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Curriculum Vitae

Personal Information

Name: Jackson Frederick Lee, Jr. (Jeff)
Home Address: 2859 Middlecoff Lane
Florence, SC 29506
Telephone 803-665-4314
Business Address: School of Education
Francis Marion University
Box 100547
Florence, SC 29501
Telephone 803-661-1465
Date of Birth: November 7, 1942
Marital Status: Married to Sandra S. Lee (Sandy)
Children: Erin Lee Brackbill – Pediatrician, Greenville, SC
Michael Jackson Lee – Colonel USAF Reserves, Lockheed-Martin

Current Position

Associate Dean, School of Education, Francis Marion University, 2004 - present
Philip N. Truluck, Professor of Public Policy: Education, Francis Marion University, 1993
- present

Professional Education

Francis Marion University, Florence, South Carolina, graduate courses in Research and Learning, 1977-1978
Duke University, Durham, North Carolina, 1968-1972, Ed. D. in Curriculum and Instruction, received May 1972
Duke University, Durham, North Carolina, 1966-1968, M.A.T. in Biology, received September 1968
National Science Foundation Summer Institutes, Duke University, Durham, North Carolina, 1966-1968
Duke University, Durham, North Carolina, 1961-1965, A.B. received August 1965.

Professional Experiences

Associate Dean of the School of Education and Phillip N. Truluck Professor of Public Policy (Education) at FMU, 2004-present
Director, Coordinator, Coastal – Pee Dee Regional Math and Science Center, 2003 - 2004
Assistant State Director of the Coastal Rural Systemic Initiative, 1999-2002,
Director, Pee Dee Math/Science Hub, 1993-2003
Facilitator for Curriculum Leadership Institutes, 1993-1997
Certified Facilitator for Leader 1-2-3 (A leadership development program developed and administrated through the National Association of Secondary School Principals, 1995
Director, Francis Marion University/South Carolina Department of Education Elementary Science Leadership Program, 1986-1992
Professor of Education, Francis Marion University, Florence, South Carolina, September 1986 to present.
Associate Professor of Education, Francis Marion University, Florence, South Carolina, September 1978 to September 1986
Florence Public School District One, Florence South Carolina, 1978-1983. Position: Director of Professional Development Center (half-time position).
Assistant Professor of Education, Francis Marion University, Florence, South Carolina, September 1972 to September 1978.

North Carolina Museum of Life and Science, Durham, North Carolina, 1971-1972.
Position: Education Supervisor.
Piedmont Technical Institute, Roxboro, North Carolina, Spring, 1971. Position:
Research Assistant.
North Carolina Advancement School, Winston-Salem, North Carolina, 1970-1971,
Position: Research Associate.
John Umstead Hospital, Butner, North Carolina, Summer, 1969. Position: Activities
Director for Adolescent Unit.
Durham City Schools, Durham, North Carolina, 1965-1970. Position: Science Teacher
(life, earth, and physical sciences), Brogden Junior High School.

Professional Affiliations

Association for Supervision and Curriculum Development
College and University Science and Mathematics Educators (Founder and Immediate
Past President)
Kappa Delta Pi
National Middle School Association
National Science Teachers Association
National Staff Development Council
Phi Delta Kappa
South Carolina Association of Professors of Middle Level Education (regional
representative)
South Carolina Science Council
South Carolina Educators for the Practical Use of Research (Founding Board of
Directors)

Publications: Books

Conservation of Energy, Science unit for 6th grade (includes Teachers Guide, Student
Guide and Materials Kit), with Jerry H. Martin, published by Santee-Cooper,
2009.
"The SCSSI Curriculum Leadership Institute," Summer 2001, published by SCSSI with
Francis Collins.
Consultant author for science content, Scott Foresman Reading 2002, 2000-2001.
Electricity and Magnetism, contributing writer for this elementary school textbook in
Macmillan/McGraw-Hill Science, 1993.
Electrical Energy, contributing writer for this elementary school textbook in
Macmillan/McGraw-Hill Science, 1993.
Member of the National Editorial Advisory Board of the development of
Macmillan/McGraw-Hill Publishing Company's kindergarten through eighth
grade science textbooks series, February 1991.
American Education and the Dynamics of Choice, with J. R. Rinehart, Praeger Publishing
Co., April 1991.
Providing For Individual Differences in Student Learning: A Mastery Learning Approach,
with K. Wayne Pruitt, Springfield, Illinois, Charles C. Thomas, 1984.

