

Curriculum Vitae

Bernard O. Williams
Born: February 4, 1948

Home address:
1310 George Court #1
Lawrence, Kansas 66044

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EDUCATION

Ph.D. cum laude, History, University of Kansas 1984
M. Phil. History, University of Kansas 1982
M.A. History, University of Kansas 1976
B.A. cum laude, History, Kansas State University 1970

THESES

Doctoral Dissertation: Computing with Electricity, 1935-1945
Master's Thesis: Simultaneous Scientific Discovery, An Historiographic Critique
Senior Honors Thesis: Cultural Revolt in Contemporary America

GRADUATE STUDY FIELDS

History of Science
Sociology of Science
United States Intellectual History
Modern European History

HONORS

Dorothy Haglund Memorial Dissertation Competition, University of Kansas
First Honorable Mention 1985
Doctoral Dissertation Honors, University of Kansas 1984
Phi Alpha Theta National History Honorary 1975
Theta Alpha Phi National Dramatic Honorary 1970
Honors Scholar, Kansas State University 1967-1970
Phi Eta Sigma Men's Scholastic Honorary 1967
Putnam Scholar, Kansas State University 1966-1970

MEMBERSHIPS -- PROFESSIONAL AND SCIENTIFIC SOCIETIES

International Society for the Study of Subtle Energy and Energy Medicine
International Union of Medical and Applied Bioelectrography
American Association for the Advancement of Science
History of Science Society

TEACHING EXPERIENCE

Energy Medicine Program 2001-Present
Associate Professor
Holos University Graduate Seminary
Energy Medicine in the History of Science

Energy Medicine Program 2000-2004
Chair, Energy Medicine Program
College of Energy Medicine
Greenwich University, Norfolk Island, Australia
Energy Medicine in the History of Science

Physical and Cultural Geography 2001-Present
Continuing Education Division
University of Kansas

Liberal Arts School 1996-2003
Kansas City Art Institute, Lecturer
History of Science & Technology
History of the Life Sciences

Haskell Indian Nations University 1996
Visiting Assistant Professor, lecturing in Geography

History Department 1988-1990
University of Kansas: Visiting Assist. Professor; History & Philosophy of Science,
History of Science & Religion, History of Computing

College of Liberal Arts & Sciences 1988
Summer Honors Institute
University of Kansas: Visiting Assist. Professor; Science, Technology, & Values

Computer Science Department 1978-1980
University of Kansas: Lecturer; History of Computing, Social Impact of Computing

History Department 1978-1980
University of Kansas: Lecturer; US History, History of Science

Western Civilization Program 1975-1978
University of Kansas: Lecturer & Discussion Tutor

Department of History 1974
University of Kansas: Teaching Assistant; US Constitutional History

ACADEMIC OFFICES AND ADMINISTRATIVE POSTS

Director of Institutional Development 2005 - Present
University of Integrative Medicine
Eudora, Kansas

President, 2001 - Present
Center for Environmental Energy Medicine Studies
Lawrence, Kansas

Editorial Board, GDV Bioelectrography Series, 2003--Present
International Union of Medical and Applied Bioelectrography

Chair
Energy Medicine Program 2000-2003
College of Energy Medicine
Greenwich University, Norfolk Island, Australia

Editorial Board, Kaw Valley Historical Review 1977-1979

Executive Committee Spokesman, Graduate Student Council 1976-1977

University Council Member 1976-1977
Long Range Planning and Resources Committee, University Council 1975-1976

Student Senate 1974-1978

Graduate Board, Department of History 1974-1976
Academic Administrator, Student Government Association 1969-1970

EMPLOYMENT HISTORY

Director of Institutional Development 2005 - Present
University of Integrative Medicine
1040 OCL Parkway
Eudora, Kansas 66025

Associate Professor
Energy Medicine Program 2001-Present
Holos University Graduate Seminary, Fair Grove, Missouri
Teaching online distance learning courses in the history of energy medicine in the context of the history of science, and guiding masters and doctoral student research.

Chair
Energy Medicine Program 2000-2004
College of Energy Medicine
Greenwich University, Norfolk Island, Australia
Teaching online distance learning courses in the history of energy medicine in the context of the history of science, and guiding masters and doctoral student research.

