

**CURRICULUM VITAE**  
**MURRAY PATON PENDARVIS**  
ppendarvis@selu.edu

**Education:**

- B.S. Southeastern Louisiana University, Biology Education, 1974.  
M.S. Southeastern Louisiana University, Zoology, 1976.  
+30 Southeastern Louisiana University, Administration and Supervision, 1980.  
Ph.D. University of Southern Mississippi, Science Education, 1986.

**Areas of Teaching Secondary Certification:**

Biology	General Science	Supervision of Student Teaching
Chemistry	Science Laboratory Safety	Administration
Physics	Science Education	Supervision

**Professional Awards and Honors:**

- 2008 The National Society of Leadership and Success Excellence in Teaching Award.  
2008 Southeastern Louisiana University Division of Student Affairs Outstanding Teacher Award.  
2007 Our Lady of the Lake College Outstanding Teacher Award.  
1993-94 Louisiana Governor's Award for Excellence in Science Education.  
1989-90 Apple Computer Award for the use of the computer in inspiring and innovative ways, New Orleans, Louisiana.  
1988 Southeastern Louisiana University, Outstanding Alumnus in the College of Education.  
1986-87 National Recipient for Presidential Award for Excellence in Science and Mathematics Teaching, Washington, D.C.  
1986-87 Louisiana Recipient for Presidential Award for Excellence in Science and Mathematics Teaching, Baton Rouge, Louisiana.  
1986-87 National Award for Teaching Excellence, IDEA Conference, St. Louis, MO.  
1986-87 Livingston Parish Science Teacher of the Year.  
1986-87 Livingston Parish Presidential Award for Excellence in Science Teaching.  
1985 Outstanding Young Men of America.  
1983-84 Livingston Parish Presidential Award for Excellence in Science Teaching.  
1982-83 Livingston Parish Presidential Award for Excellence in Science Teaching.  
1979-80 National Association of Biology Teachers' Louisiana Teacher of the Year.  
1978-79 Livingston Parish Most Outstanding Teacher of the Year.  
1974 Southeastern Louisiana University Honor Graduate.

1970 Department of the Army Outstanding Freshman Cadet Award

**Professional Experience:**

1991-Pres: Assistant Professor, Department of Biological Sciences - Southeastern Louisiana University. Academic Advisor, Coordinator of Freshman Biology, Non-majors Introductory Biology lecture/lab, Majors Introductory Biology lecture and lab, Honors Biology I&II, Human Anatomy and Physiology I & II lecture and lab, Comparative Anatomy, Biological Applications for Teachers, Biology for Teachers, The History of Biology, Evolution, Fundamentals of Greek and Latin for Biology Majors, Medical Terminology, Biophotography, Botany Laboratory, Zoology, Honors Zoology Lab, and Zoology Lab.

1995-Pres: Adjunct Professor, Biology Department - Our Lady of the Lake College. Introductory Biology I & II lecture/lab, Human Anatomy and Physiology I & II, Paleoevolution, Ecology, Environmental Science, History of Medicine, Biophotography, and Medical Genetics.

2005-Pres.: Adjunct Professor, Biology Department - Our Lady of the Lake College. Medical Genetics.

1988-1991: Science Teacher, Doyle High School, Livingston, Louisiana. Environmental Science, Physics, Biology I and Advanced Biology.

1987-1988: Instructor, Southeastern Louisiana University. Science for Secondary School Teachers, Social Studies for Secondary School Teachers, Science and Social Studies Methods for Elementary School Teachers, Computers for Teachers

1986-1987: Science Teacher, Doyle High School, Livingston, Louisiana. Environmental Science, Biology I and Advanced Biology.

1984-1986: Graduate Assistant, University of Southern Mississippi, Hattiesburg, Mississippi. Science Education, Life Science for Elementary Teachers, Life Science for Intermediate Schools, Life Science for High Schools, Metric Education.

1982-1984: Science Teacher, Walker High School, Walker, Louisiana. Biology I, Advanced Biology, General Science, Photography.

1980-1982: Principal, Doyle High School, Livingston, Louisiana.

1976-1980: Science Teacher, Doyle High School, Livingston, Louisiana. Biology I, Advanced Biology, Chemistry, Physics, General Science, Photography.

1974-1976: Graduate Assistant, Southeastern Louisiana University, Department of Biology, Hammond, Louisiana. Field Biology, Zoology Lab, Ichthyology Lab, Ornithology Lab.

1974-1980: First Lieutenant, United States Army Reserve, Nuclear, Biological, and Chemical Warfare, Aberdeen Proving Grounds, Aberdeen, Maryland.

