgia. \$81,075.

Hill, R. B. (1997). Instructor's guide for work ethic web site. Summer Faculty Research Grant, College of Education, The University of Georgia. \$4,186.

Hill, R. B. & Womble, M. N. (1996). Work ethic curriculum materials project. Joint Research/Outreach Program Grant, College of Education, The University of Georgia. \$6,600.

Hill, R. B. (1996). World wide web pages as a resource for work attitudes instruction. Summer Research Development Grant, College of Education, The University of Georgia. \$4,970.

Wicklein, R. C., Hill, R. B., Templeton, D., & Foell, N. (1996). A qualitative analysis of technology education goals and objectives. Stimulating Continuing Research on Technology Education Grant, Council on Technology Teacher Education. \$10,000.

Hill, R. B. (1995). Ill-structured problems as a context for work ethics instruction. Summer Research Development Grant, College of Education, The University of Georgia. \$4,855.

Hill, R. B. & Womble, M. N. (1994). Microsoft partnership program. Microsoft Corporation. In-kind software consisting of Microsoft Office package. This request incorporated into Center for Educational Technology proposal and awarded for all college labs. \$8,400.

Hill, R. B. (1994). Applications of dBase IV for business education. Georgia Vocational Staff Development Consortium, Georgia Department of Education. \$2,700.

Hill, R. B. (1994). Introduction to Computer Assisted Drawing and Design (CADD). Georgia Vocational Staff Development Consortium, Georgia Department of Education. \$3,100.

Grants Submitted, Not Funded:

Hill, R. B., Wicklein, R. C., Orey, M. A. & White, R. T. (2002). ORIEnT: Online resources for instruction in ethics and technology (revised). National Science Foundation, Instructional Materials Development Section. \$1,019,329.

Hill, R. B., Wicklein, R. C. & Branch, R. M. (2001). ORIEnT: Online resources for instruction in ethics and technology. National Science Foundation, Instructional Materials Development Section. \$993,668.

Hill, R. B. (1999). Equipping technology education teachers for new roles and expectations. Technical Foundation of America. \$50,000.

Hill, R. B. (1999). Spanish language web materials for work ethic research. Summer Faculty Research Grant, College of Education, The University of Georgia. \$5,000.

Hill, R. B. (1998). Work ethic instruction for post-secondary and adult learners. Summer Faculty Research Grant, College of Education, The University of Georgia. \$4,980.

Hill, R. B. (1996). Work ethic web materials dissemination project. Joint Research/Outreach Graduate Assistant Program Grant, College of Education, The University of Georgia. \$8,725.00.

Hill, R. B. & Wicklein, R. C. (1996). Technology teacher education and the changing roles of technology teachers. Technical Foundation of America. \$39,937.

Hill, R. B. & Schell, J. W. (1996). Development of instructional resources and learning activities for a proposed course in workforce soft skills. Faculty Support/Collaboration Grant, College of Education, The University of Georgia. \$1,800.

Hill, R. B. (1995). Ill-structured problems as a context for character education. Junior Faculty Research Grants Program, The University of Georgia Research Foundation, Inc. \$4,855.

Recognitions and Outstanding Achievements:

2009 Council on Technology Teacher Education (CTTE) Technology Teacher Educator of the Year; Louisville, KY; March 2009.

2009 International Technology Education Association (ITEA) Wilkinson Meritorious Service award; Louisville, KY; March 2009.

2006 National Association of Industrial and Technical Teacher Educators Outstanding Service Award. Annual Association for Career and Technical Education Convention; Atlanta, GA; December 2006.

2005 Outstanding Manuscript Award – Research Category for Volume 42 of the *Journal of Industrial Teacher Education*.

2004 National Association of Industrial and Technical Teacher Educators Outstanding Service Award. Annual Association for Career and Technical Education Convention; Las Vegas, NV; December 2004.

2001 Leaders to Watch. Recognition by the International Technology Education Association, Reston, VA.

1999 Annual Research Symposium Award. Technology Education Division (TED) of the Association for Career and Technical Education. Annual Association for Career and Technical Education Convention; Orlando, FL; December 1999.

1998 Technical Foundation of America Study Tour of China. Invited to participate in an 18-day Technology Study Tour funded by the Technical Foundation of America for 21 selected Technology Educators.

