

**CURRICULUM VITAE  
OF  
Timothy A. Smith  
June 2003**

**GENERAL INFORMATION**

Office Address:	Department of Behavioral Science College of Medicine University of Kentucky Lexington, KY 40536-0086	Office Phone:	(859) 323-6510
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Certificate or Specialty Licenser: N/A

**EDUCATION**

1954-58	Marquette University, Cum Laude, B.S. Major: Psychology Minor: Philosophy
1958-61	University of North Carolina, M.A. Major: Psychology
1961-63	University of North Carolina, Ph.D. Major: Psychology, Area of specialization - Psychometrics Minor: Statistics and Mathematics

**ACADEMIC APPOINTMENTS**

1961-62	Assistant Instructor, Part-time, Psychology Department, University of North Carolina, Chapel Hill, North Carolina
1962-63	Instructor, Full-time, Psychology Department, Florida State University, Tallahassee, Florida
1963-69	Assistant Professor, Full-time, Psychology Department, Florida State University, Tallahassee, Florida
1968-Summer	Research Associate, Full-time, Harvard Computer-Aided Instruction Laboratory, Harvard University, Cambridge, Mass.
1969-73	Associate Professor, Full-time, Department of Community Dentistry and Department of Educational Psychology and Counseling University of Kentucky and Director of CAI Program for the College of Dentistry, Lexington, Kentucky
1972-Summer	Visiting Scientist, (Leave of Absence), Lincoln Laboratory, Summer Massachusetts Institute of Technology, Lexington, Mass.
1973-75	Director of Learning Resources and Professor, Full-time, Department of Community Dentistry and Department of Educational Psychology and Counseling, University of Kentucky, Lexington, Kentucky.

1974-Summer Faculty member and group leader, (Leave of Absence), TEAM Workshop, sponsored by the Division of Dentistry and Harvard School of Dental Medicine, Cape Cod, Massachusetts

1975-76 Director of Dental Education Profiles systems Contract, American Association of Dental Schools, (Leave of Absence), Washington, D.C.

1976 Fellow in Preventive and Social Medicine, Full-time, Harvard School of Medicine, Boston, Massachusetts (Sabbatical)

1980-Summer Consultant, Alaska Department of Education (Leave of Absence), Juneau, Alaska

1983-Fall Visiting Professor, Department of Community Dentistry,  
1984-June University of Washington, Seattle, Washington

1976-1987 Professor, Full-time, Department of Community Dentistry and Department of Educational and Counseling Psychology, University of Kentucky, Lexington, Kentucky

1988-1995 Professor, Full-time, Department of Oral Health Science and Department of Educational and Counseling Psychology, University of Kentucky, Lexington, Kentucky

1990-Fall Visiting Professor, Department of Child Dental Health and Community Dentistry, Royal Dental College, University of Aarhus, Denmark

1991-June Visiting Scholar, Horace H. Rackham School of Graduate Studies, University of Michigan, Ann Arbor, Michigan

1993- Affiliate Professor, Department of Dental Public Health Sciences, University of Washington, Seattle, Washington

1996- Professor, Full-Time, Department of Behavioral Science, College of Medicine, and Departments of Oral Health Science and Educational and Counseling Psychology, University of Kentucky

## **CONSULTING**

1968 Harvard University, Computer-Aided Instruction Laboratory, Cambridge, Massachusetts  
Duke University, Department of Education, Durham, North Carolina  
New York Institute of Technology, Old Westbury, New York

1969 Minneapolis Honeywell, Incorporated, Military Products Group Research Laboratory, Life Sciences Division, Minneapolis, Minnesota

1968-69 Eastman Kodak Company, Management Systems Development Department, Rochester, New York

1970 Lincoln Laboratory, Massachusetts Institute of Technology, Lexington, Massachusetts

1971 College of Dentistry, University of Maryland, Baltimore, Maryland

1972 Office of Grants and Contracts, Division of Dental Health, Bethesda, Maryland  
 Lincoln Laboratory, Massachusetts Institute of Technology, Lexington, Massachusetts

1972-78 Reviewer of Oral Research Abstracts, Chicago, Illinois

1973-75 Office of Dental Education, College of Dentistry, University of Kentucky, Gainesville, Florida

1974 Dental Health Center, Division of Dentistry, San Francisco, California  
 College of Dentistry, Harvard University, Boston, Massachusetts  
 College of Library Science, University of Kentucky, Lexington, Kentucky

1975 Department of Dental Auxiliaries, Chattanooga State Technical Community College, Chattanooga, Tennessee  
 Division of Resource Development, Health Manpower Branch, DHEW, Region I, Boston, Massachusetts

1976 Lincoln Laboratory, Massachusetts Institute of Technology, Lexington, Massachusetts

1977 College of Dentistry, University of Minnesota, Minneapolis, Minnesota  
 Science Research Associates, Chicago, Illinois  
 Evaluator, Communication Technology Satellite Project, University of Kentucky College of Dentistry, Lexington, Kentucky

1979 College of Dentistry, University of Washington, Washington  
 Educational Telecommunications for Alaska Project, Department of Education, State of Alaska, Juneau, Alaska

1980-83 Educational Telecommunications for Alaska Project, Department of Education, State of Alaska, Juneau, Alaska  
 An Undergraduate Science Program in Psychology, National Science Foundation CAUSE grant, Psychology Department, University of Kentucky, Lexington, Kentucky

