

Academic and Professional Experience  
Of  
Bruce Robert MacLaren

EDUCATION

- University of Wisconsin, Madison, Wisconsin, Ph.D. in history of science, 1978
- University of Wisconsin, Madison, Wisconsin, M.S. in history of science 1967
- Luther college, Decorah, Iowa: B.A. cum laude, 1965
- Austin High School, Austin, Minnesota; Diploma, 1961

TEACHING EXPERIENCE

- Eastern Kentucky University, Department of History, Professor of History of Science 2006-2007
- Eastern Kentucky University, Department of Natural Science Professor, 1987-2005
- Eastern Kentucky University, Associate Professor 1969-1987
- Upward Bound, Luther College, summer 1968
- University of Wisconsin, Teaching Assistant 1966-1969

PROFESSIONAL ORGANIZATIONS

- History of Science Society
- National Collegiate Honors Council

SCHOLARSHIPS AND AWARDS

- Distinguished Educational Leader Award (DEL), Outstanding Service, Student Government Association, 2005-2006
- Distinguished Educational Leader Award (DEL) in category Most Outstanding, Student Government Association, Spring 2004
- Honorary Member, Golden Key National Honorary Society, 1995, Phi Kappa Phi. 1997
- Featured Speaker, Kentucky Humanities Council as a part of their Speakers Program, 1994, 1995
- University of Wisconsin, Madison, Wisconsin, Non-Resident Scholarship, National Science Foundation, Summer Fellowship, 1968
- Luther College, Freshman Honor Scholarship, History Scholarship

NATIONAL PRESENTATIONS

- "Crossing Frontiers: Honors Programs and Student Services," "The Forgotten Frontier: STEM Areas in Honors", Emily Gilbreath in Student Interdisciplinary Research Panel paper from HON 311 "Reflections on Dresden: The Path toward a World without war Crimes", only 16 papers accepted, National Collegiate Honors Council National Meeting, San Antonio, Texas October 22-26, 2008
- "Technological Tensions and Environments in the Honors Program," "Religion on Campus," National Collegiate Honors Council National Meeting, Denver Colorado, November 1-4, 2007
- "Event History for Honors Civilization", "Honors Codes for Honors Students", Poster Session "The Influence of Art: Skewed Perceptions of History",
- "Technology of Discovery" "Discovering, Exploring, and Traveling Through the Senior Thesis Process", St. Louis , October 26-30,2005
- "An Exploration of Rights", "Building Bridges to the Past", "Rivers of Change: Rivers of Home Meet at the Kentucky River", National Collegiate Honors Council National Meeting, New Orleans, November 11-13, 2004
- National Collegiate Honors Council National Meeting, Salt Lake City, Utah. I had a panel entitled, "Civil Liberties, How should we understand Them." October 31, 2001