1997 Outstanding Presentation Award. American Vocational Education Research Association. Annual American Vocational Association Convention; New Orleans, LA; December 1998.

1997 Outstanding Beginning Scholar. American Vocational Education Research Association. Annual American Vocational Association Convention; Las Vegas, NV; December 1997.

1997 Annual Research Symposium Award. Technology Education Division (TED) of the American Vocational Association. Annual American Vocational Association Convention; Las Vegas, NV; December 1997.

1997 Sylvius-Wolansky Outstanding Scholarly Publication in Technology Education. Sylvius-Wolansky Foundation and the Council on Technology Teacher Education. Annual International Technology Education Association Convention; Tampa, FL; March 1997.

1996 Annual Research Award Finalist. Technology Education Division (TED) of the American Vocational Association. Annual American Vocational Association Convention; Cincinnati, OH; December 1996.

1995 Special Service Award. National Association of Trade and Industrial Educators.

1994 Annual Research Award. Technology Education Division (TED) of the American Vocational Association. Annual American Vocational Association Convention; Dallas, TX; December 1994.

1990 Chancellor's Citation for Extraordinary Professional Promise. The University of Tennessee, Knoxville.

1989 Phi Kappa Phi Honor Society Inductee. The University of Tennessee, Knoxville.

1989 Outstanding Young Man of America. Outstanding Young Men of America.

1987 Horace N. Barker Leadership Award. Hiwassee College, Madisonville, TN.

1984 Christian Student Movement Service Award. Hiwassee College, Madisonville, TN.

Areas of Research:

Program of research focuses on preparing people to work within technologically enriched environments where technical content, employability skills, and ethics are essential for success. Research and creative activities, including publications, presentations, and funded projects, extend scholarship in the areas of (a) technology education and technology teacher preparation, and (b) ethical principles that contribute to workplace success.

Supervision of Student Research:

Appointed to full graduate faculty, April 1997 and reappointed April 2004. As of April 2004, I chair eleven doctoral committees and serve as a member of thirteen other doctoral committees. I have served on doctoral committees for students in Speech Communication, Instructional Technology, and Adult Education in addition to those within Workforce Education.

Degree	Major Professor		Committee Member*	
	Completed	Current	Completed	Current
MEd	27	12	12	0
MAT	2	12	0	0
EdS	2	8	3	0
EdD	2	7	10	5
PhD	2	4	2	8

* Committee member numbers do not include students listed under Major Professor column.
(last updated 2007)

Editorship or Editorial Board:

Reviewer (2005-2008), Career and Technical Education Research, Association for Career and Technical Education, Champaign, IL.

Chair of Editorial Board and Field Editor (2000-2001), The Technology Teacher, International Technology Education Association, Reston, VA.

Editorial Board Chair (1998-1999), Journal of Vocational Education Research, Athens, GA.

Member of Editorial Board (1996-2005), The Technology Teacher, International Technology Education Association, Reston, VA.

Member of Editorial Board (2002-2003, 1997-1999), Journal of Vocational Education Research, Athens, GA.

Convention Papers:

**Peer Reviewed. # Paper with published counterpart. ** Invited presentation.*

** Hill, R. B. (2010, March). Excellence: Beginning to End. Keynote presentation for the FTE Spirit of Excellence Breakfast at the International Technology and Engineering Educators Association annual convention, Charlotte, NC.

**# Hill, R. B. (2009, November). Ready for work in the 21st century? It's a life-long process. Paper presented at the Global Human Resources Forum 2009, Seoul, Republic of Korea.

** Hill, R. B. & Lee, I. (2009, November). Preparing a 21st century workforce: Opportunities and challenges. Paper presented at Sunchon National University (SNU); Suncheon, Republic of Korea.

** Hill, R. B. & Lee, I. (2009, November). The work force and teacher education for the future. Paper presented at Seoul National University of Technology, Seoul, Republic of Korea.

** Hill, R.B. (2009, July). Vision into practice: Who will lead in 2015? Paper presented at the annual meeting of the Georgia Association for Career and Technical Education; Atlanta, GA.

** Hill, R.B. (2009, July). Engineering and technology education in a flat world. Paper presented at the annual meeting of the Georgia Association for Career and Technical Education; Atlanta, GA.