### **Professional Activities:**

- 2013 Morton Publishing workshop for introductory majors biology lab manuals.  
Denver, Colorado.
- 2012 Morton Publishing workshop for introductory biology lab manuals.  
Denver, Colorado.
- 2011 National Geographic photography course, Galapagos Islands, Ecuador.
- 2010 - Morton Publishing workshop for introductory biology lab manuals.  
Yellowstone, Montana.
- 2009 – Morton Publishing biophotography seminar, Provo, Utah..
- 2007 - McGraw-Hill administrator Hoefnagels Project. Dubuque, Iowa.
- 2006 - Administrator Pendarvis Digital Image Library, McGraw-Hill.
- 2006 – McGraw-Hill Ideal Biology Text Symposium, Austin Texas.
- 2006 - McGraw-Hill Policy workshop on facing intelligent design, Dubuque, Iowa.
- 2006 - McGraw-Hill discussion on Mader 9th Edition. Clemson.
- 2006 - McGraw-Hill discussion on Mader 9th Edition. LSU.
- 2006 - Morton Publishing developmental workshop for introductory biology lab manuals.  
Denver, Co.
- 2005 - McGraw-Hill Textbook Policy Seminar , Dubuque Iowa.
- 2004 - McGraw-Hill Textbook Writers Seminar Series Participant, San Diego California.
- 2003 - McGraw-Hill Active Art Contributor for Genetics: Analysis and Principles by Robert Booker.
- 2003 - McGraw-Hill Active Art Editor for Genetics: Analysis and Principles by Robert Booker.
- 2003 - McGraw-Hill Textbook Author Symposium, Madison, Wisconsin.
- 2003 - Project Gear-Up Steering Committee Member.
- 2003 - McGraw-Hill Textbook Writers Seminar Series Participant, Key West, Florida.
- 2003 - Committee member -Career Fair Planning and Implementation, SLU.
- 2002 -McGraw-Hill Textbook Writers Seminar Series Participant, Chicago, Illinois.
- 2000 - Pr. Coordinator for Science Activities, Science Olympiad, SLU.
- 1999 - Pr. Coordinator for NCATE - Biology Education.
- 1998-Pr. National Association of Science Teachers, Manuscript Review Committee for The Journal of Science Teaching
- 1996-98 Laser Interferometer Gravitational Wave Observatory Advisory Committee Member.
- 1996 Project Kaleidoscope Workshop: Revitalizing Undergraduate Biology.  
Morehouse College, Atlanta, GA. November 8-10, 1996.
- 1996-Pr. State Science Fair Judge, Baton Rouge, LA. April 1996.
- 1996 Reviewer Zoology 3rd. Edition, Stephen Miller & John Harley: W.C.Brown .

- 1995-Pr. Member SELU Faculty Development Committee.  
1995 Committee Head for SELU Team. Developing proposals for the Rural Systemic Initiative. March 28, 1995.
- 1994-Pr. District Rally Committee Coordinator. SELU Dept. of Biological Sciences.  
1995 SAC's committee member. SELU.
- 1994 "The Use of Multimedia in Wildlife Preserves." Project Teletec. Louisiana Public Television production. October 1994.
- 1993-95 Co-author and Instructor in Project Cypress. Louisiana Systemic Initiative.  
1994 Reviewer Nature of Life 2nd Edition.: McGraw Hill.
- 1994-Pr College of Education Most Outstanding Graduate Selection Committee.  
1993-94 Steering Committee Member, Louisiana Technology in Education Conference.
- 1993 "The Effective use of Multimedia in the Science Classroom." Harnessing the Power, Project Teletec. Louisiana Public Television. October 1993.
- 1992-Pr. Teacher Education Curriculum Committee, SLU.  
1992-Pr. State of Louisiana Science Committee Member, Louisiana Systemic Initiative.  
1992-Pr SLU Biology Department Curriculum Committee  
1992-Pr. Framework Committee for Foundations in Louisiana Science Education. Louisiana Systemic Initiative.
- 1993 Sci Link Participant and Founding Member  
1993 Project Earth Executive Committee member.
- 1992-Pr. Louisiana Systemic Initiative Advisory Committee, SLU.  
1992-93 Co-author and Instructor in Project DELTA II. Louisiana Systemic Initiative.  
1992 Co-author and Instructor in Project DELTA. Louisiana Systemic Initiative.  
1992 Co-author of Project CYPRESS (Communities and Youth Pursuing the Restoration of Ecologically Sustainable Species). Ecological Society of America Ecology in Education Workshop.
- 1991-Pr. Louisiana Computer Multimedia and Internet Consortium member.  
1991 Co-author, "Upwardbound with Science and Mathematics at Southeastern Louisiana University II".
- 1992-Pr. Southeastern Louisiana University Science Fair Committee.  
1991-95 Outstanding Science Educator Selection Committee Southeastern Louisiana University
- 1991-Pr. Judge for Regional Science Fair, Southeastern Louisiana University, Hammond, LA.  
1992-Pr. Safety Coordinator for Regional Science Fair, Southeastern Louisiana University, Hammond, LA.
- 1991-93 State of Louisiana Governor's Transition Team to Improve Education.  
1991-92 SAC's Committee (Science Education), Southeastern Louisiana University.  
1991-92 SAC's Committee (Biological Sciences), Southeastern Louisiana University.  
1991-94 Systemic Committee (Biological Sciences), Southeastern Louisiana University.
- 1991 Moderator Louisiana 2000: Louisiana Public Broadcasting.  
1991 Host for the six part Satellite Education Research Consortium/ Louisiana Public Broadcasting Science Special entitled "Energy/Environment: The Critical Connection."
- 1991 Co-author and instructor (Marine Science Component), Tulsa Summer

