

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:

1990-2007 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)

| 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 |
| Total ----- | | | 971 ----- |

Departmental Curriculum Development:

Developed and taught two graduate-level and three 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.

EBUS 5050/7050 was developed and taught for the first time in the fall of 2007. This computer programming course is a required part of the revised program of study for the Business Education area of emphasis under the CTE degree. The course provides opportunities for participants to become prepared to teach Java programming within the context of school and workplace settings.

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:

Current advisees include 10 doctoral students, 3 educational specialist students, and 14 Master’s students. Since being appointed to the graduate faculty in April 1997, advisees who have graduated included 6 doctoral students, 2 educational specialist students, and 41 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. (in press). 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.

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:

* Asunda, P. & Hill, R. B. (in review). Preparing technology teachers to teach engineering design. Journal of Industrial Teacher Education.

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

* 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%)
Twelve additional journal articles, ten that were peer reviewed, prior to 1998 promotion to Associate Professor.

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:

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]

Two additional conference proceedings papers prior to 1998 promotion to Associate Professor.

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.

Nine additional funded grants prior to 1998 promotion to Associate Professor.

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.

Five additional grants submitted, not funded prior to 1998 promotion to Associate Professor.

Recognitions and Outstanding Achievements:

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.

Twelve additional awards received prior to 1998 promotion to Associate Professor.

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 January 2007, I chair ten doctoral committees and serve as a member of eight 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.

Editorship or Editorial Board:

Reviewer (2005-2007), Career and Technical Education Research, American Vocational Education Research Association, 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. & 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, MD.

* 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, MO.

* 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, FL.

* 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, MO.

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, GA.

* 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, NV.

* 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, NV.

* 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, NV.

** 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, GA.

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, FL.

* 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, TN.

* 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, NV.

* 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, NV.

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, NV.

- * 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, OH.
- * 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, LA.
- * 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, GA.
- * 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, CA.
- * 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, UT.
- * # 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, FL.
- * 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, FL.
- * 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, FL.
- * 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, IN.
- ** 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, LA .
- * 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, LA.

Thirty-four additional convention papers prior to 1998 promotion to Associate Professor.

Other Invited Presentations and Workshops:

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.

Six additional invited presentations or workshops prior to 1998 promotion to Associate Professor.

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.
Four additional professional association and school public service activities prior to 1998 promotion to Associate Professor.

5. OTHER SERVICE

National Professional Organizations:

Co-Chairperson (2005-2007), 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
Seven additional positions of service to national and state professional associations prior to 1998 promotion to Associate Professor

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.