Miller, K., Johnson, T., Foutz, T., Hill, R. (2009, March). CLIMS: Communities of learners in math and science. Paper presented at the USDE Math Science Partnership Regional Meeting; Chicago, IL.

** Hill, R. B. (2009, March). Communities of Learners in Mathematics and Science. Paper presented at the annual meeting of the National Center for Engineering and Technology Education meeting during the International Technology Education Association annual convention, Louisville, KY.

**# Kim, S. J. & Hill, R. B. (2008, February). South Korean work ethic constructs. Paper presented at the annual meeting of the Academy of Human Resource Development International Research Conference in the Americas, Panama City, FL.

* Hill, R. B. & Petty, G. C. (2007, December). Work Ethic in the twenty-first century: A ten year comparison. Paper presented at the annual meeting of the Association for Career and Technical Education, Las Vegas, NV.

Denson, C., Avery, Z. & Hill, R. B. (2007, March). African American students' perceptions of technical careers. Paper presented at the annual meeting of the Council on Technology Teacher Education of the International Technology Education Association, San Antonio, TX.

* Shumway, S., Merrill, C., Hill, R. B. & Welty, K. (2007, March). Integrating engineering into technology teacher education. Paper presented at the annual meeting of the Council on Technology Teacher Education of the International Technology Education Association, San Antonio, TX.

Gregson, J. A., Rojewski, J. W., Jacobs, J. B., McKinney, F. L., McCaslin, N. L., & Hill, R.B. (2006, November). Current and future directions of research in career and technical education. Paper presented at the annual meeting of the Association for Career and Technical Education; Atlanta, GA.

Asunda, P & Hill, R. B. (2006, March). Critical features of engineering design in technology education. Paper presented at the annual meeting of the Council on Technology Teacher Education of the International Technology Education Association, Baltimore, Maryland.

Hill, R. B. & Wicklein, R. C. (2005, December). Engineering design: Present status and potential future for technology education. Paper presented at the annual meeting of the Association for Career and Technical Education, Kansas City, Missouri.

Feng, H. & Hill, R. B. (2005, October). Using technology to facilitate work ethic instruction. Paper presented at the annual international meeting of the Association for Educational Communications and Technology, Orlando, Florida.

Reed, P., Hill, R. B., Hoepfl, M., Brusica, S., & McLaughlin, C. (2005, March). Money, Money Everywhere. Paper presented at the annual meeting of the Council on Technology Teacher Education of the International Technology Education Association, Kansas City, Missouri.

Hill, R. B. (2005, February). Coming together: Technology education, business education, and engineering design. Paper presented at the 42nd Annual Southeastern Business and Marketing Education Conference, Athens, Georgia.

Hill, R. B. & Harnish, D (2004, December). Global perspectives on work ethic. Paper presented at the annual meeting of the Association for Career and Technical Education, Las Vegas, Nevada.

Hill, R. B., Schell, J. W., Petty, G. C., & Thompson, B. (2004, December). Do career and technical education programs prepare students for the world of work. Paper presented at the annual meeting of the Association for Career and Technical Education, Las Vegas, Nevada.

Petty, G. C., Hill, R. B., Brewer, E. W., & Donan B. (2004, December). The winds of change and the future of technology education. Paper presented at the annual meeting of the Association for Career and Technical Education, Las Vegas, Nevada.

** Hill, R. B. (2004, November). Technology teacher education and engineering design. 91st Annual Mississippi Valley Technology Teacher Education Conference, Rosemont, IL

Hill, R. B. (2004, February). Work ethic instruction as a component of business and marketing education. Paper presented at the 41st Annual Southeastern Business and marketing Education Conference, Athens, Georgia.

Petty, G. C., & Hill, R. B. (2003, December). School-to-work participants: How they rate on work ethic and teamwork. Paper presented at the annual meeting of the Association for Career and Technical Education, Orlando, Florida.

* Hoepfl, M., & Hill, R. B. (2003, March). Technology and society: Classroom strategies for addressing the standards. Paper presented at the annual meeting of the International Technology Education Association, Nashville, Tennessee.

* Hill, R. B., Wallin, D., Robinson, N., & Palmer, L. (2002, December). The effectiveness of post-secondary work ethic instruction. Paper presented at the annual meeting of the Association for Career and Technical Education, Las Vegas, Nevada.