- October 21, "National Consumerism," National Collegiate Honors Council Conference, Washington, DC. 2000
- "Humanity on Trial: Is Exploitation Necessary?" Kentucky Honors Roundtable, Bowling Green, Kentucky, October 29, 1999
- October 29, "Imagining smaller Worlds: Distance Learning In Honors," National Collegiate Honors Council Conference, Orlando, Florida
- "Book Talk: Aldous Huxley, Brave New World," National Collegiate Honors Council Conference, Orlando, Florida, October 29, 1999
- "Human Aggression: Learned or Innate?" National Collegiate Honors Council conference, Atlanta, Georgia, October 22-26, 1997
- "Scientific Racism: Is Science One of the Causes of our Problems,"
- "Minorities in World War II," Honors as Neighborhood, The National Collegiate Honors Council, Pittsburgh, Pennsylvania, November 1-5, 1995
- The Sixth National Conference on Teaching and Learning, Jacksonville, FL., April 5-8, 1995, 1995 Gary Kuhnenn and I talked about Cosmos and Evolution course. We were invited to do it.
- "The Black Atlantic," Honors as Neighborhood, The Collegiate Honors Council, Pittsburgh, Pennsylvania, November 1-5, 1995
- "Cosmos and Evolution: An Exploration of nature" The Sixth National Conference on Teaching and Learning, Jacksonville, Florida, April 5-8, 1995
- "Getting Curriculum Development Grants," National Collegiate Honors Council, San Antonio, TX, October 27-29, 1994
- "Historical Simulation Games" National Collegiate Honors Council, St. Louis, Missouri, October 29-November 1, 1992
- "Recurring and non-Recurring Events" National collegiate Honors Council, Los Angeles, Calif., October 19-November 1, 1992
- "Three Views of Time: Historic, Scientific, Systemic" National collegiate Honors Council, Los Angeles, California, October 29, - November 2, 1992
- "Is There One culture: Science and the Humanities" Southern Regional Honors Council Roanoke, Virginia, April 2-4, 1992
- "Is There One culture: Science and the Humanities" National Collegiate Honors Council, Chicago, Illinois, October 31-November 3, 1991
- "General Education Science with Reference to ECU." Association for Integrative Studies National Meeting, October 28, 1985
- Invited Lectures at Fort Lewis College, Durango Colorado
  - Public Lecture: "Reflections on Science and Meaning"
  - Lecture/Discussion on "Concepts in Space and Time" for a "Nature in Transition" course, March 15, 1984
  - Lecture/Discussion in astronomy Course, "Mobility of the Earth," March 16,
- "Space, Time, Cause in Teaching Science," Association for General and Liberal Studies, 23rd Annual Conference, Lexington, Kentucky, November 11, 1983.
- "Using Dialogue and Debate to Teach Physical Science," Association for General and Liberal Studies, 22nd Annual Conference, Minneapolis, Minnesota, October 30
- "Space, Time, Cause in Teaching Science." Association for General and Liberal Studies, 23<sup>rd</sup> Annual Conference, Minneapolis, Minnesota, October 30, 1982
- "John Pecham and the Tractatus de sphaera," Colloquium on Medieval Science" University of North Carolina, 1976.

#### REGIONAL AND LOCAL PRESENTATIONS

- "Crossing Frontiers: Honors Programs and Student Services," "The Forgotten Frontier: STEM Areas in Honors", Kentucky Honors Roundtable, University of Louisville, Louisville, Kentucky, September 27, 2008
- "Space, Place, and Life", Unitarian Universalist Fellowship of Madison County, May 11, 2008

- "Technological Tensions and Environments in the Honors Program," "Religion on Campus," Kentucky Honors Roundtable, Kentucky State University, September 28-29, 2007
- "Event History for Honors Civilization", "Honors Codes for Honors Students", Poster Session "The Influence of Art: Skewed Perceptions of History", Kentucky Honors Roundtable, Morehead, Kentucky, September 30, 2006
- "Questing and Questioning" Unitarian Universalist Fellowship of Madison County, April 23, 2006
- "Discovering, Exploring, and Traveling Through the Senior Thesis Process", Kentucky Honors Roundtable, Murray State University, October 7-8, 2005
- "Technology of Discovery", "Free Speech: The First Amendment , Anti-war Speech, and Free Speech on the College Campus", "Religion on the College Campus" University of Louisville, February 26, 2005
- "An Exploration of Rights", "Building Bridges to the Past", "Rivers of Change: Rivers of Home Meet at the Kentucky River", Kentucky State University, 2004 Spring Conference, October 1-2, 2004
- "Bombs not Books," sponsored by the colonels for Peace. I gave a short talk to screaming masses, March 5, 2003
- "When a Nation Use Military Force Against Other countries," presented by the Department of Philosophy. I argued that it could use military force only in self defense. It was videotaped. If you would like to watch my overwhelming victory of my opponents, I can arrange a screening, March 4, 2003
- "Bombs not Books," sponsored by the colonels for Peace. I gave a short talk to screaming masses, March 5, 2003
- Philosophy Club. The participants in the debate spoke to the members of the Philosophy Club. I won again, April 14, 2003
- I delivered the sermon at both morning services of St. Thomas Lutheran Church, May 25, 2003
- I again delivered the sermon at both services at St. Thomas Lutheran Church not included in materials but will show it to anyone who seeks it out diligently, June 8, 2003
- "The ECU Love Series Speakers," Unitarian/Universalist Fellowship, Richmond, KY, December 8, 2001
- February 5, 2000, "An Interactive Examination of Exploitation," State Honors Roundtable at Morehead State University, Morehead, Kentucky This was a panel critically discussing global exploitation of people and resources.
- "An Interactive Examination of Exploitation," State Honors Roundtable at Morehead State University, Morehead, Kentucky. This was a panel critically discussing global exploitation of people and resources, February 5, 2000.
- "Brave New World: Was Huxley Right," State Honors roundtable at University of Kentucky, Lexington, Kentucky, February 6, 1999
- "Reflections on Cultivating Humanity: A Classical Defense Reform in Liberal Education, The nineteenth Annual Maywoods Symposium, "Choices the Shape our Curriculum: Why Do We Teach What We Teach", Eastern Kentucky University, Richmond, Kentucky, February 25, 1999
- Brave New World: Was Huxley Right?" Southern Regional Honors council, "Bridges to a New Millennium," Little Rock, Arkansas, March 27, 1999.
- "Humanity on Trial: Is Exploitation Necessary?" Kentucky Honors Roundtable, Bowling Green, Kentucky, October 1-2, 1999"Human Aggression: Learned or Innate?" National Collegiate Honors Council Conference, Atlanta, Georgia, October 22-26, 1997
- "The History of Maxey Flats," Geology Club, Eastern Kentucky University, Richmond, Kentucky, December 4, 1996
- "Scientific Racism: Is Science One of the Causes of our Problems," Kentucky Honors Roundtable Fall Conference, Eastern Kentucky University, Richmond, Kentucky, September 27-28, 1996