- Academy for Science and Mathematics".
- 1991 Co-author and instructor, "Upwardbound with Science and Mathematics at Southeastern Louisiana University".
- 1990-91 Project Earth Science Advisor.
- 1990-91 Project Food, Soil, and Water Academic Contributor.
- 1989-91 Capital Soil Conservation District Educational Consultant.
- 1989-91 Apple Computer Educational Consultant.
- 1989-91 Macteam Advisor, Doyle High School, Livingston, LA.
- 1988-91 Coordinator Satellite Education Research Consortium, Doyle High School, Livingston, LA.
- 1988-89 Science Chairman, Livingston Parish Textbook Adoption Committee.
- 1988-89 Vice president Phi Delta Kappa honor society (SLU).
- 1988-91 Livingston Parish School Board, AIDS awareness program member.
- 1987-90 Science Department Chairman, Doyle High School, Livingston Louisiana.
- 1987-90 Science, Photography and Academic Club Sponsor, Doyle High School, Livingston, LA.
- 1987-90 Academic Awards master of ceremonies, Doyle High School, Livingston, LA.
- 1987-90 Academic Coach, Doyle High School, Livingston, LA.
- 1987-90 Coordinator of research projects , Doyle High School, Livingston, LA.
- 1987-88 Judge for State Science Fair, Louisiana State University, Baton Rouge, LA.
- 1987-88 Judge for Regional Science Fair, Southeastern Louisiana University, Hammond, LA.
- 1987-88 Judge for Regional Science Fair, Louisiana State University, Baton Rouge, LA.
- 1987-88 Writer of State Curriculum Guide for Advanced Biology.
- 1987-90 Academic Coach, Doyle High School, Livingston, La.
- 1987-88 Committee member for National Science Foundation and National Science Teachers' Association, "Improving Science Teacher Education".
- 1985-86 Mississippi Science Fair, Assistant Coordinator, Hattiesburg, MS.
- 1985-86 University of Southern Mississippi and Mississippi Power & Light Education Asst.
- 1984 Sponsor, International Science Fair Award Recipient & Regional Award Recipient.
- 1982-84 Coordinator, Washington, D.C., Educational Field Trips.
- 1982-84 Sponsor, Science, Computer, and Photography Clubs, Walker High School, Walker, LA.
- 1982 Science Chairman, Livingston Parish Textbook Committee.
- 1981 Vice President, Livingston Parish Principal Association.
- 1976-80 Sponsor, Science and Photography Clubs, Doyle High School, Livingston, La.
- 1976-80 Executive Officer, Doyle High School, Livingston, La.
- 1976-80 Science Department Chairman, Doyle High School, Livingston, LA.
- 1976-80 Coordinator, Washington, D.C. and Houston Education Field Trips.
- 1976-80 Yearbook Photography, Doyle High School, Livingston, La.
- 1976-80 Senior Sponsor & Graduation Coordinator, Doyle High School, Livingston, LA.

**Publications:**

Exploring Biology in the Laboratory, 2nd. Edition. Pendarvis/Crawley 2011, Morton Publishing.

Exploring Biology in the Laboratory, Pendarvis/Crawley 2011, Morton Publishing.

Biology 9th edition. Sylvia Mader and Murray P. Pendarvis. McGraw-Hill 2007.

Protista Chapter for Marielle Hoefbagels to be named introductory biologist text, 2007.

Animal Evolution Unit for Mader Biology. Murray Paton Pendarvis. McGraw-Hill Publishing Company, Dubuque, Iowa. August 2003.

Animal Evolution Unit for Mader Biology. Murray Paton Pendarvis. McGraw-Hill Publishing Company, Dubuque, Iowa. August 2003.

Netquest: Exploring Anatomy and Physiology. Murray Paton Pendarvis and Debbie Dardis. McGraw-Hill Publishing Company, Dubuque, Iowa. January 1998.

Botany Laboratory Manual. Barry Ferguson, Murray Paton Pendarvis, and Larry Frederick. Kendall Hunt Publishing Company. January, 1998.

“Evolution vs. Conservative Religious Beliefs” Anne Sinclair and Murray Paton Pendarvis. Journal of College Science Teaching. December 1997 - January 1998.

“Evolutionary Theory vs. Creationism: Will the Controversy Ever End?” Anne Sinclair and Murray Paton Pendarvis. The American Biology Teacher. Submitted for review in October 1996.

“The Relationship between College Zoology Students Religious Beliefs and Their Ability to Objectively View and Comprehend the Scientific Evidences Supporting Evolutionary Theory.” Anne Sinclair, Murray Paton Pendarvis, and Beatrice Baldwin. Journal of Research and Development in Education; Winter 1997.

NetQuest: Exploring Zoology. Murray Paton Pendarvis, Debbie Dardis, and Dianna Laurent. W.C. Brown Publishers, Dubuque, Iowa. December 1996.

NetQuest: Exploring Zoology Teachers Guide. Murray Paton Pendarvis and Debbie Dardis. W.C. Brown Publishers, Dubuque, Iowa. January, 1997.