* Schell, J. W., Hill, R. B., & Dewey, G. G. (2002, December). Using technology to build a community of learners. Paper presented at the annual meeting of the Association for Career and Technical Education, Las Vegas, Nevada.

Hill, R. B. (2002, December). President's Address; NAITTE Breakfast and Business Meeting. Presented at National Association of Industrial and Technical Teacher Educators, Las Vegas, Nevada.

* Hill, R. B., & Dewey, G. G. (2002, March). Ethics and the study of technology: Preparation for citizenship in a technological world. Council on Technology Teacher Education Special Interest Session at the annual meeting of the International Technology Education Association, Columbus, Ohio.

* Hill, R. B., & Schell, J. W. (2001, December). Authentic assessment using Web-based materials. Paper presented to the National Association of Industrial and Technical Teacher

Educators Special Interest Session at the annual meeting of the Association for Career and Technical Education, New Orleans, Louisiana.

- * Hill, R. B., & Dewey, G. G. (2001, March). Moral and ethical issues related to appropriate technology. Poster session presented at the annual meeting of the International Technology Education Association, Atlanta, Georgia.
- * Hill, R. B., & Petty, G. C. (2000, December). What every teacher needs to know about web-based instruction. Paper presented to the National Association of Industrial and Technical Teacher Educators Special Interest Session at the annual meeting of the Association for Career and Technical Education, San Diego, California.
- * Hill, R. B., & Wicklein, R. C. (2000, April). What will it take? Preparing holistic technology education teachers. Poster session presented at the annual meeting of the International Technology Education Association, Salt Lake City, Utah.
- * # Hill, R. B. & Wicklein, R. C. (1999, December). Technology teacher education and the changing roles of technology education teachers. Paper presented to the TED/NAITTE Research Symposium at the annual meeting of the Association for Career and Technical Education, Orlando, Florida.
- * Hill, R. B. (1999, December). Developing a Chinese language web site for work ethic instruction. Paper presented to the New and Related Services Division / IVETA at the annual meeting of the Association for Career and Technical Education, Orlando, Florida.
- * Bozarth, D. J. & R. B. Hill (1999, December). The role of mentoring in professional development. Paper presented to the NAITTE Special Interest Session at the annual meeting of the Association for Career and Technical Education, Orlando, Florida.
- * Wicklein, R. C., Hill, R. B., & Kachmar, C. (1999, March). Applications of appropriate technology design criteria in technology education. Poster session presented at the annual meeting of the International Technology Education Association, Indianapolis, Indiana.
- ** Hill, R. B., Scott, J. L., & Petty, G. C. (1998, December). Strategies for encouraging a positive work ethic through formal and informal instructional activities. Paper presented to the National Association of Industrial and Technical Teacher Educators Special Interest Session at the annual meeting of the American Vocational Association, New Orleans, Louisiana.
- * Hill, R. B., Mrotek, L., & Wincapaw, M. (1998, December). Work ethic instruction using the World Wide Web in a career pathways program. Paper presented to the New and Related Services Division at the annual meeting of the American Vocational Association, New Orleans, Louisiana.