1985 Distance Education Study, Department of Education, State of Alaska, Juneau, Alaska

1992 Florida Teletraining Project, Central Florida University, Orlando, Florida

1988-93 Veterans Administration -- Nursing Service, Lexington, Kentucky

1997 Bureau of Health Professions, Health Resources and Services Administration

1999 Health Studies Institute, Inc., Deerfield Beach, Florida

- 2000 ORCCA Technology, Lexington, Kentucky  
Faculty of Medicine, University of Helsinki, Finland
- 2001 Pikeville College School of Osteopathic Medicine  
ORCCA Technology, Lexington, Kentucky
- 2001 Center for Scientific Review, Special Emphasis Panel, National Institutes of Health
- 2003 Reviewer of proposals for Centers for Population Health and Health Disparities, National  
Institute of Environmental Health Sciences

## **TEACHING ACTIVITY**

Undergraduates: College of Arts & Sciences, Florida State University

1962-69 Introduction to Psychology  
Adolescent Psychology

1965-69 Introduction to Statistics  
Educational Psychology

1974-75 Honors Program, University of Kentucky  
Independent Study in Computer-Assisted Instruction

Graduate: Department of Psychology, Florida State University

1962-69 Psychological Measurement  
Analysis of Variance  
Multivariate Teaching in Psychology

Department of Education Psychology and Counseling: University of Kentucky

1970, 1977 EDP522 Educational Tests and Measurements  
1971-74 EDP658 Seminar in Instructional Development  
1975 EDP557 Educational Statistics  
1982-86,89,90,92  
1978-81, EDP656 Methodology of Educational Research  
1987-88, 93  
1986,88 EDP610 Theories of Learning in Education  
1993 EDP548 Educational Psychology  
1998 BSC620 Orientation to Medical Behavioral Science  
2002 BSC626 Survey of Health Psychology

Professional:

College of Dentistry: University of Kentucky

1978-84 CDS848 Training in Expanded Auxiliary Management, Seminars, Course Director, 1979-84  
 1978-80 CDS828 Growth and Development, Lecturer  
 1978-79 CDS814 Introduction to Preventive Dentistry, Lecturer  
 1979-87 CDS820 Patient Management II, Lecturer and Seminar Leader  
 1987-97 CDS823 Patient Management II, Course Director  
 1979-85 CDS810 Patient Management I, Lecturer  
 1980-82 CDE850E Health Care Organization, Course Director, Department of Orthodontics  
 1984-85 CDE655 Practice Environment and Practice Management, Course Director  
 1985-89 CDS834 Treatment Planning, Lecturer and Course Director (89)  
 1985-87 CDS840A Patient Management IV, Course Director  
 9-86, 12-86 Continuing Education, Treating Dental Fear  
 1985-91 CDE841 Dental Practice Field Experience, Site Visitor  
 1989 CDS612 Child Growth and Development, Lecturer  
 1990-93 ORT770 Orthodontic Seminar-Psychology 9  
 1991-96 CDE841 Dental Practice Field Experience, Course Director  
 1992-03 CDE850L Treatment of Dental Fear, Course Director  
 1991-96 CDE850C Individualized Externship, Course Director  
 1991-96 CDE850D Summer Externship, Course Director  
 1992 PDO820 Pediatric Dentistry  
 1992-94 Review of Statistics for GPR and Pediatric Residents  
 1996-03 OBI650 Oral Biology for Post-Doctoral Student Dentists  
 1998-03 BSC824 Communication in the Dental Health Care Setting

College of Medicine: University of Kentucky

1996-97, 99-00 MD 810 Patients, Physicians, and Society I, Preceptor  
 01-02  
 1997-98, 00-01 MD 820 Patients, Physicians, and Society II, Preceptor  
 02-03  
 1998 MD 811 Introduction to Medical Profession I, Tutor  
 1998-99 MD 821 Introduction to Medical Profession II, Tutor

School of Public Health: Harvard University

1976 Seminar in Instructional Development and Teaching Techniques, Course Director

**ADVISING ACTIVITY**

Master's Committee Chairman: Florida State University

1967 Robert Lushene  
 1968 Arthur King  
 1969 Ted Wilson

Master's Committee Member: Florida State University

1965 Rosella Schaekel  
 1966 Laura Hodges  
 James Karas  
 Richard Busman  
 1967 Dennis Roberts

Doctoral Committee Member: Florida State University

1964	John Quagliano	1967	Dennis Roberts
1965	Carl Insalaco	1968	Bower Johnston
1966	Russell Brokaw		Robert Lushene
	Jerome Rosenberg		

Advisor for National Science Foundation Program for Psychology Teachers Summer Research Fellows: Florida State University

1965	Carl Shaw
1966-67	John Yancey

Doctoral Committee Chairman: University of Kentucky

1970-72	Phillip Weinstein	1978-83	Ann Chapman
1971-75	Alan Kaplan		1987-90 Mohammad Edjlai, Co-Chairman
1971-72	Alan Blitz		1990-96 Dale Buckles
1972-74	David Roebker		1992-95 Ben Bogia
1978-82	Mary Goodykoontz Faulk		1994-97 Janis Houston
1994-	Janice Bowers	2001-	Tierra Freeman, Co-Chairman
1997-	Bonita Quarles	2001-	Robert Fons
1998-	Leslie Stamatias, Co-Chairman	2002-	Lisa Durham, Co-Chairman
2000-	Karen Strand		