- "Maxey Flats-Where is the Truth?" SIGMA XI, Eastern Kentucky University, Richmond Kentucky, September 25, 1996
- "Scientific Racism: Is Science One of the Causes of our Problems," Southern Regional Collegiate Honors Conference, Norfolk, Virginia, March 29, 1996
- "The Black Atlantic," Kentucky Honors Roundtable, Kentucky State University, Frankfort, Kentucky, February 10, 1996
- "What We Have Learned to do Well in Science," Kentucky PRISM, Fourth Annual Math/Science Conclave, Louisville, Kentucky, March 1-2, 1996
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- "The Sun, Darwin, and the Rest: Integrating Science in Honors" Annual Teaching and Learning conference, Ashland Community College, Ashland, Kentucky, October 13-14, 1995
- "Cosmos and Evolution: Exploring a Two-semester Integrated Laboratory Science Sequence," Annual Teaching and Learning conference, Ashland community College, Ashland, Kentucky, October 13-14, 1995.
- "Perspectives on Nature" moderator of panel discussion at Maywoods Retreat of College of Arts and Sciences, March 31-April 1, 1995
- Southern Regional Honors Council Meeting in Louisville KY April 7-9, 1994
- "Looking for the good in General Education" 2<sup>nd</sup> Annual Math/Science Conclave, presented with Gary Kuhnhenh and Larry Giesmann. The program was presented twice. March 25-26, 1994
- "Scientists at War, 1939-1960," Richmond Symposium, October 26, 1993
- Johannes Kepler: Natural Magician or Natural Scientist EKU Physics Club, November 20, 1991
- Astronomy course Governor's Scholars, July 27-26, 1991
- Stigma and I: Epilepsy and Self-Concept, College of Arts & Humanities Study Group Retreat, Fall 1990
- Science and Technology of Nuclear Weapons, EKU council on "Effects of Nuclear Weapons" Richmond Symposium, November 2, 1989
- "The Truth About Galileo" EKU Physics and Engineering Club, October 13, 1989
- "Science and Power" Richmond Symposium, August 30, 1988
- "Dyson, Bacon, and Savants" Maywoods, September 23-24, 1988
- "Liberal Education" COSFL/AAUP Conferences of Faculties, Frankfort, KY, March 8, 1986
- "Science Instruction and Human Reason." EKU college of Natural and Mathematical Sciences, December 6, 1985
- "Science as Myth" EKU Philosophy Club, November 1983
- Invited to talk to science faculty of Berea College, "Historical Antecedents to Students' Understanding of Space, Time and Cause." November 1983
- "Production of Knowledge and Scientific Community." EKU Humanities Forum, October 1982
- "John Pecham and medieval Cosmology." EKU Philosophy Club, October 1981
- on the Perception of Nature." Wildlife Society, Southeastern District, February, 1978, Richmond KY
- "Everything Not Forbidden is Compulsory." EKU Philosophy Club, 1977

#### ARTICLES

- "Ars scribendi in scientiae naturali communi," EKU Teaching, November 1986
- "Interdisciplinary General Education of EKU," Association for Integrative Studies Newsletter, 1985, Vol. 7, No. 2, pp.1, 4-9.