- * Wicklein, R. C. & Hill, R. B. (1998, March). Appropriate technology and the technology education curriculum. Paper presented at the annual meeting of the International Technology Education Association, Fort Worth, Texas.
- # Wicklein, R. C. & Hill, R. B. (1998, March). Identifying the mental processes for solving technological problems. Poster session presented at the annual meeting of the International Technology Education Association, Fort Worth, Texas.
- * # Hill, R. B. & Wicklein, R. C. (1997, December). A factor analysis of mental processes for problem solving. Paper presented to the TED/NAITTE Research Symposium at the annual meeting of the American Vocational Association, Las Vegas, Nevada.
- * # Hill, R. B., Mrotek, L., & Wincapaw, M. (1997, December). Incorporating work ethic instruction within a career pathways program. Paper presented to the New and Related Services Division at the annual meeting of the American Vocational Association, Las Vegas, Nevada.
- * Hill, R. B. & Petty, G. C. (1997, December). Work ethic instruction using the world wide web. Paper presented to the Guidance Division at the annual meeting of the American Vocational Association, Las Vegas, Nevada.
- * # Rojewski, J. W. & Hill, R. B. (1997, December). Do gender and academic risk matter? Influences on career decision making and occupational choice. Paper presented to the American Vocational Education Research Association at the annual meeting of the American Vocational Association, Las Vegas, Nevada.
- * Womble, M. N. & Hill, R. B. (1997, December). Using the world wide web to enhance work ethic instruction in business education. Paper presented to the Business Education Division at the annual meeting of the American Vocational Association, Las Vegas, Nevada.
- * Hill, R. B. & Petty, G. C. (1997, December). Work ethic instruction using the World Wide Web. Paper presented to the Guidance Division at the annual meeting of the American Vocational Association, Las Vegas, Nevada.
- ** # Hill, R. B. & Somers, J. A. (1997, May). Integrating technology in a college of education. Invited paper presented at the National Association of State Directors of Teacher Education and Certification, Savannah, GA.
- # Hill, R. B. (1997, March). Frequency and duration of mental processes as an indicator of student performance. Poster session presented at the annual meeting of the International Technology Education Association, Tampa, FL.
- Alexander, C., Hill, R. B., Ivey, R., Moore, R., Newton, J., & Price, S. (1997, March). Technology education in Georgia: Modular education and beyond. Interest session presentation at the annual meeting of the International Technology Education Association, Tampa, FL.

- * Hill, R. B. (1996, December). Frequency-duration assessment of mental processes for problem-solving. Paper presented to the TED/NAITTE Research Symposium at the annual meeting of the American Vocational Association, Cincinnati, Ohio.
- * # Hill, R. B., Petty, G. C., & Cory, Jo Ann (1996, December). Is the work ethic history? A comparison of the work ethic of adolescents and adults. Paper presented to the Technology Education Division at the annual meeting of the American Vocational Association, Cincinnati, Ohio.
- * Hill, R. B. & Rojewski, J. W. (1996, December). Work ethic of at-risk youth. Paper presented to the American Vocational Education Research Association at the annual meeting of the American Vocational Association, Cincinnati, Ohio.
- * # Cory, J. A. & Hill, R. B. (1996, December). The effects of work ethic instruction. Paper presented to the Omicron Tau Theta Professional Studies Seminar at the annual meeting of the American Vocational Association, Cincinnati, Ohio.
- * Schell, J. W., Brown, T., & Hill, R. B. (1996, December). Exploring situated learning as a foundation for professional development. Paper presented to the Adult Vocational Education Association at the annual meeting of the American Vocational Association, Cincinnati, Ohio.
- Hill, R. B. (1996, October). The internet and web pages in the technology education lab: Versatile resource for the information age. Paper presented at the Georgia Industrial Technology Education Association Fall Conference, Valdosta, GA.
- Hill, R. B. (1996, April). Internet in the classroom. Paper presented at the Georgia Industrial Technology Education Association Spring Conference, Macon, GA.
- # Hill, R. B. (1996, April). Getting started with HTML: Developing your own homepage. Paper presented at the Georgia Industrial Technology Education Association Spring Conference, Macon, GA.
- # Hill, R. B. (1996, April). Work ethic of adolescent youth: Can technology education make a difference? Poster session presented at the annual meeting of the International Technology Education Association, Phoenix, AZ.
- # Petty, G. C. & Hill, R. B. (1996, March). Essential elements of work: A factor analysis of the Occupational Work Ethic. Paper presented at the annual meeting of the Academy of Human Resource Development, Milwaukee, WI.
- # Hill, R. B. & Petty, G. C. (1995, December). Work ethic constructs for peak performance. Paper presented at the annual meeting of the American Vocational Education Research Association, Denver, CO.

Hill, R. B. & Wicklein, R. C. (1995, October). Web page development for communication systems. Paper presented at the Georgia Industrial Technology Education Association Fall Conference, Jonesboro, GA.

Hill, R. B. (1995, May). The crash: Considering work ethic in an ill-structured problem. Paper presented at the Georgia Industrial Technology Education Association Spring Conference, Macon, GA.

Hatcher, T., Petty, G., & Hill, R. (1995, March). The work ethic: Measurement and research implications. Paper presented at the annual meeting of the National Society for Performance and Instruction, Atlanta, GA.

* # Wicklein, R. C. & Hill, R. B. (1995, March). The path less traveled: A researcher's perspective of the critical issues and problems in technology education. Poster session presented at the annual meeting of the International Technology Education Association, Nashville, TN.