Doctoral Committee Member: University of Kentucky

1970-77	Ernest Fowler	1983-91	Patricia Thomson
1970-72	J. Wayne Ashley	1987-97	Robert Fons
1971-74	Robert Emling	1988-95	Erin Yang
1976-84	Mary Alice Diedrich	1988-92	Primrose Mngadi
1978-85	Carol Callebs	1989-95	Emmanuel O'Korley
1979-85	David Lowe	1989-95	Cliff Young
1978-82	Gary Phillips	1991-93	Deborah Danner
1977-83	John Watson	1991-02	Terry Martin
1978-85	Steve Smith	1992-1994	Hu Yi
1980-87	Steve Skiles	1995-96	Ruth Staten
1981-84	Robert Boggs	1995-	Kimberly Walters-Parker
1989-90	Doris Stilwell	1995-96	James Concotelli
1982-93	Mike Norris	1996-	Chris Webb
1983-85	Connie Kohler	1997-00	Edward Marshall
		2000-	Karen Lewis-Tamme
		2000-	Deborah Burton
		2002-	Jay Castaneda
		2002-	Lisa Heaton

Master's Degree Advisor: University of Kentucky

1981-83	Larry Breeding
1989-94	Jill Becker

1984-88 Charles Cunningham

Master's Degree Committee Member: University of Kentucky

1974	Gary Williams	2000-2001	Jay Castaneda
2000-2001	Lisa Heaton	2000-	Aaron Carner

Outside Reader for the Graduate School: University of Kentucky

1978	Kathleen Miller, Department of Psychology John Little, School of Music
1997	Edward Haigler, Department of Psychology
1998	Maureen Mascha, Business Administration Cathleen L. Miller, Business
2000	Margarita Sullivan Rupp, Education
2002	Kristina Krampe, Education

Pre-Examiner, Faculty of Medicine, University of Helsinki, Finland

2000 Tarja Kaakko

Specialist Committee Member: University of Kentucky

1977 Victor Gaines

Student Academic Advisor, College of Dentistry: University of Kentucky

1980	Garth Bobrowski	1980-81	Steve Agent
1981-82	Keith Brammel	1980-84	Steve Stigers
1979-83	Charles Bohle	1988-92	Tawnya Muse
1988-92	Kim Brown	1990-93	Eric Dixon
1991-95	Lisa Neal	1992-96	Joe Danzer
1992-96	Corey Stith	1993-97	Cindy Ratliff
1994-98	Stacie Couch	1996-97	Andy McDaniel

Patient Coordinator, College of Dentistry: University of Kentucky

1983 Second Year Clinic (15 students)

## **ADMINISTRATIVE ACTIVITY AND UNIVERSITY SERVICE**

### Dental College:

1967-70	Admission's Committee
1969-72, 1979, 1991-02	Academic Performance Committee
1969-70, 1971-72	Curriculum Committee
1971-79	Departmental Chairman Evaluation Committees Orthodontics (Chairman) Restorative Dentistry (Chairman) Oral Diagnosis (Chairman) Endodontics (Chairman)

	Oral Surgery (Chairman)
	Prosthodontics (Chairman)
1972-74	Ad Hoc Committee on Dental Records
1973-74,	
1976-81, 91-94	Appointments, Promotion, and Tenure Committee
1978-79	Acting Chairman, Appointments, Promotion and Tenure Committee
1973-75	Curriculum Committee
1973-75	Faculty Council
	Administrative Council
1973-74	Extramural Affairs Development Committee
1974-75	Faculty Evaluation Committee
	Faculty Development Committee
	College of Dentistry Space Committee, Chairman
1977-80	Educational Resource Development Committee
1977-78	Clinical Teaching Advisory Committee to Special Project Grant, Chairman
1978	Preceptor Advisory Committee to Special Project Grant
1981-82	Chairman, Committee on Behavioral Standards in Patient Care
1982	Chairman, Grade Review Committee
	William Shores
	Marilyn Brown
	Hans Noffsinger
1984	Member, Behavioral and Management Science Subcommittee, University of Kentucky/University of Louisville
	Interinstitutional Curriculum Committee
1986-87	Alumni Affairs
1987	Search Committee, Chairman Department of Oral Health Science
1987	Grade Review Committee, Greg Witte
1988-90	Education Program Advisory Committee
1989	Chairman, Behavioral Sciences Self-Study, Accreditation Committee
1989-90	Curriculum Subcommittee
1992	Commonwealth Library Campaign
1993-94	Faculty Development Leadership Team
1994-95	Public Service Leadership Team
1995-97	Behavioral Science Accreditation Subcommittee
1997-98	Basic and Behavioral Science Liaison Committee

College of Medicine:

1996-	Interviewer, College of Medicine Admissions Committee
2000-2001	Co-coordinator, Brown Bag Seminar, Department of Behavioral Science

College of Education:

1966-70	Ad Hoc Committee on Research Instruction
1977-96	Elementary Education Program Committee
1983-85	Technology Advisory Group, Regional Resource Center in Special Education

Medical Center:

1972-75	Communication Systems Committee (Chairman 1974-75)
1973-75	Facilities Advisory and Health Sciences Learning Center/College of Nursing Building Planning Committee
1993-96	Preceptor Education Task Force

1994 Telemedicine Workshop Group  
1994-96 Telemedicine Evaluation Group  
1997-04 Medical Institutional Review Board

University:

1971-75 Computer Advisory Committee for Research Instruction  
1973-75 Council on Experiential Education, Chairman Government Sub- Committee  
1989-90 Ad Hoc Committee on Common Course Evaluation Forms  
1993 Communication Styles Focus Group, The Peggy S. McClintock Steering Committee  
and The Human Diversity Committee  
1991-97 Senate Advisory Prior Service Committee  
1991-95 Senate Library Committee  
1993-96 University Appeals Board, Alternate