Publications: Journal Articles

"The Optimum Level of Ignorance: An Application of Marginal Analysis," The Educational
Forum, Winter 1988, (also printed in Educational Digest, May 1988).
"You Can't Strengthen Teaching By Weakening Teachers," Kappa Delta Pi Record,
Spring 1987, with K. Wayne Pruitt.
"Marianne, Mastery and the Middle School," Middle School Journal, November, 1984,
with K. Wayne Pruitt.
"Staff Development: An Individualized Developmental Model," Kappa Delta Pi Record,
Winter 1983, with K. Wayne Pruitt.
"Mastery Learning in the Traditional Classroom," Outcomes, Winter 1983, with K. Wayne

- Pruitt.
- “Can Schools Attract and Retain Quality Teachers?” Educational Forum, November 1979 (with K. W. Pruitt).
- “Homework Assignments: Classroom Games or Teaching Tools?” Clearing House, September 1979 (with K. W. Pruitt).
- “High School Teaching: A Humiliating Profession?” Clearing House, June 1978 (with K. W. Pruitt).
- “Hidden Handcuffs in Teacher Education”, Journal of Teacher Education, September-October 1978 (with K. W. Pruitt).
- “Flying Stoppers: An Inquiry Lesson”, Science Activities, July-August 1977.
- “Inside the Looking Glass: A View of Contemporary Education”, Kappa Delta Pi Record, December 1972.
- Co-author, publishing status unknown, Comparison of Spine and Scale Development in the Tree Ferns (Cytheaceae).

Other Productions and Publications

- Training Manual “Invitations to Science Excellence: A Handbook of Challenges and Ideas for Teacher Leaders” with Jerry H. Martin, 2008.
- Teaching and Testing our Science Basic Skills. Co-Project Director of a consortium which developed a series of video taped presentations and printed model units for South Carolina teachers demonstrating how to teach elementary science, 1989 to 1991.
- “Classroom Survival Skills I: Starting off on the Right Foot,” Video produced by Creative Educational Services, 1987.
- “Classroom Survival Skills II: Winning the Testing Game,” Video produced by Creative Educational Services, 1987.
- The Junk Box Approach to Process Skills. An instructional guide prepared for the Mount Pleasant/Francis Marion College Teacher Corps Project, Spring 1982.
- Improving Student Learning Through Mastery Learning: A Staff Development Approach. A training manual prepared with K. W. Pruitt for the Mount Pleasant/Francis Marion College Teacher Corps Project, Spring 1982.
- Collaborated in the preparation of North Carolina State Master Plan for Environmental Education, 1971-1972.
- Collaborated in preparation of Environmental Studies for North Carolina Teachers, 1972.

Major Course Materials (workbooks and supplementary materials)

- Essential Teaching Techniques, (with K.W. Pruitt), 1991
- Teaching Science Through Inquiry, 1991.
- Foundations of Curriculum and Instruction, (with M. Pace), 1990.
- Improving Instructional Effectiveness, 1986.
- Selected Teaching Methods, (with K.W. Pruitt), 1983, revised 1991.
- Student Guide and Exercises for Classroom Measurement, 1981.
- A Simplified Guide to Writing Formal Papers, (with K.W. Pruitt), 1977.
- Writing an Effective Learning Package, 1977
- Writing Instructional Objectives, (with K.W. Pruitt), 1976.
- Teaching for Concept Attainment, 1976
- Identification and Control of Experimental Variables, 1976

Selected Papers and Presentations

- Presenter, “Science Methods in a Clinical Setting”, 34th Annual Conference of the South Carolina Science Council, November 5, 2010.

Presentations for the FMU Center of Excellence Institutes (Using the Learning Cycle to Teach for Children of Poverty), June 2008 and February 2009.

Member of the Resource Team for planning and facilitating the SC LASER Strategic Planning Institute, June 9-14, 2002.