#### FUNDED GRANT PROPOSALS

- Research grant from Eastern Kentucky University to support project on Maxey Flats (funded) 1994, only author

- National Science Foundation Grant "Cosmos and Evolution: An Exploration of Nature" to develop two new lab-based science courses (funded) 1993, principal author
- NSF, NEH, FIPSE "Integrating for Excellence: Linking Science and Humanities Honors Program (funded) 1993, one of the team of authors
- NEH "The Enhancement of Excellence: Improving Honors Program Core Courses" grant to improve the knowledge of the faculty in selected content areas in the Humanities and Civilization courses (funded) 1992, one of the team of authors
- NEH "Opportunity for Excellence: Planning Humanities Honors Courses" grant to design and implement a structure for the Eastern Kentucky Honors Program (funded) 1991, one of the team of authors

#### CONFERENCES and EVENTS ATTENDED

- Spring and Fall state roundtable meeting of the Honors Programs, 2006
- The Senior Thesis Event on April 20-22, 2006
- Curriculum Alignment conference at Shaker Village of Pleasant Hill On April 27, 2006
- Philosophy Club. The participants in the debate spoke to the members of the Philosophy Club. I won again, April 14, 2003
- Honors Program Picnic and in evening Talent Show, April 25, 2003
- I helped serve pizza to freshpersons until midnight, August 15, 2003
- "Walking Lightly...A Portrait of Einstein" Pearl Buchanan Theater, 3:00-4:30, September 11, 2003
- "Intimate Partner Violence: Justice v. Just the Way it Is," Law and Justice Forum 6:30, Posey Auditorium, September 16, 2003
- "A conversation with the Provost, Dr. Lyle Cook," Noon-1:00 Walnut hall, Keen Johnson Building, September 25, 2003
- Mortar Board Balloon Toss, Noon-1:30, Water is heavy and wet, September 24, 2003
- African/African American Studies Program, 3:30-6:00, Walnut Hall, Keen Johnson building, October 10, 2003
- "Kentucky Honors Roundtable," Western Kentucky University, Bowling Green, KY, October 24-25, 2003
- "Honors Program Halloween Celebration," Bowles Farm, Richmond, KY, 2003
- "Mysterious Mountain, Mysterious Temple," the ECU Percussion Studio, Brock Auditorium, November 11, 2003
- "EKU Dance Theater, Fall Concert," Students Services Building Auditorium, Eastern Kentucky University, Richmond, KY, November 21, 2003
- International Banquet, Talent and Fashion Show," Ballroom, Keen Johnson building
- "UFO'S: the Hidden History," Student Services Building Auditorium, December 4, 2003
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- Paula Rothenberg, "Multi-cultural Curriculum Transformation: challenges and Strategies," Eastern Kentucky University, Richmond KY, February 7, 2002
- Meetings for the KIIS Faculty Development Trip to Spain in July, February 18, March 22, May 20, 2002
- Rebecca Houghtaling, "On Being a Peace Corps Worker in Ukraine," Eastern Kentucky University, Richmond Ky., February 13, 2002 former honors student
- Jeffrey Bennett, "Teaching Science," Eastern Kentucky University, Richmond Ky., February 14, 2002
- Kentucky Honors Roundtable, Spring Conference, University of Louisville, Shelby Campus, Louisville, Ky., February 15-16, 2002
- "Open Forum, Is It Possible for a Modern Scientist to Take Seriously the Biblical Account of Creation?," Eastern Kentucky University, Richmond Ky., February 25, 2002"
- "'Sights and Sounds," presented by the College of Arts and Sciences, Hummel Planetarium, Eastern Kentucky University, Richmond, Ky., March 4, 2002