Physical and Cultural Geography 2001-Present
Continuing Education Division
University of Kansas

Teaching undergraduate online distance learning courses in physical and cultural geography.

Technical Editor for *Measuring Energy Fields: State of the Science*.
Konstantin G Korotkov (Ed.). GDV Bioelectrography Series VOLUME I
Fair Lawn, New Jersey: Backbone Publishing Co., 2003--2004.

Lecturer
Liberal Arts Department 1996-2003
Kansas City Art Institute

Teaching courses in the history of science.

Editor, Acquisitions and Development January, 1991- February, 2001
R&D Publications/Miller Freeman
Lawrence, Kansas 66046

Responsible for establishing a book publishing business within a magazine publishing company.
Acquired manuscripts, established and managed publishing procedures, established and managed marketing procedures. Also developed a CDROM-based distribution for a large software collection.

Technical Editor for *Acupuncture Energetics: A Clinical Approach for Physicians* by Joseph Helms
Medical Acupuncture Publishers 1992-1995
Berkeley, California

Visiting Assistant Professor June 1988-May 1990
History Department
University of Kansas 66045

Taught courses in the History of Science.

Proprietor June 1988-January 1991
Specific Information Strategies
Lawrence, Kansas 66044

Provided research, consulting, and information system design services. Contracts included writing a history of the National Science Foundation's contributions to the development of electronic computing; developing an information system to assess compliance with environmental, occupational health, and safety regulations for the Hall-Kimbrell environmental engineering company; and providing ergonomic assessments of various high risk occupations for the Kemper Insurance Companies.

Research Manager August 1980-June 1988
Ergosyst Associates Inc.
Lawrence, Kansas 66044

Responsible for developing methods to identify significant ergonomic research in a wide range of disciplines such as engineering psychology, work physiology, organizational design, and computer engineering. Managed a staff compiling reference compendia on the human factors of computer systems, artificial intelligence, computer display design, and a quarterly abstracts journal. Established a technical library for processing and analyzing thousands of technical documents. Performed and supervised research on contract to government agencies and private industry, clients ranging from the two biggest computer

manufacturers in that era, IBM and DEC, to furniture manufacturers and space planners, to public laboratories such as the US Army Engineering Center at Nattuck, Massachusetts, and the US Army Foreign Science and Technology Center in Charleston, Virginia.

Statistician Summer 1978

Bureau of Child Research

University of Kansas

Analyzed data from research studies of teacher-pupil interactions in a training program for severely handicapped children. Programmed a statistical package to perform regression analysis.

Research Assistant Spring 1978

Department of Sociology

University of Kansas

Surveyed literature and compiled chronologies of the computer science profession.

Technical Writer Summer 1977

Ames Laboratory

U S Energy Research and Development Administration

Energy and Mineral Resources Research Institute

Iowa State University

Reviewed research projects and published descriptions for the educated, nontechnical reader.

Research Specialist Summer 1974

History Office, Headquarters

National Aeronautics and Space Administration

Washington, DC

Designed and accomplished a review of the NASA Sustaining University Program, a system for promoting multidisciplinary research programs during the mid-1960's.

Foreman, concrete construction crew 1973

Randazo Construction Company

Big Bear Lake, California

Supervised the sighting, forming and construction of concrete foundations and basements for homes.

Deputy Missile Combat Crew Commander 1970-1972

390th Strategic Missile Wing

Davis-Monthan Air Force Base

Tucson, Arizona

Served as a Deputy Combat Crew Commander, a launch control officer for the Titan II inter-continental ballistic missile, and as a Wing Instructor – developing training simulations and programmed learning exercises to maintain crew readiness. Edited the Crew Field Training Manual.

INVITED LECTURES AND CONFERENCE PRESENTATIONS

"Theory Building in Energy Medicine" Psychic Studies Institute; Unity Temple on the Plaza, Kansas City, Missouri; February 27, 2004.

"Science at the Outer Limits: Whorfian Relativity as Cultural Heresy," in Invited Panel: *Another Dangerous Idea: Linguistic Relativity and Consciousness in the Human Sciences*, presented by the Society for the Anthropology of Consciousness; American Anthropological Association, Chicago Illinois, November 22, 2003.