NetQuest: Exploring Botany. Murray Paton Pendarvis and Debbie Dardis. W.C. Brown Publishers, Dubuque, Iowa. December 1996.

Biology: It's All About Life The Zoology Laboratory Third edition, Murray P. Pendarvis and Barry Ferguson. Lab manual for freshman zoology at Southeastern Louisiana University. Carr Printing 1995.

Biology: It's All About Life: The Botany Laboratory. Second edition, Murray P. Pendarvis and Barry Ferguson. Lab manual for freshman botany at Southeastern Louisiana University. Carr Printing 1995.

Biology: It's All About Life: The Botany Laboratory. Murray P. Pendarvis and Barry Ferguson. Lab manual for freshman botany at Southeastern Louisiana University. McGraw-Hill Publishing Company 1994.

Biology: It's All About Life The Zoology Laboratory. Second edition, Murray P. Pendarvis and Barry Ferguson. Lab manual for freshman zoology at Southeastern Louisiana University. McGraw-Hill Publishing Company 1994.

"A Multimedia Tour of Global Wildlife." Apple Computer. Gary Dauphin and Murray Paton Pendarvis. 1993

Biology: It's All About Life The Zoology Laboratory. Murray P. Pendarvis and Barry Ferguson. Lab manual for freshman zoology at Southeastern Louisiana University. 1993

"Science Activities," Project Earth Science Activities Series I, Capitol Soil and Conservation District Publication. April 1991.

"The Effect of Cotyledon Removal Upon the Growth of Peanut Embryos," Facts on File, Elementary Science Experiments, Fall, 1988.

"Manchac Mania," National Academy of Science, Compilation of the Presidential Award for Excellence in Science Teaching, November, 1987.

The Effect of Integrated Process Skills Training on Teachers Process Skills Acquisition and Anxieties Towards Science and the Teachers Impact on Their Students. M.P. Pendarvis, University of Southern Mississippi, 1986.

"Prehistoric Indians of the Florida Parishes." M.P.Pendarvis and Barry J. Ferguson , Livingston Parish History. Edward Livingston Historical Society.Curtis Media Corporation, Dallas, Texas.1986.

### **In Progress and Proposed Publications:**

Presently writing second edition of Exploring Biology in the Laboratory with photographer John Crawley for Morton Publishing Company, Denver Colorado.

Consultant for Sylvia Mader's to be named basic non-majors text, McGraw-Hill.

"Saving Palms from Freeze Damage." Larry Frederick and Murray P. Pendarvis. Louisiana Palm Society.

“The Effect of Chlorine Concentration Upon the Germination Rate of Windmill Palms.” Murray Paton Pendarvis and Larry Frederick. American Palm Society. (RESEARCH CONTINUING)

"Spartina City: The Simulation Game" Louisiana Science Teachers.

"The Use of Azaleas to Illustrate Plant Propagation in the Biology Classroom." Murray Paton Pendarvis and Robert Lee. (RESEARCH CONTINUING)

"BioMac Clip Art and Images." Murray Paton Pendarvis, Barry Ferguson, and Cayl Bridges.

"In Defense of Darwin, A Practical Approach to Evolution in the Classroom." Murray Paton Pendarvis and Anne Sinclair. Will be submitted to The American Biology Teacher once completed.

"Common Fossils Found in the Driveway." Murray Paton Pendarvis, Barry Ferguson, and Cayl Bridges. Will be published locally.

“Digital Microscopy and the Computer.” Murray Paton Pendarvis. Will be submitted to The American Biology Teacher once completed.

“The Biology Bob Series” Robert M. Everett and Murray Paton Pendarvis. Will be submitted to Science and Children once completed.

“The Flora and Fauna of the Northshore of Lake Ponchartrain.” Murray Paton Pendarvis and Barry Ferguson. Will be published locally.

“Kool-Aid and Mathematics” Murray Paton Pendarvis and Debbie Dardis. Will be submitted to a science education journal once completed.

### **Grants:**

"Teaching Experimenting to Mississippi Teachers (TEMPT), Iva Brown, Dr. Fred Brown, and Mr. Lawrence Bellipani " National Science Foundation, Washington, D.C., 1985-86. (\$64,000 grant funded to implement the use of integrated process skills in the junior high school science classroom.)

"Presidential Award for Excellence in Science Teaching," National Science Foundation, Washington, D.C., 1987. (\$5,000 grant funded for science equipment purchase for Doyle High School.)