- "Changing Faculty Roles and the Future of the American University," R. Eugene Rice, Celebration of Excellence, Eastern Kentucky University, Richmond, Ky., March 7, 2002
- "The Teacher in the Movies" James Rhem, Celebration of Excellence, Eastern Kentucky University, Richmond, Ky., March 7, 2002
- "Novel Synthesis for Epileptic Treatment," Clayton Hall, Department of Chemistry Seminar, Eastern Kentucky University, Richmond, Ky., March 14, 2002
- "Squaring the Circle", Southern Regional Honors Council, Marriott Marquis Hotel, Panels, "Perceptions of Scientists," "Civil Liberties: How should We Understand Them?", March 21-23, 2002
- "A Celebration I Honor of Isabelle White, Director of the ECU Women's Studies Program, "Eastern Kentucky University, Richmond, Ky., April 3, 2002
- "Stephanie Stockburger, horn, Andrew Noble, viola, "Brock Auditorium, Eastern Kentucky University, Richmond, Ky., April 3, 2002
- "Women and Sports: Robin Roberts," Brock Auditorium, Eastern Kentucky University, Richmond, April 8, 2002
- "Celebrating Student-Faculty Collaborations," Eastern Kentucky University, Richmond, Ky., April 11-15, 2002
- "Does God Exist," Adams Room, Eastern Kentucky University, Richmond, Ky., April 17, 2002
- "Twelfth Annual Senior Thesis Presentation Event," Kenamer Room, Eastern Kentucky University. I had two senior honors thesis students presenting: Sara McCain and Luke Ramsay, April 5-7, 2002
- "Islam, Democracy, and Human Rights in Africa." Main Library, Eastern Kentucky University, Richmond, Ky., April 22, 2002
- "Interdisciplinary Humanities from a Postmodern Perspective" Humanities Forum
- Co-MC of the Second ECU Honors Program Talent show. I was also the cook for well over 200 people, April 26, 2002
- "Kentucky Honors Roundtable," University of Kentucky, Lexington, Ky. I had a panel on "Civil Liberties, How Should We Understand Them.", September 27-28, 2002
- "Honors Program Halloween Celebration," Bowles Farm, Richmond, Ky., October 25, 2002
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- "Senior Thesis Presentation Event" My student Scott Stevens did a fine presentation
- "EKU Honors Ball," Weaver Dance Studio, 8-12, December 6, 2001
- New York City, Honors Program, March 14-18, 2001
- "EKU Dance Theatre, Fall Concert," Students Services Building Auditorium, Eastern Kentucky University, Richmond Ky., November 14, 2001
- "Senior Thesis Presentation Event" Cancelled. My student Lillian Rader did a presentation to me and invited guests, December 5, 2001
- Kentucky Honors Roundtable Spring Conference, February 2-3, 2001
- Pie Throwing Contest for Lambda Sigma Honorary, February 8, 2001
- ECU Dance Theater spring Concert. I was a performer in one dance. February 21-22, 2001
- Scholarship of Teaching Workshop sponsored by College of Business and Technology, March 6, 2001
- Lecture on Maxey Flat for Melissa, March 19, 2001
- "Let's Talk About the F Word: What does Feminism Mean", Panel Member, March 27, 2001
- Southern Regional Honors Council Meeting, Nashville, TN, panel, March 29-31, 2001
- Eleventh annual Senior Thesis Event, Kenamer Room, Eastern Kentucky University. I had one senior honors thesis student presenting, April 5-7, 2001
- General Education Forms, April 4 and 10, 2001
- "Interdisciplinary Humanities from a Postmodern Perspective" Humanities Forum, April 26, 2001
- Co-MC of the First ECU Honors Program Talent Show, April 27, 2001