"Recent Research in Energy Medicine," Psychic Studies Institute; Westwood, Kansas; November 26, 2002.

"Reflections on Recent Research in Energy Medicine," Subtle Energy/Energy Medicine Study Group, Lawrence, Kansas, local affiliate of the International Society for the Study of Subtle Energy and Energy Medicine, November 5, 2002.

"Assessing the Co-Creative Nature Between Consciousness and Healing: Innovative Research Methodologies," with Geneie Everett, R.N., Ph.D.; Michele A. Bertini, Ph.D.; and Suzanne Gibson, L.C.S.W., Ph.D.; Twelfth Annual ISSSEEM Conference, June 17, 2002, Boulder, Colorado.

"Effective Co-Creative Therapies: Integrating Energy Medicine Tools," with Ginnie Selle, Ph.D.; Elizabeth Eckert, Ph.D.; and Carol Fagan, Ph.D.; Twelfth Annual ISSSEEM Conference, June 16, 2002, Boulder, Colorado.

"Historical Roots of the Authoritarian Model of Medical Intervention," Theme Panel, The Co-Creation Process in Energy Medicine; the Synergy of the Sciences and Healing Arts; Twelfth Annual ISSSEEM Conference, June 15, 2002, Boulder, Colorado.

"World Cultures and the History of Science; Prelude to Watson's Theory of Enformed Systems (TES)," with Donald Watson, M.D.; Psychic Studies Institute, Westwood, Kansas, April, 2000.

"Theories of Consciousness: into the 21st Century: Physics, Metaphysics, Psychology and Spirituality," Institute of Noetic Sciences Study Group; Lawrence, Kansas, March, 2000.

"Theories of Consciousness in the 19th and 20th Centuries: Materialism and Spiritualism, Psychological Associationism and Behaviorism, Idealism and Empiricism," Institute of Noetic Sciences Study Group; Lawrence, Kansas, February, 2000.

"Theories of Consciousness Across Recorded History: From the Sanskrit Texts to the 19th Century," Institute of Noetic Sciences Study Group; Lawrence, Kansas, January, 2000.

"Automating Artillery and the Dawn of Electronic Computing" presented to the International Conference for the History of Computing, Heinz Nixdorf Computer Museums-Forum, Paderborn, Germany, 1998

"Writing Computer Users' Manuals," tutorial presented at Midwest Regional Conference, Data Processing Management Association, Topeka, Kansas, May, 1988.

"ENIAC and Before" invited lecture to the Computer and Information Sciences Division, New York Academy of Sciences, February 11, 1986.

"Defining Electronic Digital Computing -- 1942" International Congress of History of Science, University of California, Berkeley, August, 1985.

"Mechanical, Electrical & Electronic Gun Directors: The Emergence of Modern Computing," History of Science Society Midwest Junto, Charles Babbage Institute, University of Minnesota, April, 1985.

“Scientific Information Transfer and Developing Countries,” Third World Conference, Lincoln, Nebraska, October, 1980.

“The Religious and Scientific Heresy of Robert Chambers' *Vestiges of the Natural History of Creation*,” Caucus of Historians and Philosophers of Science, Missouri Valley Historical Conference, Omaha, Nebraska, March 9, 1977.

“NASA and the Support of Academic Science,” History of Science Society Midwest Junto, Kansas State University, March, 1975.

ACADEMIC PUBLICATIONS and RESEARCH REPORTS

"Assessing Biophysical Energy Transfer Mechanisms in Living Systems: The Basis of Life Processes," (with Konstantin Korotkov & Leonard A. Wisneski) *Journal of Alternative and Complementary Medicine*, volume 10, number 1, 2004.

“The Social and Intellectual Shaping of a New Mathematical Discipline: Computer Science and Engineering,” (with Willam Aspray & Andrew Goldstein) in Ronald Calinger, ed. *Episodes in the History of Mathematics*, Mathematical Association of America, Notes Series, 1995.

Review of James M. Nyce and Paul Kahn eds., *From Memex to Hypertext; Vannevar Bush and the Mind's Machine*, in *IEEE Annals of the History of Computing*, vol. 17 no. 3, Fall, 1995, pp. 82-85.