Co presenter, "Inquiry in Science Methods Courses" with Dr. Greg Kinsley, Rhode Island College at National LASER Teacher Preparation Strategic Planning Institute for Improving the Teaching of K-8 Science, January 27, 2001.

Panel member (3 member panel) on the "Nielsen Report," SCETV, aired live, October 1, 1997

Presentation, "Essential Teaching Methods," Regional Cosmetology conference for Cosmetology Instructors, Columbia, SC, October 1997.

Co presenter of "The South Carolina Statewide Systemic Initiative", presentation to the SC Association of School Administrators, Myrtle Beach, SC, July 17, 1996

Co presenter of the SC Science Framework to the SC State School Board's Curriculum and Instruction Materials Committee, October 8, 1996.

Statewide Systemic Initiative – Presentation to the SC Association of School Administrators, Myrtle Beach, SC, July 17, 1996.

A State of Change: The South Carolina Systemic Initiative, National Science Teachers Association annual national convention, St. Louis, Mo., March 30, 1996

Progress in the South Carolina Statewide Systemic Initiative, Mid-point review presentation to the National Science Foundation, Washington, D.C., January 22, 1996.

Current Trends in Science and Math Education Reform, Francis Marion University Science/Mathematics Colloquium, September 21, 1995.

Policies on Grading and Homework," a paper presented with Dr. K. W. Pruitt at the Elementary and Middle School Principals' Winter Conference, Charleston, S.C., January 26, 1992.

Bouncing and Bending Light: An Introduction to Optics," presentation for the South Carolina Junior Academy of Science, February 9, 1991.

Presentations and training in the BSAP science skills and objectives for Carolina Power and Light courses on Energy and Education, 1989-1991.

"ECE Mastery Learning: A Low-Risk Approach for High-Risk Students," paper presented at the First National Conference on America's At-Risk Youth, Charleston, SC January 31, 1989.

The FMC Elementary Science Leadership Program" paper presented at the 1988 National Science Teachers' Area Convention, Charleston, SC, December 8, 1989.

Paper presented to the Francis Marion College Atheneum Society, "Some Conflicts Limiting Educational Reform," September 1983.

Position statement presented at the Basic Skills Assessment Program – Teacher Education Conference, Columbia, South Carolina, April 1981.

"The Junkbox Approach to Process Skills," paper presented at the South Carolina Science Council Convention, Columbia, South Carolina, October 1981.

"Schools for the 80's: Outmoded or Remodeled," address for the Greater Florence Chamber of Commerce, Florence, South Carolina, October 1981.

"Teacher Effectiveness Training," presented for the South Carolina Independent School Association, Florence, South Carolina, November 1979 (with K. W. Pruitt).

"TV and Its Effects on Children," presentation made to the Pee Dee Mental Health Association, Florence, South Carolina, September 1977.

Professional Consultantships

- Co-facilitator (with Dr. Derek Jokisch) South Carolina Quality Control Network for Middle School Science, 2004-2008.
- Representative for institutions of higher education to the South Carolina coalition for mathematics and Science (SCCMS) advisory board, 2004-2008.
- Advisory Board member, Neighborhood Education Watch: Creating Parent Advocates and leaders, 1999-2000.
- Advisory Board member, Quality Education for Minorities, 1998-2000.
- Facilitator for College and University Science and Mathematics Educators Curriculum Leadership Institute, USC Aiken, March 6-9, 1996
- State Advisory Board, South Carolina Center for Excellence in the Assessment of Student Learning, 1992-1993.
- Advisor, Southside Middle School Associate Schools project, 1991-1992.
- Led science curriculum development process in Marlboro County Schools, 1986-1989.
- Test item writer for the South Carolina basic skills test for science, Summer 1986, Summer 1987.
- Served as a consultant to Goochland Co. (Va.) public schools in implementation of ECE mastery learning, 1983-1987.
- Served as consultant to Project SHARE (Consortium Serving Low-incidence Handicapped Students), 1979-1980
- Served as a consultant to the North Carolina State Department of Public Instruction, Science Education Division, Raleigh, North Carolina, 1971. (Position: Part-time consultant for Environmental Education).
- Served as a consultant to public and private schools in South Carolina and Virginia.