**HONORS**

1958 B.S. Degree, CUM LAUDE, Marquette University  
1958-59 Ford Behavior Science Fellowship, University of North Carolina  
1959-60 National Science Foundation Intermediate Fellowship, University of North Carolina  
1960-61 National Science Foundation Intermediate Fellowship, University of North Carolina  
1962 National Science Foundation Summer Intermediate Fellowship, University of North Carolina  
1968 Guest Editor, Journal of School Psychology, special issue on "Computer Uses in the  
Schools"  
1976 Fellow in Preventive and Social Medicine, Harvard School of Medicine, Boston Massachusetts  
1984 Judge, Educational Exhibits, 61st Annual Session of the American Association of Dental  
Schools, Dallas, Texas  
2002 Judge, 2002 Giddon Award for Distinguished Research in the Behavioral Sciences, Behavioral  
Sciences and Health Services Research Group of the International Association of Dental  
Research.

Biography Appears In:

Personalities of the South, 12th Edition, 13th Edition  
Personalities of America, 3rd Edition  
Who's Who in Frontier Sciences and Technology, 1st Edition  
Who's Who in the South and Southwest, 18th Edition, 20th Edition, 23rd Edition, 24th  
Edition, 25th Edition  
Men of Achievement, 10th Edition  
Who's Who in the Biobehavioral Sciences  
American Men and Women of Science, 1995-1996  
The International Who's Who of Contemporary Achievement  
Directory of Distinguished Americans, 2nd Edition  
Dictionary of International Biography, 15th Edition  
Who's Who Among Human Services Professionals  
American Men and Women of Science  
Who's Who in the World, 1995-1996  
Who's Who in American Education, 1996-1997  
Who's Who in Medicine and Healthcare, First Edition and Second Edition

**PROFESSIONAL ACTIVITY**

Professional Organizations:

American Psychological Association  
 American Educational Research Association  
 Kentucky Psychological Association  
 American Association of Dental Schools  
 International Association For Dental Research  
 Society of Behavioral Medicine  
 Kentucky Oral Health Consortium, Inc.  
 Psychometric Society

Positions Held In Professional Societies:

National and International:

- 1971 Program Director of Workshop in the Exchange of Instructional Materials, Chairman of Educational Resources Group, Lexington, Kentucky
- 1972 Member, Program Committee for Health Professions Education American Educational Research Association Special Interest Group, 1973 Annual Meeting Program, New Orleans, Louisiana  
 Member of the Ad Hoc Committee on Education of the American College of Dentists, National Medical Audio-Visual Center, Atlanta, Georgia  
 Member of Evaluation Sub-Committee of Project ACCORDE
- 1973 Chairman, Section on Learning Resources, American Association of Dental Schools
- 1974 Member, Advisory Group for the Communication Technology Satellite Division of Dental Health, Bureau for Health Manpower, Public Health Service  
 Attendee, Preventive Dentistry Workshop, sponsored by Proctor and Gamble and the University of Florida, Palm Beach, Florida
- 1977 Member, Instructional Exchange Committee, Behavioral Science Section, American Association of Dental Schools
- 1980 Member, Program Committee and Moderator of Educational Research and New Programs Presentations, American Association of Dental Schools Meeting, Los Angeles, California;  
 Program reviewer for Division I, Education in the Professions, American Education Research Association, 1981 Annual meeting, Los Angeles, California
- 1982 Program Reviewer for Division I, Education in the Professions, American Education Research Association, 1983 Annual meeting, Montreal, Canada
- 1983 Reactor for curriculum guidelines of Behavioral Science section of the American Association of Dental Schools
- 1985 Evaluator, Division I: Education in the Professions, American Education Research Association, 1985 Annual meeting, Chicago, Illinois
- 1985 Program Reviewer for Division C, Learning and Instruction, American Education Research Association, 1986 Annual Meeting, San Francisco, California

Program Reviewer for Educational Research Presentations, 63rd AADS Annual Meeting, Washington, D.C., March, 1986.

- 1988 Secretary, Section on Behavioral Sciences, American Association of Dental Schools.  
Chairman, Session A: Behavioral Science II - Fear and Pain Perception, 66th General Session, International Association for Dental Research, Montreal, Canada, March 10, 1988.
- 1989 Chairman - elect, Section on Behavioral Sciences, American Association of Dental Schools.  
Chairman, Behavioral Science and Health Services Research Session 7 - Fear/Dentist Behavior, 67th General Session, International Association for Dental Research, Dublin, Ireland, July 1, 1989.
- 1989-1995 Member, Editorial Review Board, Journal of Dental Education.
- 1989 Program Reviewer for Behavioral Science Health Services Research Section of both American and International Association for Research Meetings, 1989 Annual Meetings, San Francisco, Calif. & Dublin, Ireland.
- 1989-92 Member, Council of American Association for Dental Research.
- 1990 Member, Advisory Board, Motivational Dentistry The Newsletter of Psychological Issues in Dentistry.
- 1990-91 Chairman Section on Behavioral Sciences, American Association of Dental Schools
- 1992 Co-Chairman, Behavioral Science and Health Services Research Group - Behavioral Sciences, Dental Fear, and Anxiety Session, 70th General Session, International Association for Dental Research, Glasgow, Scotland, July 4, 1992.
- 1993 Program Reviewer for Educational Research Presentations, 71st AADS Annual Meeting, Seattle, Washington, March, 1994.  
Chairman, Behavioral Sciences and Health Services Research Group-Dental Fear: Epidemiology and Treatment, Oral Session, 71<sup>st</sup> General Session of the International Association for Dental Research, Chicago, IL. , March 13, 1993.
- 1994 Program Reviewer for New Program Presentations, 72nd Annual Session of the American Association of Dental Schools, San Antonio, Texas, March, 1995.
- 1998 Chairperson, Behavioral Sciences and Health Services Research Group-Fear and Anxiety, Oral Session, 76<sup>th</sup> General Session of the International Association for Dental Research, Nice, France, June 26, 1998.
- 2002 Judge, Giddon Award for Distinguished Research in the Behavioral Sciences, Behavioral Sciences and Health Services Research Group of the International Association for Dental Research, San Diego, CA, March 7, 2002.