- Celebrating Diversity in the Classroom Workshop, May 8-9, 2001
- Lecture on Climbing Mt. Everest with Lou Kasischke, August 13, 2001
- Arlington Retreat for Department Earth Sciences, September 14-15, 2001
- "Spider Woman Walks this Land: Traditional Cultural Properties and the Navajo Nation," Dr. Kelli Carmean, October 1, 2001
- "Nice Girls Don't Sweat," written and performed by Jane Curry, October 17, 2001
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- Kentucky Honors Roundtable Spring Conference, February 4-5 2000
- Tenth Annual Senior Thesis Event, Kenamer Room, Eastern Kentucky University. I had three senior honors thesis students. Each of them also had to speak about their thesis at this event, April 13-15, 2000
- ACLU Forum "Evolution, Creationism and Civil Liberties," Transylvania University, Lexington Ky., September 18, 2000
- New York City, Honors Program, March 14-18, 2001
- Fall Semester Senior Thesis Presentation Event, Kenamer Room, Eastern Kentucky University, December 5, 2000
- Dr. Yezdi Bhada, "Scholarship: A Broader Perspective," this was a workshop on Carnegie Foundation Ideas on Scholarship, March 6, 2000
- Dr. Peter Kraska, "The Scholarship of Discovery and Integration: My Path Toward Better Teaching, March 29, 2000
- Tracy Campbell, "Election 'Irregularities' in Kentucky: A 20<sup>th</sup> Century Sample on Stealing Votes," Kenamer Room Eastern Kentucky University, March 30, 2000
- Ray Tennant, "Mathematics and Modern Art: a Bridge to New Dimensions," Adams Room, Eastern Kentucky University, April 12, 2000
- Robert Kennedy, Jr., "Our Environmental Destiny," Brock Auditorium, Eastern Kentucky University, April 19, 2000
- Dr. Robert Topmiller, "Vietnam is More than a War, It is also a Country," Library, Eastern Kentucky University, October 10, 2000
- Dr. George Wright, "Living in a Segregated Society during the Civil Rights Era in Kentucky," Kenamer Room, Eastern Kentucky University, November 2, 2000
- John Paulos, "A Mathematician Reads the Newspaper," Millennium Committee, Adams Room, Eastern Kentucky University, November 8, 2000
- "Music of the Season: A Lesson and a Recital," Walnut Hall, Eastern Kentucky University, December 7, 2000
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- State Honor Roundtable at the University of Kentucky, Lexington, Ky., February 5, 1999
- The nineteenth Annual Maywoods Symposium, "Choices that shape our curriculum: Why do we teach what we teach?", Eastern Kentucky University, Richmond, Ky., February 25-26, 1999
- The Darwin Series, "New Ideas About Fossil Horse Evolution" The Kentucky Paleontological Society, February 26, 1999
- Southern Regional Honors Council, "Bridges to a New Millennium", Little Rock, Arkansas, March 25-27, 1999
- "What is the Best Kind of General Education for ECU, Creation Science and Interpreting Geologic Time," Eastern Kentucky University, Richmond, Ky. April 13, 1999
- Kentucky Honors Roundtable, Bowling Green, Ky., October 1-2, 1999
- "Educating the Emotions," Seventeenth Annual Maywood's Symposium, Mule barn Eastern Kentucky University, February 6-7, 1997
- Kentucky Honors Roundtable, University of Louisville, Louisville Kentucky, February 7-8, 1997
- "Science and Religion," William R. Kenan Jr. Lecture Series, Haggin Auditorium, Transylvania University, April 8, 1997
- Workshop on Nursing Chemistry, Eastern Kentucky University, May 19-23, 1997

- Seventh Annual Senior Thesis Presentation Event, Eastern Kentucky University, April 18-19, 1997
- Kentucky Honors Roundtable 1997 Fall Conference, Murray State University, Murray, Kentucky, October 3-5, 1997
- "Human Aggression: Learned or Innate?" Kentucky Honors Roundtable, University of Louisville, Louisville Kentucky, February 7-8, 1997
- "Make Yourself a Scientist: An Open Discussion," Eastern Kentucky University Geology Club, Richmond, Kentucky, April 2, 1997
- Recognition Ceremony Address, College of Natural and Mathematical Sciences, Eastern Kentucky University, Richmond, Kentucky, December 13, 1997
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- Library Focus Group, Eastern Kentucky University, Richmond, Kentucky, November 22, 1996
- The National Collegiate Honors Council, San Francisco, California, October 31-November 4, 1996
- Brainstorming session for Honors Mathematics Grant, October 24, 1996
- Kentucky Honors Roundtable Fall Conference, Eastern Kentucky University, Richmond, Kentucky, September 27-28, 1996
- Maywood's Retreat for Department of Geology, Maywood's, Kentucky, September, 6-7, 1996
- NEH, NSF, FIPSE Workshop, Richmond, Kentucky May 14-15, 1996
- Senior Thesis Event, Kennamer Room, Eastern Kentucky University, April 19-20, 1996
- "Making Gender visible in the Construction of Scientific Theories," Helen Longino, consultant to Honors grant, April 17, 1996
- Sessions with Lawson Crowe, consultant to Honors grant, April 10-12, 1996
- Southern Regional Collegiate Honors Council, Norfolk, Virginia March 28-30, 1996
- "Institutionalizing PRISM-UG," Kentucky PRISM, Fourth Annual Math/Science Conclave, Louisville, Kentucky, March 1-2, 1996
- "Teaching for Learning" 1996 Maywood's Symposium, Mule barn at Arlington, Richmond, Kentucky, February 22-23, 1996
- Kentucky Honors Roundtable Spring, Frankfort, Kentucky February 9-10, 1996
- College of Arts and Humanities Retreat, Maywoods, Eastern Kentucky University, March 31-April 2, 1995
- The Forest Commons, Eastern Kentucky University, Richmond, Ky., March 3
- Southern Regional Honors Council, Charleston, SC, March 10-11-1995
- National collegiate Honors Council Meeting, San Antonio, TX, October 27-29-1994
- Ohio Valley History Conference 10<sup>th</sup> Annual Meeting, Moderator of Session, Richmond Ky., October 21-22, 1994
- Southern Regional Honors Council Meeting, Louisville, KY., April 7-9, 1994
- 2<sup>nd</sup> Annual Math/Science Conclave, PRISM, Louisville, KY., March 25-26, 1994
- Kentucky Honors Round Table. Attended and Drove van. Used some time to interview Dr. Jacobsen and tried to interview individuals at U.S. Ecology about Maxey Flats, January 28-29, 1992
- Southern Regional Honors Council, Roanoke, Virginia, April 2-4, 1992
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- National Collegiate Honors Council, Chicago, Illinois, October 31- November 1, 1991
- From Polyani to the 21<sup>st</sup> Century: A Centennial Celebration, Kent State University, April 11-13, 1991
- "Biological Effects of Ionizing Radiation: course, Argonne National Laboratory, Illinois April 12-14, 1989
- Association for Integrative Studies National Meeting, Eastern Kentucky University, October 1985
- Association for General and Liberal Studies Conference, Lexington, Ky., Nov. 1983
- Association for General and Liberal Studies Conference, Minneapolis, Mn., Oct. 1982
- Fifth Medieval Science Colloquium, Research Triangle, N.C., May 1981