"Enhancing Biology Students' Content Knowledge, Process Ability, and Scientific Attitudes Through High Quality Computer Graphics." 1989 Louisiana 8-g. (Not funded)



"Macteam: Enhancing Science Curricula Through Innovative Computer Techniques."  
1990 Louisiana 8-g. (Not funded)

"Upward Bound with Mathematics and Science at Southeastern Louisiana University."  
Donald Hayes, Murray P. Pendarvis, Richard Louth, and Beth Gray. Department of  
Education Grant. August 1990. (\$120,000) (Funded)

"Tulsa Academy of Mathematics and Science" Murray P. Pendarvis and Randall K.  
Bradshaw. (Marine Science Component) Tulsa Junior College/The University of Tulsa.  
July 1991. (10,000) (Funded)

"Upward Bound with Mathematics and Science at Southeastern Louisiana University  
Year II" Donald Hayes, Murray P. Pendarvis, Richard Louth, and Beth Gray. Department  
of Education Grant. August 1991. (\$190,000) (Funded)

"Upward Bound with Mathematics and Science at Southeastern Louisiana University  
Years III-IV" Donald Hayes, Murray P. Pendarvis, Richard Louth, and Beth Gray.  
Department of Education Grant. August 1992. (\$1,000,000 Funded)

"Project DELTA" Richard Sanders, Murray P. Pendarvis, Beth Gray, Ralph Shaw, and  
Bea Baldwin. Louisiana Systemic Grant. October 1991. (\$195,000) (Funded)

"A Writing Lab for the Biological Sciences" Keith Bancroft, Deborah Dardis, Murray P.  
Pendarvis, and Richard Louth. LEQSF grant. Fall 1991. (\$178,000) (Not-funded)

"A Multi-disciplinary Approach to Improving Instruction and Research at Southeastern  
Louisiana University: Enhancing Our Geographic Information Systems Capabilities With  
the Macintosh Computer System" Murray P. Pendarvis and Gary Schaffer. Apple  
Computer Earth Grant. May 1992. (\$116,000) (Not-funded)

"Biology: It's All About Life, Video Part I" SLU Teaching Enhancement Grant. (\$2000)  
(Funded) 1992

"TEAMS Project" Beth Gray, Tena Golding, Murray P. Pendarvis, and Debbie Dardis.  
MSEA Proposal. May 1992. (\$45,000) (Not Funded)

"Teachers Workshops in Environmental Education. Turtle Cove Environmental Research  
Station." Robert Hastings and Murray P. Pendarvis. (EPA) (\$28,538) (Not funded) 1992

"Project DELTA II" Richard Sanders, Murray P. Pendarvis, Beth Gray, Gwen Barsley  
and Bea Baldwin. Louisiana Systemic Grant. October 1992. (\$195,000) (Funded)

"Creating an Outdoor Classroom at the Albany/Springfield Middle School Facility"  
Murray Paton Pendarvis and Robert Vernon. Capital Soil Water Conservation District.  
(\$10,000) (Funded)

"Physiological Effect of Microbial Degradation of Pollutants." Gary Childers, Robert Okazaki, Keith Bancroft, and Murray P. Pendarvis. DOE/EPSCoR Proposal. Spring 1993. (\$143,818) (Not Funded)

"Project CYPRESS I." Gary Schaffer, Murray P. Pendarvis, Connie Nobles, and Ernest Simineaux. Louisiana Systemic Grant November 1993. (\$179,000) (Funded)

"DIBS: Digital Imaging in the Biological Systems" Murray P. Pendarvis and Barry Ferguson. LEQSF. Fall 1993. (Not funded)

"Project CYPRESS II." Gary Schaffer, Murray P. Pendarvis, Willie Ennis III, and Ernest Simineaux. Louisiana Systemic Grant October 1994. (\$179,000) (Funded)

"Interdisciplinary Multimedia." Catherine Schieve, Murray P. Pendarvis, Willie Ennis III. SLU internal grant. (\$18,000) (Funded)

"Electronic Media for Creative and Interdisciplinary Use." Catherine Schieve, Murray P. Pendarvis, David Hanson, Roy Blackwood, and Willie Ennis III. LEQSF Grant. Fall 1994. (284,5000) Partially funded (\$79,000)

"Project CYPRESS III." Gary Schaffer, Murray P. Pendarvis, Willie Ennis III, and Ernest Simineaux. Louisiana Systemic Grant October 1995. (\$179,000) (Funded)

The Nature of Mathematics: Real World Applications of Abstract Ideas. Barbara Allen, Murray P. Pendarvis, Deborah Dardis, Becky Muhler. Louisiana Systemic Grant October 1995. (\$150,000) (Funded)

The Nature of Mathematics: Real World Applications of Abstract Ideas. Barbara Allen, Murray P. Pendarvis, Deborah Dardis, Becky Muhler. Louisiana Systemic Grant October 1996. (\$150,000) (Funded)

"Project CYPRESS IV." Gary Schaffer, Murray P. Pendarvis, Willie Ennis III, and Ernest Simineaux. Louisiana Systemic Grant October 1996. (\$179,000) (Funded)

"Initiating Multimedia Capabilities in the Department of Biological Sciences." Murray Paton Pendarvis, Donald H. Hayes, Danny Acosta, and Debbie Dardis. Faculty Technology Grant. Fall 1997. (\$2000) (Funded).