“Arming American Scientists: NSF and the Provision of Scientific Computing Facilities for Universities,” 1950-1973, (with Willam Aspray) *IEEE Annals of the History of Computing*, vol. 16 no. 4, Winter, 1994, pp. 60-74.

“Computing in Science and Engineering Education: The Programs of the National Science Foundation,” (with William Aspray) *IEEE Electro/93 Proceedings*, 1993.

Review of Clark Mollenhoff's *Atanasoff: Forgotten Father of the Computer*, and Arthur and Alice Burks' *The First Electronic Computer: The Atanasoff Story* in *The Annals of Iowa*, vol. 50 no. 5 Summer, 1990, pp. 568-572.

“Computer Aided Design Systems with Embedded Human Models,” prepared for the US Army Foreign Science and Technology Center, Contract No. DAAL02-87-P-3314, December, 1987.

“Soviet State Ergonomic Standards (GOST),” with Victor Merkin, prepared for the US Army Foreign Science and Technology Center, Contract No. DAAL02-87-P-3314, September, 1987.

“Development of Soviet State Ergonomic Standards,” with Noemi S. Galton, prepared for the US Army Foreign Science and Technology Center, Contract No. DAAL02-87-P-3303, August, 1987.

Review of *The Preparation of Programs for an Electronic Digital Computer*, by Maurice V. Wilkes et al., Volume 1 of the Charles Babbage Institute Reprint Series for the History of Computing (originally published in 1951), in *ISIS*, vol. 77 no. 1, 1986, p. 286.

Human Foundations of Advanced Computing Technology, Lawrence, Kansas: The Report Store, 1985 (compiling editor).

“The Human Side of Information's Converging Technology,” *Bulletin of the American Society for Information Science*, vol. 9 no. 2, December, 1982, pp. 24-27.

“Alexis de Tocqueville, Democracy in America;” “The Declaration of Independence; and The Constitution of the United States,” in *Student's Manual, Western Civilization Program*, University of Kansas, 1979 and subsequent editions.

“Sigmund Freud, *Civilization and its Discontents*,” in *Student's Manual, Western Civilization Program*, University of Kansas, 1979 and subsequent editions.

“Hydrogen in Our Energy Future,” “Catalysis Making -- Chemical Reactions Work,” “Materials -- Expanding Their Upper and Lower Limits,” “Water Quality -- A Greater Awareness,” “TRISTAN The Nuances of Nuclear Fission,” in *AMES LAB Changing Scene: Highlights III*, Iowa State University, Energy and Mineral Resources Research Institute, US Energy Research and Development Administration, 1977.

“Science in the American Democracy, 1776-1976,” *Humboldt Journal of Social Relations*, vol. 4 no. 1, Fall/Winter 1976, pp. 48-52 (with Paul Ceruzzi & Norriss Hetherington).

THESES AND DISSERTATIONS, CHAIRED OR EVALUATED

MURIEL AGNES, 2002

TOWARD AN INTEGRAL ENERGY MEDICINE MODEL FOR UNDERSTANDING THE VASCULAR AUTONOMIC SIGNAL

MARY ANDERSON, 2001

THE TRINITY TABLE: THE EFFECTS OF VESTIBULAR AND AUDIO STIMULATION ON THE HEALING OF PSYCHOLOGICAL TRAUMA AND THE EXPANSION OF CONSCIOUSNESS

JACQUELYN MADISON BEATTEY, 2001

THE EFFECT OF SPIRITUAL GUIDED IMAGERY ON ANXIETY AND DEPRESSION

JANET M. BAILEY, 2002

CORRELATIONS BETWEEN CHII: CHECKLIST OF HEALTH ISSUES AND ILLNESS INFORMATION, AYURVEDIC CONSTITUTIONAL ANALYSIS (PRAKRUTI), INDIVIDUAL BLOOD TYPE AND INTUITIVE ASSESSMENT.

HELENE S. BARTOSIK, 2001

THE POWER OF HEALING TOUCH (JIN SHIN) and ITS EFFECTS ON FIBROMYALGIA

MICHELE A. BERTINI, 2001

THE EFFECTS OF GUIDED IMAGERY AND MUSIC ON ANXIETY

MARGARETE S. BIRMINGHAM, 2003

THE UNIVERSAL UMBANDA PYRAMID: THE DIVINE WEB - A PROPOSAL ON COSMIC RESPONSIBILITY

MARA BISHOP, 2001

THE RELATIONSHIP BETWEEN SPIRIT AND MATTER: CAN SHAMANISM HELP US HEAL?