State:

- 1975 Member of Membership Committee, Kentucky Psychological Association

- 1979-80 Member, Committee on Basic and Applied Research, Kentucky Psychological Association
- 1986-88 Vice-President, Kentucky Section American Association for Dental Research
- 1988-89 President, Kentucky Section American Association for Dental Research

Occasional reviewer for:

Journal of Preventive Dentistry  
 Journal of the American Dental Association  
 United States - Israel Binational Science Foundation  
 Scientific Review Branch, National Institute of Dental Research  
 American Psychological Association 1994 Dissertation Awards Program  
 Health Resources and Services Administration  
 National Institute of Environmental Health Services  
 Center for Scientific Review, National Institutes of Health

**SPEAKING ENGAGEMENTS**

International:

- 1973 In-Service Training Program in Pedagogy and Curriculum Innovation Workshop presented to Faculty of Dentistry, University of Toronto, Canada.
- 1974 Instructional Media in a Flexible Dental Curriculum. Paper presented at Workshop of the Dental Section, PAHO/WHO on the use of Audio-Visual Materials in the Teaching of Dentistry, School of Dentistry, University of Puerto Rico, San Juan, Puerto Rico.
- 1990 Survival of Dental Education in the 90's - Behavioral Science's Role, Guest Lecture, Aarhus Royal Dental College, Denmark, November 8.

National:

- 1968 Computer Uses in the Schools. Paper presented at the meeting of the 76th Annual Convention of the American Psychological Association, Confrontation Session: Author's confront their public, San Francisco, California.  
  
 Yancey, J.M. and Smith, T.A., Computer-Assisted Instruction Programming Techniques as an Aid in the Teaching of Introductory Psychology. Paper presented at the meeting of the American Psychological Association, San Francisco, California.
- 1969 Smith, T.A. and Shaw, C.N., The Structural Analysis of Objective Difficulty Level as an Aid in Planning an Instructional System. Paper presented at the meeting on the National Council on Measurement in Education, Los Angeles, California.
- 1970 Mullaney, T.P., Duell, R.C., Smith, T.A. and Blair, H.A., Programmed Simulation of Clinical Endodontic Problems. Paper presented at the Second annual Audio-Tutorial System Conference, Purdue University, Lafayette, Indiana.
- 1971 Smith, T.A. and Packer, M.W., The Use of Computer-Assisted Instruction in a Flexible Dental Curriculum. Paper presented at Winter meeting of the Association for Development of Instructional Systems, State University of New York at Stony Brook, New York.

- Dobbins, H.R. and Smith, T.A., A CAI Demonstration Program. Table Clinic presented at the Workshop on the Exchange of Instructional Materials, Lexington, Kentucky.
- 1972 Monitoring Systems for Evaluating Curriculum Change. Paper presented at the Conference on Curriculum Change, sponsored by the Division of Dental Health, Asilomar Conference Grounds, Pacific Grove, California.
- 1973 Blitz, A.N. and Smith, T.A., Personality Characteristics and Performance on Computer-assisted Instruction and Programmed Text. Paper presented at the American Education Research Association Meeting, New Orleans, Louisiana.
- Smith, T.A. and Fitzgerald, W., Demonstration of Computer-assisted Instruction Programs in Dentistry. Table Clinic presented at the 50th Annual Session of the American Association of Dental Schools, Section of Learning Resources, Washington, D.C.
- Evaluating the Effectiveness of CAI, Paper presented at the Invitational Conference on the Instructional Uses of Computers in Dental Education, University of Michigan, Ann Arbor.
- Smith, T.A. and Dobbins, H.R., Activity Summary of the University of Kentucky College of Dentistry. Association for the Development of Computer-based Instructional Systems. University of Michigan, Ann Arbor.
- 1974 Smith, T.A. and Wittrock, J., Computer-assisted Self-Testing in Operative Dentistry. Table Clinic presented at the 51st Annual Session of the American Association of Dental Schools, Section of Learning Resources, Atlanta, Georgia.
- Smith, T.A., Curriculum. Paper presented at the TEAM Workshop, sponsored by the Division of Dentistry and Harvard School of Dental Medicine, Cape Cod, Massachusetts.
- 1976 Cooper, T.M. and Smith, T.A., University of Kentucky CTS and Faculty Course Offerings. Presented at Communications Technology Satellite Dental Network Project Meeting, N.I.H., Bethesda, Maryland.
- 1978 Computer Activities at the University of Kentucky College of Dentistry. Paper presented at the Pre-Annual Session program, Section of Learning Resources, at the 55th Annual Session of the American Association of Dental Schools, Washington, D.C.
- Cooper, T.M. and Smith, T.A., Experiment Review No. 6: the Dental Project. Paper presented at PHS Experiments in Biomedical Communications Using the CTS Symposium, Alexandria, Virginia.
- 1979 An Experiment in a Flexible Dental Curriculum. Paper presented at Eighth Annual Conference of the Health Education Media Association, Lexington, Kentucky.
- 1981 Student Audit Trails in Computer-Assisted Instruction. Paper presented in Symposium on Designing Education in Culturally Diverse, rural Settings Using Modern Technology at the Meeting of the American Psychological Association, Los Angeles, California.
- McNeal, D.R. and Smith, T.A. Initial patient encounter: a recreation through the use of audio and visual tapes. Learning resource display at the National Conference of Applied Behavioral Science, October 6, 1981, Cleveland, Ohio.