"The Nature of Mathematics: Real World Applications of Abstract Ideas." Barbara Allen, Murray P. Pendarvis, Deborah Dardis, Becky Muhler. Louisiana Systemic Grant October 1997. (\$150,000) (Funded)

"Project CYPRESS V." Gary Schaffer, Murray P. Pendarvis, Willie Ennis III, and Ernest Simineaux. Louisiana Systemic Grant October 1997. (\$179,000) (Funded)

"Project CYPRESS VI." Gary Schaffer, Murray P. Pendarvis, Willie Ennis III, and Ernest Simineaux. Louisiana Systemic Grant October 1998. (\$179,000) (Funded)

"Developing a Multimedia Bunker for Teaching Biology." Murray P. Pendarvis. SLU internal grant. (\$5000) (Funded)

"Project CYPRESS VIII." Gary Schaffer, Murray P. Pendarvis, Willie Ennis III, and Ernest Simineaux. Louisiana Systemic Grant October 1999. (\$179,000) (Funded)

"Distance Learning in the Biological Sciences." Murray P. Pendarvis and Debbie Dardis. SLU internal grant. (\$12,000)

"Digital Photography in the Biological Sciences" Murray P. Pendarvis SLU internal grant. (\$10,000)

### **Presentations and Inservice Workshop Presentations:**

Louisiana Swamp Exhibit: Charley's, Springfield, Louisiana June 2012.  
Galapagos Photographic Show: Ponchatoula Chocolate and Vine May, 2012.  
Galapagos a Photographic Expedition: Southeastern Louisiana University April, 2012.  
Evolution: Countering Intelligent Design: Livingston Parish Teachers. July 2011.  
Biophotography Tangipahoa Parish Science Teachers, August 2010.  
Biophotography Tangipahoa Parish Science Teachers, August 2009.  
Biophotography Livingston Parish Science Teachers, August 2007.  
Articulated Biology Livingston Parish Science Teachers, August 2007.  
Digital Photography Livingston Parish Education Seminar Series, July 2007.  
Developing an Introductory Biology Textbook Clemson University, April, 2006.  
Pendarvis Digital Image Library. National Association of Biology Teachers. Milwaukee, Wisconsin. October 2005.  
Pendarvis Image Library SLU. October 2005.  
Digital Images and the Teacher. Tangipahoa Parish School Board. September 2005  
Digital Images and the Teacher. SLU. March 2005  
Confessions of a Rookie Author SLU. January 2005  
I Love my Mac Our Lady of the Lake College. January 2005.  
Digital Photography and the Lake. Our Lady of the Lake College May 2004.  
Digital Photography for Teachers. Orleans Parish School Board. April 2004.  
Choosing a Digital Camera for Educators. Livingston Parish School Board. April 2004  
Photography and Science Fairs Albany High School. January 2004.  
Biophotography and Kids. Livingston Parish School Board. March 2003  
Enthusiasm is Contagious. Tangipahoa Parish School Board. March 2003  
Digital Photography in the Classroom. Livingston Parish School Board. March 2002.  
Instructivism. Livingston Parish School Board. November, 2000.  
Digital Photography in the Classroom. Livingston Parish School Board. March 2000.  
It's All About Time. Louisiana Science Teachers Association, Baton Rouge, Louisiana. October 1999.

Instructivism. Doyle High School. March, 1999.

Science Fair Fun. John Curtis High School. January 1999.

Putting Fun Back in Science Fairs. Louisiana Science Teachers Association, Shreveport, Louisiana. October 1998.

Bringing the History of Biology to Life. Louisiana Science Teachers Association, Shreveport, Louisiana. October 1998.

9th Graders, Lumens and the TI -82, Can They All Work Together? Louisiana Science Teachers Association, Shreveport, Louisiana. October 1998.

Biology Bob and Friends, Using Frogs in the Science Classroom. National Science Teachers Association, New Orleans, Louisiana. April 14, 1997.

Biology Bob and Friends. Florida Association of Science Teachers, Key West, Florida, October 1996.

Biophotography. Livingston Parish School Board. March, 1997. Science Fairs Livingston Parish School Board. January, 1996.

Computer Generated Concept Maps. Louisiana Science Teachers Association. New Orleans, Louisiana. December 9, 1995.

Employing Innovative Technologies in Instructional Technology to Facilitate Higher Order Learning. Professional Organizational and Development Conference. Boston, Mass. October 24-29, 1995.

"Azalea Madness: Propagating and Developing Azalea Hybrids." Airport Nursery and Garden Center/Hammond Garden Club Celebration. May 22, 1995.

"Visual Imaging in the Biology Department." SELU Department of Visual Arts Seminar. April 1995.

"Honors Zoology at SELU" Seminar SELU Honors Program. March 1995.

"Azaleas" Local Cable TV channel 17 production. March 1995.

"Global Wildlife Center." Murray P. Pendarvis and Michaelyn Broussard. Teletec International Teachers Conference. Feb. 1995.

"A Multimedia Tour Of Global Wildlife Center" Murray P. Pendarvis and Michaelyn Broussard. Louisiana Technology in Education Conference, SLU, April 29-30, 1994.

- "Multimedia in Wildlife Preserves" Murray P. Pendarvis and Michaelyn Broussard. Teletec International Teachers Conference. Feb. 18, 1994.

"Developing an Interactive Multimedia Program for use in Local Wildlife Centers," Murray P. Pendarvis and Michaelyn Broussard. Louisiana Academy of Sciences. Feb. 5, 1994.