* Hill, R. B. & Petty, G. C. (1994, December). Ready or not, work ethic is needed: Using the OWEI to guide work ethic preparedness. Paper presented to the Guidance Division at the annual meeting of the American Vocational Association, Dallas, TX.

* # Wicklein, R. C. & Hill, R. B. (1994, December). Obstacles impacting the future of technology education: A factor analysis of critical issues and problems in technology education. Paper presented at the annual meeting of the American Vocational Association TED/NAITTE Research Symposium, Dallas, TX.

* # Wicklein, R. C., Hill, R. B., Daugherty, M. K. (1994, December). Technology education in transition: Perceptions of teachers, administrators, and guidance counselors. Paper presented at the annual meeting of the American Vocational Education Research Association, Dallas, TX.

Hill, R. B. & Wicklein, R. C. (1994, October). Problem solving: What we are doing and why. Paper presented at the Georgia Industrial Technology Education Association Fall Conference, Statesboro, GA.

Hill, R. B. (1994, February). The work ethic: Nostalgia or necessity for the workforce of the 90s. Paper presented at the meeting of the 31st Annual Southeastern Business Education Conference, Athens, GA.

Wicklein, R. C.; Schell, J. W.; & Hill, R. B. (1993, October). Integrated programs of mathematics, science, and technology education: An exploratory study. Paper presented at the annual meeting of the Southeastern Technology Education Association, Atlanta, GA.

Wicklein, R. C. & Hill, R. B. (1993, October). Identifying critical issues and problems in technology education using a modified-delphi technique. Paper presented at the meeting of the annual meeting of the Georgia Industrial Technology Education Association, Rome, GA.

* # Hill, R. B. (1992, December). The work ethic as determined by occupation, education, age, gender, work experience, and empowerment. Paper presented at the annual meeting of the American Vocational Education NAITTE Graduate Research Symposium, St. Louis, MO.

Other Invited Presentations and Workshops:

Hill, R. B. (2009, June). CTE & FCS in a flat world. Presentation at the University of Georgia College of Family and Consumer Sciences *Summer College*; Athens, GA.

Hill, R. B. (2009, January). Work ethic: Key component for work-based learning programs. Presentation at the Regional Youth Apprenticeship / Work-Based Learning Workshop; Athens, GA.

Miller, K., Riddleberger, D., Foutz, T., Thompson, S., & Hill, R. B. (2008, September). CLIMS: Enhancing learning in mathematics and science through engineering design. Invited presentation for the *Accepting the STEM Challenge* PRISM Conference, Atlanta, GA.

Foutz, T., Thompson, S., & Hill, R. B. (2008, August). Enhancing learning in mathematics and science through engineering design. Invited presentation for the Northeast Georgia RESA Mathematics and Science Teacher Collaborative, Athens, GA.

Wicklein, R. C. & Hill, R. B. (2007, October). University of Georgia and the National Center for Engineering and Technology Education. Presentation at the Georgia Engineering and Technology Education Association Fall Conference, Conyers, GA.

Hill, R. B. (2007, October). Work ethic culture in our schools. Invited presentation for the Coweta County School System Leadership Academy, Newnan, GA.

Hill, R. B. (2007, October). Analyzing the CEC high school approach to work ethic. Invited presentation for the Central Educational Center faculty, staff, and community, Newnan, GA.

Hill, R. B. (2007, September). Work ethic: Key to economic development. UGA Fanning Institute, Athens, GA.

Hill, R. B. (2007, June). Work ethic and EnterpriseSouth.biz. Invited presentation at the Southern Growth Policies Board's Southern Workforce Summit conference hosted by Missouri Governor Matt Blunt, St. Louis, MO.

Hill, R. B. (2007, April). Creating a strong work ethic. Invited presentation for the Licking County Workforce Summit, Newark, OH.

Hill, R. B. (2005, October). Georgia technology education online culminating assessment. Presentation at the Georgia Industrial Technology Education Association Fall Conference, Savannah, GA.

* # ** Hill, R. B. (2003, January). Ethics and values: Essential components of technology education in the United States. Presented at the Initiatives in Technology Education – Comparative Perspectives forum at the Sheraton Mirage Gold Coast; Queensland, Australia.