- Smith, T.A. and Chapman, A. Developing managerial assertiveness through videotapes, Learning resource display at the Conference of Applied Behavioral Science, October 6, 1981, Cleveland, Ohio.
- 1983 Smith, T. Computer Literacy and Faculty Development, paper read at the 25th Annual Conference on Dental School Deans, Saddlebrook Resort, Wesley Chapel, Florida, November 16, 1983.
- Smith, T., Lipsen, L. and Lowe, D. Microcomputers: Introduction to their Use in Dentistry, pre-session workshop at the 60th Annual session of the American Association of Dental Schools, Cincinnati, Ohio, March 12, 1983.
- 1984 Lipsen, L., Wagner, M., Smith, T. and Cain, P. Dental Microcomputer Application, pre-session workshop at the 61st Annual Session of the American Association of Dental Schools, Dallas, Texas, March 10, 1984.
- 1986 Smith, T.A. Curriculum: Impact on Practice, paper presented in Symposium on Opportunities for Cooperative Research, at the 63rd AADS Annual Session, Washington, D.C., March 16, 1986.
- 1989 Smith, T.A., Kroeger, R.F., and Lyon, H.E. Evaluation of an experimental network for treating dental fear, poster presented at Third National Conference on Research in Behavioral Dentistry, San Antonio, Texas, May 11, 1989.
- 1990 Smith, T.A., Kroeger, R.F. and Lyon, H.E. Evaluation of a Network for Treating Dental Fear, poster presented at 11th Annual Meeting of The Society of Behavioral Medicine, Chicago, Ill. April 19, 1990.
- 1992 Smith, T.A., The University of Kentucky Experience, paper presented in symposium on Behavioral Counseling of Fearful Patients - Establishing a Clinical Service for Phobic Patients as a Laboratory for Patient Care, Teaching, and Research, at the 69th Annual Session of the American Association of Dental Schools, Boston, Massachusetts, March 9, 1992.
- 1995 Smith, T. A. An Innovative Approach to Advanced General Dentistry Education, presented to the Section on Postdoctoral General Dentistry, at the 72nd Annual Session of the American Association of Dental Schools, San Antonio, Texas, March 13, 1995.
- 1996 Smith, T.A. Videoteleconferencing:A Means for Promoting Continuing Education while Minimizing Travel Time. Presented as part of the Symposia on Reengineering Dental Education through Distance Learning and Interactive Video teleconferencing at the 73rd Annual Session of the American Association of Dental Schools, San Francisco, California, March 18, 1996.
- Regional:
- 1966 Smith, T.A. and Caldwell, M.B., Intellectual Differences in Negro and White Mental Defectives. Paper presented at the meeting of the Southeastern Psychological Association, New Orleans, Louisiana.
- 1967 Chairman and Discussant, Developments in Computer-assisted Instruction. Paper presented at a symposium of the Southeastern Psychological Association Convention, Atlanta, Georgia.

- 1968 Smith, T.A. and Lushene, R.E., Factoral Dimension of the MMPI Scales. Paper presented at the meeting of the Southeastern Psychological Association, Roanoke, Virginia.
- 1970 Item Analysis Procedures for Instructional Testing. Paper presented at the meeting of the Southeastern Psychological Association, Louisville, Kentucky.
- 1983 Smith, T., Milgrom, P., Weinstein, P. and Getz, T. An Initial Evaluation of an Institutionally-Based Dental Fear Clinic, paper read at the 1983 Northwest Regional AADR/IADR Meeting, Portland, Oregon, November 11, 1983.
- 1993 Smith, T.A. Non-pharmacological Approaches in the Management of Anxiety and Disruptive Behavior, Continuing Education Course, Allen Park, Michigan, April 21, 1993.

State:

- 1966 Chairman and Discussant, Computer Uses in Psychology. Paper presented at a symposium of the 19th Annual Meeting of the Florida Psychological Association, Daytona Beach, Florida.
- 1973 Smith, T. Introduction to CAI, UK Computing Center CAI Seminar, Lexington, KY, October 15, 1973.
- 1982 Smith, T. Dental patients' reaction to treatment. Paper read at Kentucky Psychological Association Spring Convention, Lexington, Kentucky, April 24, 1982.
- Smith, T. History of Computer Applications in Education. Paper presented at Workshop on Microcomputer Applications in School Psychology, Lexington, Kentucky, April 24, 1982.
- 1983 Smith, T. Measurement of Dental Fear, Behavioral Dental Research Seminar, University of Washington, Seattle, Washington, November 11, 1983.
- 1985 Smith, T. An Evaluation of an Institutionally-Based Dental Fear Clinic, Poster presentation, Kentucky Dental Association Meeting, Lexington, Kentucky, April 14, 1985.
- 1986 Smith, T. Coping with Dental Fear, Danville Rotary Club, Danville, Kentucky, January 24, 1986.
- Smith, T. The Auxiliary's Role in Treating Dental Fear, Bluegrass Dental Assistants Society, Lexington, Kentucky, November 18, 1986.
- 1987 Smith, T. Treating the Fearful Dental Patient through the Fear Prevention Network, Kentucky Association of Women Dentists, Louisville, Kentucky, April 23, 1987.
- Smith, T. Treating Dental Fear through Dentist' and Psychologists' Cooperation, Kentucky Psychological Association 1987 Annual Conference, Frankfort, Kentucky, October 30, 1987.
- Smith, T. Treating the Fearful Dental Patient, Southwestern Kentucky Dental Society, Gilbertsville, Kentucky, November 18, 1987.
- Smith, T. Coping with Dental Fears, Lafayette Retirement Community, Lexington, Kentucky, November 20, 1987.