"Making Science Fun." Albany Middle School teachers inservice. October 3, 1994.

"Multimedia in the Classroom" Livingston Parish School Board, August 15, 1994.

"CYPRESS" Livingston Parish School Board, August 11, 1994.

"Project Learning Tree. Southeastern Louisiana University. April 1994.

" Project CYPRESS," Schaffer and Pendarvis, National Science Foundation International Science Teachers Conference. Proposed Summer 1993, Mexico City, Mexico. (Paper accepted unable to attend)

" Penny Lane Azaleas," Louisiana Azalea Society. March 1993.

"Science Fair Protocol" Livingston Parish School Board, January 1993.

" Developing a Quicktime Video to Supplement a Introductory Zoology Laboratory Course" Louisiana Association of Computer Using Educators. Oct. 31, 1992.

" Project CYPRESS," Gary Schaffer and M.P. Pendarvis, Louisiana Science Teachers Association. Oct. 24,1992.

"The Mac and the Facts of Life: A Teacher's Guide to the Use of the Macintosh in the Biology Classroom" Louisiana State University Technology in Education Conference. April 1992.

"Project Learning Tree. Livingston Parish School Board. Aug. 1992.

"Biophotography II" Livingston Parish School Board, November 1991.

"Biophotography," Livingston Parish School Board, August 1991.

"Project Learning Tree. Livingston Parish School Board. Aug. 1991.

"The Macintosh in the Science Classroom," Tangipahoa Parish Science Teachers, March 1991.

"Multiple Discipline Computer Approach to an Upward Bound Summer Program," Donald Hayes, Richard Louth, and Pat Pendarvis. Louisiana Association of Computer Using Educators. Oct. 1991.

"Computers in the Middle School Science Classroom," Livingston Parish School Board, August 1991.

"The Role of the SERC Coordinator in the High School," Louisiana Public Broadcasting, May 1991.

"Multimedia Applications in the Science Classroom," La. Multimedia Consortium, April 1991.

"Project Learning Tree. Livingston Parish School Board. Sept. 1991.

"Project Learning Tree.LSU Education Department.Sept. 1991.

"A History of Photography," St. Mary Parish Schools, April,1991.

"Project Learning Tree.St. Tammany Parish Teachers. April 1991.

"Justification of Satellite Education in Rural School Systems," Board of Elementary and Secondary Education. Baton Rouge, La. Dec. 1990.

"Science Fair 1990," Doyle School System, Livingston, La. Dec. 1990.

"The Computer in the Science Classroom," Tangipahoa Parish Science Teachers, SLU Dec.1990.

"Innovative Computing," Livingston Parish School Board, October 1990.

"I'm Teaching Japanese?," Louisiana Public Broadcasting , April,1990.

"Project Macteam,"Apple Computer, New Orleans, Louisiana, 1990.

"Macteam Year One," Livingston Parish School Board, Livingston , La. 1990.

"Science Fair in the Elementary School," Doyle Elementary School, November 1990.

"Classroom Mac," Doyle High School, November 1990.

"Project Learning Tree. Livingston Parish School Board. Aug. 1990.

"Process Skills In the Classroom," Livingston Parish Science Teachers, Livingston, LA. 1990.

"Elementary Mac, " Doyle Elementary School, Livingston Louisiana,1990.

"AIDS in the Schools," Livingston Parish Science Teachers, Denham Springs, LA. 1989.

"Elementary Science Made Cheap," Doyle Elementary School, Livingston, LA. 1989.

"The Modern Biology Teacher." Biology Department, SLU Summer 1989.

"Developing Positive Scientific Attitudes," Livingston Parish Science Teachers, Livingston, La.1989.

"Project Learning Tree," many presentations throughout the Florida Parishes 1988-present.

"The Mac in the Biology Classroom," Biology Department Faculty, SLU 1988.

"The Presidential Experience," Livingston Parish Science Teachers, Livingston, Louisiana, 1988.

"Fun with Science," Seventh Ward Elementary Faculty, Walker, LA. 1988.

"Project Learning Tree. Livingston Parish School Board. Oct. 1988.

"Quality Science Education through Incorporating the Three Aspects of Science," Louisiana Academy of Sciences, Hammond, Louisiana, 1987.

"The MacIntosh: A Teacher's Best Friend," Doyle High School Faculty, Livingston, Louisiana, 1987.

"Safety in Science," Livingston Parish Science Teachers, Livingston, Louisiana, 1987.

"Science Fairs," Doyle School System Science Teachers, Livingston, Louisiana, 1987.

"Towards a Quality Advanced Biology Program," Louisiana State Department of Education, Baton Rouge, Louisiana, 1987.

"Bringing Science to Life," Livingston Parish Science Teachers, Livingston, LA. 1987

"A Synopsis of IDEA," Doyle High School Faculty, Livingston, Louisiana, 1987.

"Me and My Mac," Hattiesburg Science Teachers, Hattiesburg, Mississippi, 1986.

"Photography as an Aid to Teachers," Faculty Presentation, University of Southern Mississippi, Hattiesburg, Mississippi, 1986.