- Association for General and Liberal Studies conference, Pennsylvania, State University, Nov. 1980
- Midwest Junto of the History of Science Society, University of Wisconsin-Madison, April 1980
- Spitz Planetarium Training School, Chadds Ford, Pennsylvania, June 1979
- National History of Science Society Annual Meeting, University of Wisconsin-Madison, October 1978
- Humanistic Perspectives on Technology, Lehigh University, September 1977
- Midwest Junto of the History of Science Society, University of Notre Dame, March 1976
- Colloquium on Medieval Science, University of North Carolina, 1976
- Association for General and Liberal Studies, Middle Tennessee State University, 1975

## UNIVERSITY AND COLLEGE RESPONSIBILITIES

### HONOR TRIPS

- New York, NY January 2004
- Philadelphia, PA January 5-9, 2003
- New York City, Honors Program, March 14-18, 2001
- New Orleans Trip, Honors Program, January 8-12 2000
- Philadelphia, PA., Honors Cultural Trip. 22 hour bus trip, perhaps my most hazardous, Gettysburg Battlefield, historical district, Museum of Art, Rodin Museum, a play "Late Night Catechism." January 14-18, 1999
- Honors Cultural Trip to New York City, March 18-23, 1997
- Cultural trip to New Orleans, January 11-15, 1996
- Chicago, architectural tour, Institute of Art, Museum of Science and Industry, February 17-20, 1995
- Washington D.C. Holocaust Museum, Supreme Court, major monuments, the Capitol, White House, Smithsonian Museum, Arlington National Cemetery, Washington National Cathedral, Jazz at the Kennedy Center, Monticello, February 17-21, 1994
- New Orleans, aquarium, battlefield ware of 1812, plantation, swamp, etc. February 16-20, 1993
- Toronto Museum of Science and Technology, theatre, downtown, art museum, February 15-19, 1992

HONORS THESES I have supervised many (~20) senior honors thesis.

ACADEMIC QUICK RECALL TEAM 10 years 2 practices a week and weekend travels

DEPARTMENT CHAIR AND ACTING ASSOCIATE DEAN (SUMMERS) 1979-1995

CHAUTAUQUA LECTURES COORDINATOR 1999-PRESENT over 129 events

MAYWOODS RETREATS, Both the Social Science and Humanities College retreats. I missed only one, I think.