- 1988 Smith, T. The Dental Fear Treatment Network, Panel Leader, Kentucky Dental Association 1988 Meeting, Louisville, Kentucky, March 27, 1988.
- Smith, T. Dental Fear Treatment, Poster Presentation, University of Kentucky Spring Health Fair, Lexington, Kentucky., April 13 and 14, 1988.
- Smith, T. Writing Proposals and Grants, paper presented at Nursing Research: Funding and Findings Workshop, Veterans Administration Medical Center, Lexington, Kentucky, April 22, 1988.
- Smith, T. Treating Fearful Dental Patients, Northeastern Kentucky Dental Society, Ashland, Kentucky, October 19, 1988.
- 1990 Smith, T. Evaluation of an Experimental Network for Treating Dental Fear, poster presented at American Student Dental Association, Lexington, Kentucky, February 23, 1990.
- 1991 Smith, T. Are There Too Many Dental Schools in Denmark? A Review of the Danish Dental Health System, presentation to College of Dentistry, University of Kentucky, Lexington, Kentucky, November 13, 1991.
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Challman, S., Miller, C.S., Smith, T.A., Fleming, J. and Hales, R. Problem-Solving and assessment simulation for dental management of medically compromised patients. Poster presented at the Annual Session of the American Dental Education Association, San Antonio, Texas, March 10, 2003. J. Dent. Educ. 67(2): 187-#3, 2003.

Heaton, L.J., Raybould, T.P. and Smith, T.A. (2003, March) Dental health behavior and use of dental services: A comparison between two rural Kentucky counties. Poster presented at the 24<sup>th</sup> annual meeting of the Society for Behavioral Medicine, Salt Lake City, Utah (abstract) Annals of Behavioral Medicine, 25 (Suppl.), D79.

Smith, T.A., Heaton, L.J. and Raybould, T.P. Dental fear's impact on rural oral health quality of life. Poster presented at the 81<sup>st</sup> General Session of the International Association of Dental Research, Göteborg, Sweden, June 27, 2003. J. Dent. Res. 82, #2032, 2003.

#### Grant Applications Funded:

Smith, T.A.: A Longitudinal Study of Tempo and Carefulness. Florida State University Research Council, 1964-65, \$1,540.

Smith, T.A.: Revision of Proseminars in Psychological Measurement and Evaluation and Assembly of Syllabus. Florida State University Council for Instruction, 1966, \$2,295.

Smith, T.A.: An Application of Signal Detection Theory to Human Learning. Florida State University Research Council, 1966-67, \$1,690.

Hankin, E.K., Smith, E.H. and Smith, T.A.: The Development of Pre- vocational Literacy Courses for use with Computer-Assisted Instruction of Disadvantaged Youths and Adults. Office of Education, 1966-67, \$110,083.

Rovin, S. and Smith, T.A.: Curriculum Revision and Automation. Special Project Grant, Health Professions Educational Improvement Programs, Public Health Service, National Institutes of Health, 1970-75, \$789,363.

Smith, T.A.: Instructional Workshop Proceedings, Division of Dental Health, 1972, \$970.

Smith, T.A.: A Planning Proposal for Data Development and analysis in U.S. Dental and Dental Auxiliary Schools. Contract No. HRA 231-75-0402, Division of Dentistry, 1975-76, \$570,000.

Smith, T.A.: Short Term Teaching Training Programs for Dental Faculty, Health Professions Special Project Grant, No. 04-D-001440, Bureau of Health Manpower, 1976-77, \$30,643.

Smith, T.A., Roth, G.I. and Wynn, R.: A Dental Basic Science Curriculum Model. Contract No. NO1-LM-7-4700, National Medical Audio-Visual Center, 1977-78, \$153,655.

Smith, T.A.: Development of Faculty Teaching Skills, Health Professions Special Project Grant No. 1-D08-DH14, 055-01 Bureau of Health Manpower, 1977-78, \$61,537.

Smith, T.A., Managerial Assertiveness, Instructional Development Support Grant, Educational Resources Development Committee, College of Dentistry, University of Kentucky, 1980, \$464.

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Smith, T.A., Hardison, D. and Raybould, T. Extended-Campus Program for Advanced General Dentistry, Health Resources and Services Administration, 1993-1997, \$499,855.

Smith, T.A., Mitchell, R., Thompson, J. and Lee, W. Hypersensitivity and Lasers: A Clinical Pilot Study, Regional Clinical Research Center, University of Washington, Seattle, Washington, 1994-1995, \$10,056.

Raybould, T. and Smith, T. General Practice Residency Expansion Grant, Health Resources and Services Administration, 1998-2001, \$326,729.

Raybould, T.P., and Smith, T.A. Developing a Rural Site General Practice Residency Position, Health Resources and Services Administration, 2000-2001, \$152,384.