AUDREY BOXWELL, 2004
THE EFFICACY OF GUIDED IMAGERY/VISUALIZATION AND JOURNALING IN PATIENTS
WITH IRRITABLE BOWEL SYNDROME

CHRIS CARRUTHERS, 2003
EXPRESSIVE WRITING ABOUT PERSONAL TRAUMA: SELF-REPORTED HEALTH CHANGES
AND SUBJECT CHARACTERISTICS

MARGARET A. CLENCH, 2001
PSYCHO/PHYSIOLOGICAL EFFECTS OF VESTIBULAR AND AUDIO STIMULATION: THE
TRINITY TABLE

KARIN V. CREMASCO, 2003
INTEGRATED ENERGY REBALANCING© AS DIRECTED BY THE BODY, AND ITS MEASURED
EFFECT ON LEVELS OF ANXIETY AND DEPRESSION IN A SELECT GROUP

JANET DUNLAP, 2002
EFFECTS OF INTERCESSORY PRAYER ON PSYCHO-PHYSICAL HEALTH AND WELL-BEING
INDICATORS

ELIZABETH ECKERT, 2001
THE EFFECTS OF NEUROMUSCULAR THERAPY ON HEADACHE FREQUENCY IN A MIXED
POPULATION OF CERVICOGENIC AND MIGRAINE PATIENTS

SANDRA R. EGLI, 2002
A STUDY OF HARA HEALING PRACTICE

KELLE ELI, 2001
COMPARISON OF THE QUANTITATIVE ELECTROENCEPHALOGRAMS
OF A HEALER AND PATIENT DURING SPIRITUAL HEALING

GENEIE EVERETT, 2001
THE HEALING POTENTIAL OF ALTERED STATES OF CONSCIOUSNESS

ELEANOR HUNTER FLEMING, 2001
THE EFFECTS OF REIKI ON CHRONIC PAIN

SUSAN GARMENT, 2002
THE EFFECTS OF IMPRINTED WATER ON THE MOOD AND PHYSICAL SYMPTOMS OF PEOPLE
WHO DRINK IT

SUZANNE SITES GIBSON, 2001
THE EFFECT OF MUSIC AND GUIDED IMAGERY ON THE HUMAN ENERGY FIELD AS
MEASURED BY THE GAS DISCHARGE VISUALISATION (GDV) TECHNIQUE AND PROFILE OF
MOOD STATES.

GERALDINE LEON, 2002
REDUCTION OF ANXIETY AND STRESS IN ATTORNEYS THROUGH RELAXATION, BREATH
AWARENESS, AND AUTOGENIC TRAINING

BARBARA A. HAYDON, 2004

A COMPARISON OF HUMAN ENERGY FIELDS BEFORE AND AFTER STIMULATION OF DR. C. NORMAN SHEALY'S RINGS OF FIRE, EARTH, WATER, AIR, AND CRYSTAL