"Bringing Science to Life," St. Tammany Science Teachers, Hammond, LA. 1986.

"Process Skills in Action," Mississippi Elementary Science Teachers' Workshop, Hattiesburg, MS. 1986.

"Using the MacIntosh in the Science Classroom," Mississippi Science Teachers' Workshop, Biloxi, MS. 1986.

"The Doctoral Experience," Southeastern Louisiana University, Dr. Tom Tedder's Graduate Class and Livingston Parish School Board, 1986.

"Teaching Experimenting to Mississippi Teachers (TEMPT): An Analysis," Mississippi Science Teachers Association, Jackson, Mississippi, 1986.

"Sci-Fair 1985," Mississippi Science Teachers Association, Jackson, Mississippi, 1985.

"An Educator's Guide to Photography," Mississippi High School Teachers' Science Workshop, Hattiesburg, MS. 1985.

"Teaching Experimenting to Mississippi Teachers (TEMPT)," Junior High School Teachers' Workshop, Hattiesburg, MS. 1985.

"Sci-fair," Junior and Senior High School Teachers' Workshop, Hattiesburg, MS. 1985

"Photography in the Biology Classroom," Science Education Faculty Workshop, University of Southern Mississippi, 1985.

"Indians of the Florida Parishes," Southeastern Chapter of Phi Delta Kappa, Southeastern Louisiana University, 1981.

"An Educator's Guide to Photography," Professional Improvement Program Workshop, Livingston Parish Teachers Association, 1980-82.

"Carbon Budget and Community Structure of a Fresh and Brackish Water Ecosystem, Presented to Southeastern Louisiana University Faculty, Hammond, Louisiana, 1976.

### **Audio Visual and Computer Productions:**

"The Galapagos: In Darwin's Footsteps" Multimedia Presentation.  
"The Manchac Swamp" Multimedia Presentation.  
"Photographing Utah" Multimedia Presentation.  
"Yellowstone" Multimedia Presentation.  
"A Science Trip to Washington D.C." Multimedia Presentation.  
"Walkin Round Louisiana" Multimedia Presentation.  
Junk Multimedia Presentation.  
"A Key to the Animals of The Global Wildlife Center" Multimedia production.  
"Mactransparencies for Biology Teachers."  
"The Poisonous Snakes of Louisiana." Hypercard Key.  
"Save the World," 35mm slide presentation.  
"Teaching Science," 35mm slide presentation.  
"Sci-Fair, 1985," VHS Video, University of Southern Mississippi, Hattiesburg, MS  
"In Defense of Darwin," 35 mm slide presentation.  
"The Life of Charles Darwin," 35 mm slide presentation.  
"Pen's Guide to the Universe - It's Just a Fantasy," 35 mm slide presentation.  
"The Indians of the Florida Parishes," with Barry Ferguson. 35 mm slide presentation.  
"Common Plants and Animals of the Florida Parishes," 35 mm slide presentation.  
"The Feliciana Parishes," with Barry Ferguson. 35 mm slide presentation.  
"A History of Biology," 35 mm slide presentation.  
"Pen's Collection of 6,000 Science Slides," 35 mm slide presentation."  
"A History of the Beatles," 35 mm slide presentation.  
"Famous Faces in Biology," 35 mm slide presentation.  
"So this is Science Teaching," 35 mm slide presentation.  
"Behavior of Hermit Crabs," Hypercard Stack  
"Azalea Propagation," Hypercard Stack

### **Professional Organizations:**

Florida Association of Science Educators  
Computer Multimedia and Internet Consortium  
Professional and Organizational Development Network in Higher Education  
Association of Southeastern Biologists  
National Science Teachers Association  
National Association of Biology Teachers  
Mississippi Marine Education Association  
Mississippi Academy of Sciences  
Sigma Phi Omicron Science Fairs of Mississippi  
Livingston Parish Teachers Association  
Louisiana Science Teachers Association  
National Education Association  
Phi Delta Kappa  
Kappa Delta Pi  
Reserve Officers' Association

Alumni Presidential Awards for Science Teaching  
Louisiana Academy of Sciences  
National Council of Mathematics Teachers  
Louisiana Association of Computer Using Educators  
Louisiana Multimedia Consortium

**Extracurricular Activities:**

Legacy Organ Transplant Foundation  
Cystic Fibrosis Foundation Volunteer  
Global Wildlife Center Volunteer  
Explorer Post Advisor (Global Troop)  
Softball Coach Albany Youth Association  
Baseball Coach Albany Youth Association  
Basketball Coach Albany Youth Association  
American Azalea Society  
Louisiana Azalea Society  
National Wildlife Federation  
Louisiana Florida Parishes Cystic Fibrosis Family Support Group Reporter  
Apple Computer Club  
Lake Rover's Scuba Diving Club  
Smithsonian Institution Member  
Cystic Fibrosis Sportathon Assistant Coordinator  
Macintosh of Mississippi Support Group  
Cystic Fibrosis Parent's Group Member  
Member Cystic Fibrosis Foundation  
Hammond State School Photography Volunteer  
Special Olympics Volunteer  
Volunteer Computer Consultant Louisiana Special Olympics