Raybould, T.P. and Smith, T.A. Developing Rural and Urban Underserved G.P.R. Sites, Health Resources and Services Administration, 2001-2004, \$344,320.

Ferretti, G., Hardison, J., Skelton, J., and Smith, T. Physician's Oral Health Education in Kentucky, Health Resources and Services Administration, 2001-2004, \$471,374.

Raybould, T.P. and Smith, T.A. Supplement to Developing Rural and Urban G.P.R. Sites, Health Resources and Services Administration, 2003-2004, \$48,389.

### Other Supported Activity:

Smith, T.A., Project Evaluator, Oral Health Care Strategies for Family Caregivers of Dependent Homebound Elderly in Appalachia: A Project Using Retired Older Persons in Materials Development and as Volunteer Health Educators, Administration on Aging, 1987-1990, \$262,048. Winner of the 1989 American Dental Association Geriatric Dental Health Award.

Smith, T.A., Training Faculty on Research Training in Medical Behavioral Sciences, Andrykowski, M.A., P.I. National Institute of Mental Health, 2001-2005, \$1,116,160.

### Computer Programs:

Young, W.O., Haley, E.W. and Smith, T.A.: Community Dentistry - Dental practice environment, a Coursewriter III computer program, College of Dentistry, University of Kentucky, Lexington.

Smith, T.A.: URLO3 (Achievement Test), a CAILAN Computer Program, Harvard University, CAI Laboratory, Cambridge.

Smith, T.A.: URLEO0, URLEO2, URLEO4, URLEO5, (Reading exercise in the form of stories) a CAILAN Computer Program, Harvard University, CAI Laboratory, Cambridge.

Hankin, E., Smith, E.H., Smith, T.A. and Ritchie, M.: Reading for illiterate youths and adults (read 1), a Coursewriter I Computer Program, CAI Center, Florida State University, Tallahassee.

Wilson, T., Smith, T.A., Kennedy, W.A. and Hansen, D.N.: Interaction of Examiner attitude with praise, a Coursewriter II Computer Program, CAI Center, Florida State University, Tallahassee.

Smith, T.A., Parker, R. and King, F.J.: Number of alternatives in a multiple-choice programming format, a Coursewriter II Computer Program, CAI Center, Florida State University, Tallahassee.

Smith, T.A., Hansen, D.N. and Hedl, J.: Essay, a Coursewriter II Computer Program, CAI Center Florida State University, Tallahassee.

Hedl, John J., Smith, T.A., Hansen, D. and Dick, W.: The role of incorrect responses, explanations and student pairing on the learning of programmed text material (psyed), a Coursewriter II Computer Program, CAI Center, Florida State University, Tallahassee.

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### Technical Reports:

Kaplan, A., Roebker, D., Rovin, S. and Smith, T.: Reliability and Norms for a Faculty Evaluation Questionnaire, Office of Planning, Development and Evaluation Monograph Series, University of Kentucky College of Dentistry, 73- 001.

Weinstein, P. and Smith, T.A.: An Evaluation of Clinic Instruction by Patient Reactions, Office of Planning, Development and Evaluation Monograph Series, University of Kentucky College of Dentistry, 71-002.

Packer, M.W., Smith, T.A. and Kaplan, A.: Report on the Survey of Graduates of the University of Kentucky College of Dentistry, Office of Planning, Development and Evaluation Monograph Series, University of Kentucky College of Dentistry, 71-001.

Smith, T.A.: Predicting Grade Point Average from Application Data, University of Kentucky College of Dentistry.

Smith, T.A.: Reading Interests of Job Corps Women, in Stolurow, L.M. Final Report, Job Corps Contract No. 41-736-9003-2. The Harvard University Computer-Aided Instruction Laboratory, Cambridge, October 1968, 67-80.

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Smith, T.A. and Stolurow, L.M.: An examination of the Construct of Difficulty. Technical Recommendation No. 7, USNA Contract No. N00161-7339-4781.

Mathis, A., Smith, T.A. and Hansen, D.: A Preliminary Report on Attitude Changes Towards CAI and Psychology. Semiannual Progress Report, January 1, Florida State University, Tallahassee, 79-81.

Hankin, E.K., Smith, E.H. and Smith, T.A.: The Development of Prevocational Education Literacy Courses for Use with Computer-Assisted Instruction of Disadvantaged youths and Adults. Final Report to the Office of Education, Bureau of Research, June 1967, 175 pp.

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Smith, T.A. Faculty Development for More Effective Teaching. Final report for Health Professions Special Project Grant No. 04-D-001440-01-0, University of Kentucky College of Dentistry, June 30, 1977.

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Smith, T.A. Dental Basic Science Curriculum Model Contract, Final report for National Medical Audio-Visual Center Contract No. 1-LM-7-4700, Department of Oral Biology, University of Kentucky College of Dentistry, July 31, 1978.

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Smith, T.A. and Mason, E.J. (eds.). IST Instructional Design Conference Report: The IST Instructional Design Media, Technology, Teachers' Role, and the Alaskan Culture. Alaska State Department of Education, Juneau, Alaska, June, 1981.

Mason, E.J., Smith, T.A., Gohs, F.X., and Cohen, D.W. Evaluation of IST Courses, Alaska State Department of Education, Juneau, Alaska, 1981, ERIC-ED 229003.

Mason, E.J., Smith, T.A., and Gohs, F.X. Models of Estimating Costs of Computerized Instruction, Alaska State Department of Education, Juneau, Alaska, 1982, ERIC-ED 229006.

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