Hill, R. B. (2002, May). Using Macromedia Flash in communication systems. Presentation at the Georgia Industrial Technology Education Association Spring Conference, McDonough, GA.

Hill, R. B. (2001, October). Technology education program certification: Updated status report. Presentation at the Georgia Industrial Technology Education Association Fall Conference, Athens, GA.

** Hill, R. B. (2001, October). Employability skills: A quality work force. Presentation at South East Texas Regional Planning Commission and Deep East Texas Council of Governments *Summit on Regionalism*, Beaumont, TX.

** Hill, R. B. (2000, October). Technology education program certification. Presentation at the Georgia Industrial Technology Education Association Fall Conference, Statesboro, GA.

Hill, R. B. (2000, October). Ethics for citizenship in a technological world. Presentation at the Georgia Industrial Technology Education Association Fall Conference, Statesboro, GA.

Hill, R. B. (2000, May). Work ethics in the information age. Presentation at the Georgia Industrial Technology Education Association Spring Conference, Macon, GA.

Hill, R. B. (1999, May). Maximum impact PowerPoint presentations. Presentation at the Georgia Industrial Technology Education Association Spring Conference, Macon, GA.

Wicklein, R. C. & Hill, R. B. (1999, March). Stimulating research in technology education. Research workshop funded by the Council on Technology Teacher Education conducted as a 2-day pre-session at the 1999 International Technology Education Association Annual Conference.

Hill, R. B. (1999, February). Electronic presentations: Maximizing your power with PowerPoint. Presentation at the Agricultural Education Mid-Winter Conference, Covington, GA.

Hill, R. B. (1998, October). Introduction to designing and building your own web pages. Instructional session presented at the Georgia Industrial Technology Education Association Fall Conference, Carrollton, GA.

Hill, R. B. (1998, May). Strategies for organizing and preparing materials for review. Presentation in conjunction with the College of Education Promotion and Tenure Seminar, The University of Georgia, Athens, GA.

Hill, R. B. (1997, October). Hands-on internet workshop. Instructional session presented at the Georgia Industrial Technology Education Association Fall Conference, Thomson, GA.

Hill, R.B. (1997, May). Work ethic research and instructional resources. Invited paper presented at the Psychology Consortium In-Service meeting for all psychology instructors at Technical Institutes in Georgia, Forsyth, GA.

Schell, J., Hill, R. B., & Brown, T. (1995, November). Situated cognition exploration group, retreat #1. Professional Development Activity, Occupational Research Group (UGA), and Georgia Department of Adult and Technical Education, Unicoi State Park, GA.

Schell, J., Hill, R. B., & Evanciew, C. (1995, June). Situated cognition exploration group, retreat #3. Professional Development Activity, Occupational Research Group (UGA), and Georgia Department of Adult and Technical Education, Jykell Island, GA.

Schell, J., Hill, R. B., & Evanciew, C. (1995, March). Situated cognition exploration group, retreat #2. Professional Development Activity, Occupational Research Group (UGA), and Georgia Department of Adult and Technical Education, Stone Mountain, GA.

4. PUBLIC SERVICE

Georgia Department of Education:

Georgia Performance Standards (GPS) End-of-Pathway Assessment Committee, (2007-2008) Member of committee charged with developing end-of-pathway assessment for Engineering Pathway. Instrument will be administered to students completing this pathway as evidence of competence in this area of study.

Georgia Performance Standards (GPS) Curriculum Committee, (2006-2007)
Chairperson for committee charged with developing performance standards for high school Engineering and Technology Education programs in Georgia. Provided leadership for creation of Manufacturing Pathway, Energy Systems pathway, and Electronics Pathway and three associated courses for each pathway to be offered for high school students across the state.

Georgia Performance Standards (GPS) Curriculum Committee, (2005-2006)

Chairperson for committee charged with developing performance standards for high school Engineering and Technology Education programs in Georgia. Provided leadership for creation of Engineering Pathway and four associated courses to be offered for high school students across the state. Developed proposal for Science, Technology, Engineering, and Mathematics (STEM) performance standards applicable to all Engineering and Technology courses offered in Georgia.

Professional Associations:

International Technology Education Association. (2004, April). Reviewer for Technology Education Program Certification; Mundy's Mill High School, Jonesboro, GA & North Clayton High School, College Park, GA.