### COMMITTEE ASSSIGNMENTS

- Screening Committee for the position of planetarium director
- Committee to discuss planetarium with Dr. Paul Knappenberger
- Faculty Colloquium council

- Special Activities committee of the Southern Association Self-Study Report
- Tenure and Promotion Committee, Central University College
- Tenure and Promotion Committee, College of Natural and Mathematical Science
- Honors Committee
- General Education Objectives Review Committee
- General Education Subcommittee for Sciences
- Faculty Senator, 1980-1983
- Chairman, Elections Committee 1981-1982
  - Proposed bill that supported publication of scholarly books, now University policy
  - Instrumental in changing withdrawal policy to simple W
  - Involved in reorganization of Faculty Senate, particularly Ad Hoc Parking Committee
- Honors Program Planning Committee
- University General Education Committee 1979-1992
- Supervised the painting of murals and hanging of photo murals in Moore 116 & 100
- Truman Scholarship Committee
- Chairs Steering Committee
- HON 315 Grant committee
- CNM 101-102 Grant Committee
- Academic Quick Recall Team, Coach 1990-1999

#### DEPARTMENTAL RESPONSIBILITIES

- Social Committee History Department
- Planning and Assessment History Department
- Search Committee for either Ancient or World History Position, History Department
- United Way Resource Person
- Academic Practices Committee
- Tenure and Promotion Committee
- Sabbatical Leave Committee
- Student Appeals committee
- Involved in the redesign of physical science laboratory
- Physical Science NAT 171 Laboratory coordinator
- Supervised graduate student laboratory assistants
- Department Chair

#### WORKSHOPS ATTENDED

- Peggy Maki workshop on Student Learning Objectives and Assessment, May 16-18, 2006
- NSF Chautauqua with Craig Nelson entitled Using Critical Thinking to Teach Evolution October 19-21, 2006
- Teaching Learning Workshop, Department of Earth Sciences, August 8-12. We worked to completely restructure general education courses.
- Honors Program External Review, Ada Long, Eastern Kentucky University, Richmond, Ky., March 3-5, 2002
- Critical Thinking Workshop with Craig Nelson, part of Chautauqua, April 13, 2002
- "Assessment in Curriculum and Classroom Practices," Jill Moore, Bob Hokanson, Alverno College, Eastern Kentucky University, Richmond, Ky., May 14-15, 2002
- Online Teaching Institute, Library, and Eastern Kentucky University. This workshop introduced me to Blackboard, Photoshop, and Dreamweaver, May 22-June 2, 2000
- Maywood's Retreat. For Department Earth Sciences, September 8-9, 2000

- Honors Assessment Workshop, May, 2000
- National Endowment for the Humanities Workshop ECU Honors Program, May 15, 1998
- NSF, NEH, FIPSE workshop "Integrating for Excellence: Linking Science and Humanities Honors Courses" to develop a new course for the Honors Program, May 17-June 2, 1995
- "Critical Thinking :Process and Outcome," Nursing workshop, October 4, 1996
- NSF workshop "Cosmos and Evolution An Exploration of Nature" to create two new laboratory courses for non-majors May 23-June 3 1994
- NSF workshop "Cosmos and Evolution: An Exploration of Nature" to create two new laboratory courses for non-majors May 23-June 3, 1994
- NSF, NEH, FIPSE workshop "Integrating for Excellence: Linking Science and Humanities Honors Courses" to develop a new course for the Honors Program May 9-20, 1994
- NSF workshop "Cosmos and Evolution: An Exploration of Nature" to create two new laboratory courses for non-majors May 10-June 4, 1993
- NEH workshop " The Enhancement of Excellence: Improving Honors Program Core Course" to improve faculty knowledge in selected content the humanities and civilization, May 12-June 12, 1992
- NEH workshop "Opportunity for Excellence: Planning Humanities Honors Courses" to plan the curriculum for the Honors Program at Eastern Kentucky University, May 11-May 27, 1991

#### CONSULTANT

- Consultant for Otterbein College 2006 contract was for three years. I have made one trip so far. They were trying to revise their science courses and asked me because the Cosmos and Evolution Grant.
- Panelist for the National Endowment for the Humanities and National Science Foundation, June 12-13, 1995, Washington D.C.
- I served as a consultant for a Lilly Foundation Grant that Martin Brock wrote. I helped edit the text. I also met with the working group for about May 19-23. The total time was about twenty days. We were simultaneously looking at pedagogy and content of a course for nursing chemistry. The small working group consisted of three chemists, a mathematician, a medical sociologist in nursing, and me. We worked hard, but also had excellent times. 1997
- Panelist for the National Science Foundation, July 12-14, 1994, Washington D.C. State honors
- Fort Lewis College, Durango Colorado, March 13-16, 1984
- Berea College, Berea Kentucky, November 1983

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