FRANCESCA A. MCCARTNEY, 2003

THE INTENTIONAL ENCAPSULATION OF HEALING ENERGY AND ITS TRANSMISSION OVER THE INTERNET

RENE K. MOOREFIELD, 2002

AN INNOVATIVE LOOK AT SPIRITUALITY AND PERSONALITY

MARILYN N. PARKIN, 2003

DEPRESSION: THE EFFECTS OF VIBRATIONAL FREQUENCY ANALYSIS MEASURED THROUGH DARKFIELD ANALYSIS

NANCY RIZZO ROBERTS, 2002

PARALLEL INVESTIGATION OF THE MERIDIAN STRESS ASSESSMENT (MSA-21) AND THE GAS DISCHARGE VISUALIZATION DEVICES

TERRY GALE SEGAL, 2001

ASSESSMENT OF TECHNIQUES FOR ANXIETY REDUCTION PRESENTED IN THE ENCHANTED JOURNEY: FINDING THE KEY THAT UNLOCKS YOU

JAYNE E. SELBY, 2002

INTEGRATIVE HEALTH PRACTICES IN THE AGING: DHEA, EXERCISE, GRACE THERAPY, AND SELF-ACTUALIZATION

GINNI SELLE, 2001

SCHOOLS OF SELF-ACTUALIZATION: A NEW PARADIGM IN WELL-HEALTH AND HEALING

MARTINA C. STEIGER, 2004

THE EFFECTS OF GETTING UNSTRESSED (GUST™), A WHOLISTIC MULTI-MODAL PROGRAMME, ON ADOLESCENTS' WELL-BEING

COMMERCIAL BOOKS EDITED & PUBLISHED

with R&D Publications, Miller Freeman Books & CMP Books

MS-DOS System Programming, 2nd Edition, ed Robert Ward, 1992

Illustrated C, by Leor Zolman 1992

microC/OS The Real Time Kernel, by Jean J. Labrosse 1992

Windows Custom Controls, by William Smith & Robert Ward, 1993

Object Oriented Software Engineering, by Steve Halladay & Michael Wiebel, 1993

Image Processing in C, by Dwayne Phillips, 1994

Graphics Programming & Animation, by Peder Jungck, 1994

Optimizing SQL, by Peter Gulutzan & Trudy Pelzer, 1994

MS-DOS System Programming, 3rd Edition, ed David Burki, 1994

RPC for NT, by Guy Eddon, 1994

Optimizing C with Assembly Code, by Peter Gulutzan & Trudy Pelzer, 1995

Writing VxDs and Device Drivers, by Karen Hazzah, 1995

Understanding Self-Similar Fractals, by Roger Stevens, 1995
Programming Discrete Simulations, by Moshe Pollatschek, 1995
Embedded Systems Building Blocks, Jean J. Labrosse, 1995
Tools for Code Management, by Larry Reznick, 1996
Using PCX Files, by Roger Stevens, 1996
Mastering Internet Tools, by Gil Held, 1996
FreeDOS Kernel, by Pat Villani, 1996
Writing VxDs and Device Drivers 2nd ed., by Karen Hazzah, 1997
Flow Design for Embedded Systems, by Barry Kauler, 1997
Windows NT Security, by Nikolai Okountsev, 1997
Windows NT Programming in Practice, anthology, 1997
Undocumented Windows File Formats, by Pete Davis and Michael Wallace, 1997
Windows Assembly Language and Systems Programming 2nd ed, by Barry Kauler, 1997
UNIX Sys Admin for the Enterprise, by John Wetsch, 1998
Standard C Date/Time Library, by Lance Latham, 1998
Front Pane, by Nial Murphy, 1998
Programming the Parallel Port, by Dhananjay Gadre, 1998
The Domain Name Handbook, Ellen Rony & Peter Rony, 1998
MicroC/OS-II, the Real-Time Kernel, 2nd ed. by Jean J. Labrosse, 1998
Debugging Visual C++ Windows, by Keith Bugg, 1998
ActiveX/OLE Programming, by Donis Marshall, 1998
Programming MS Exchange Server, by Nik Okuntseff, 1999
Supercharge MFC, by Jeffrey Galbraith, 1999
Embedded Systems Building Blocks, 2nd ed. by Jean J. Labrosse, 1999
Visual C++ MFC Programming by Example, by John Swanke, 1999
VC++ MFC Extensions by Example, by John Swanke, 1999
SQL-99 Complete, by Peter Gulutzan & Trudy Pelzer, 1999
Java Principles of Object-Oriented Programming, by Jeffry Borror, 1999
Writing Windows WDM Device Drivers, by Chris Cant, 1999
Microcontroller Projects with Basic Stamps, by Al Williams, 1999
Automating Windows with Perl, by Scott McMahan, 1999
Detecting the World, Capturing Physical Measurements with C++, by David McCombs, 1999
Digital Sound Processing, by Doug Coulter, 1999
Print Programming in Windows, by Jeff Potts, 1999
Making Unix & Windows NT Talk, by Mark Nadelson & Tom Hagan, 2000
Advanced Win32 Programming, by Pat Villani, 2000
Industrial Strength Windows, by Petter Hesselberg, 2000
Math Toolkit for Real-Time Systems, by Jack Crenshaw, 2000
MFC COM Programming by Example, by John Swanke, 2000
C Programming for Embedded Systems, by Kirk Zurell, 2000