Georgia Technology Student Association. (2005, April; 2004, April; 2003, April; 2002, April; 1999, April; 1998, April; 1996, May; 1995, April). Served as a judge for annual Georgia Technology Student Association Conference in Perry, GA. Evaluated student participation in competitive events.

Georgia Industrial Technology Education Association. (1998, November). Participant in Jackson Lake Strategic Planning Project, representing university teacher education programs, as plans were made for future directions for the GITEA. Covington, GA.

Georgia Technology Student Association. (1997, September). Served as a college representative on the Georgia TSA Strategic Planning Meeting in Covington, GA. Provided guidance and assistance in planning future directions for this state organization.

Georgia Industrial Technology Education Association, Area 2. (1996, February). Internet and World Wide Web presentation for semi-annual meeting in Athens, GA. Advised area technology teachers about ways to get connected to the internet for instructional use and what resources are available to assist them in their courses.

Georgia Industrial Technology Education Association. (1995, May). Statewide internet workshop conducted at the university in the departmental computer lab for technology education teachers from across the state. Assisted teachers in establishing email accounts, provided instruction on use of email and other internet resources, and discussed ways of using the internet in instruction.

Georgia Technology Student Association. (1994, April). Provided assistance and served as judge for student competitive events at the 32nd annual Georgia Technology Student Association Conference in Atlanta, GA. Evaluated student work in areas of video production and aerospace technology.

Schools:

Roosevelt Warm Springs Institute for Rehabilitation. (1996, May-June). Provided 2 days of professional development instruction for Roosevelt Institute staff and administrators in use of microcomputers and information systems resources.

Lovejoy High School. (1996, February). Guest speaker for the Technology Department Career Day program at Lovejoy High School, Hampton, GA. Topic presented was Research, teaching, and service: The work of a university professor.

5. OTHER SERVICE

National Professional Organizations:

Co-Chairperson (2005-2009), Council on Technology Teacher Education Leadership Development Committee

Past-President / Trustee (2003-2005), National Association of Industrial and Technical Teacher Educators

Member (2005-2009), Yearbook Committee, Council on Technology Teacher Education

President (2001-2003), National Association of Industrial and Technical Teacher Educators

Member (2000-2001), International Technology Education Association 63rd Annual Conference Local Planning Committee

President-Elect (1999-2001), National Association of Industrial and Technical Teacher Educators

Secretary (1995-1999), National Association of Industrial and Technical Teacher Educators

Auditor (1995), National Association of Industrial and Technical Teacher Educators

Member (1995-present), Research Committee, Council on Technology Teacher Education

Member (1994-1998), Research Committee, Technology Education Division, American Vocational Association

Member (1995-1996), Program Committee, 1996 Annual National Extension Technology Conference, Atlanta, GA

State Professional Organizations:

Technology Education Affiliate Representative (1998), Public Relations Committee of the Georgia Vocational Education Association

Co-Chairman (1994-1997), Georgia Industrial Technology Education Association Area 2

College Representative (1996-1998), Technology Education Affiliate, Georgia Vocational Association

Local:

Member Technology/Career Education Advisory Committee (1999-present), Oconee County High School.

The University of Georgia:

Member (2005-2007), College of Education Research Advisory Committee, University of Georgia, Athens, GA.

Member (2003-2006), College of Education Curriculum Committee, University of Georgia, Athens, GA.

Member (2005- present), College of Education Technology Advisory Council, University of Georgia, Athens, GA.

Roger B. Hill, Ph.D.
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Roger B. Hill is the Department Head for Workforce Education, Leadership, and Social Foundations; a professor in the Program of Workforce Education; and an affiliate member of the Faculty of Engineering at the University of Georgia. He holds an undergraduate degree from North Carolina State University and a Master's degree from Northern Illinois University. Dr. Hill received a Ph.D. in 1992 from the University of Tennessee with a major in Technological and Adult Education.

Dr. Hill's professional experience includes four years teaching at the high school level and he joined the faculty at the University of Georgia in 1993. He is recognized nationally for his writing, online materials, and scholarly work related to work ethic and work attitudes. His research agenda focuses on affective characteristics necessary for success in information age occupations. He has integrated this line of research with instructional responsibilities related to engineering and technology education, computer information systems, and human resource development.