Honors and Grants Received

- Named FMU Board of Trustees Research Scholar for 2005, extended to present
- Received a \$5,000 grant from ECA Educational Services to support science education, 9/16/04
- Appointed to the National Advisory Board for Leadership and Assistance for Science Education Reform (LASER) Initiative grant from the National Science Foundation, 1997-2001.
- Received grant from the American Physical Society to attend (with a team from the Pee Dee) the Southeastern Educational Leadership Institute at Clemson University, April 26-30, 1997
- Submitted and was awarded a \$42,000 grant (Dwight D. Eisenhower Mathematics and Science Education Act) to prepare a regional K-8 Science Curriculum Guide, 1995.
- Named Philip N. Truluck, Professor of Public Policy: Education, Francis Marion University, 1992 - present
- Submitted and was awarded a \$5,500 grant (South Carolina Department of Education) to provide an Algebra with Calculator and Manipulative Enhancement course. 1995.
- Finalist, Governor's Professor of the Year Award, 1992.
- Named Francis Marion University Distinguished Professor, 1992.
- Grant from the S.C. Commission on Higher Education and the State Department of Education (funding from the Dwight D. Eisenhower Mathematics and Science Education Act) for the Elementary Science Leadership Program for 1987-1992.
- Co-Project Director, Consortium to Develop the BSAP Teaching and Testing the Science Basic Skills document, 1998-1991.
- Included in Who's Who in American Education, 1988, 1989.

Business and Industrial Training Experiences

- Presented a one day seminar for 250 state wide cosmetology educators, "Elements of Effective Instruction, October, 1993
- Trained shift supervisors in how to provide on the job training to new employees, Yarn

Industries, Lake City, S.C., Fall 1987.
Trained cosmetologists in how to train other cosmetologists, Betty Stevens Beauty Institute, Spring 1985, Spring 1986, Fall 1992.

Extraneous Professional Activities:

Higher Education Representative to the Advisory Board of the South Carolina Coalition for Mathematics and Science.
Advisor to ECA Educational Services, Detroit, MI., 2007-2008
Member, grant award committee for the SC CHE for a Center of Excellence grant in middle level mathematics and science. Spring 2008
Serving on the ScienceSouth planning committee, 1998-1999.
Served on a state subcommittee exploring the feasibility of pursuing a multi-state Rural Systemic Initiative grant from the National Science Foundation, 1996-1998
Member, South Carolina Science Review Committee, 1996-present.
Served on the state subcommittee pursuing a multi-state Rural Systemic Initiative grant from the National Science Foundation, 1996-1998.
President, South Carolina College and University Science and Mathematics Educators, 1993-1996.
Board of Directors, S.C. Middle/Elementary Academy of Science, 1992-1993.
Member of the board of directors of the South Carolina Middle/Elementary Academy of Science, 1992.
Participant in the South Carolina Universities Research and Education Foundation (SCUREF) workshop to determine the directions for mathematics and science education in South Carolina, August 5-8, 1991.
Planned and administered the second annual conference of the South Carolina Educators for The Practical Use of Research, 198-1989.
Member, ASCD National Polling Panel, 1986-1987.
Member, State Selection Committee for Elementary Science Textbooks, Fall 1987.
Member, Science Committee of the Basic Skills Assessment Program (South Carolina BSAP), 1984-1988.
Member, Visiting Committee for evaluation of teacher education program of Morris College for South Carolina Department of Education, April 1984.
Elected Chairman of the School Board for All Saints Episcopal Day School, 1983-1984.
Workshops presented for Schools, School districts and other groups, 1972 to present.
Served on Pee Dee Staff Development Consortium Steering Committee, 1980 to 1983.
Developed District Homework Policy for Florence District One, 1982-1983.
Developed and assisted in implementing a plan for Middle School Education in Florence School District One, 1980-1983.
Prepared Certificate Renewal Plan for Florence District One, 1981-1982.
Member, visiting committee for evaluation of the teacher education program of Benedict College for the State Department of Education, April 1977.
Member, Personnel Recognition Committee, South Carolina ASCD, 1977-1978.
Member, visiting committee for evaluation of the teacher education program of Erskin College for the South Carolina Department of Education, October, 1974.

Courses Taught at the University Level:

Capstone sequence courses (graduate final project preparation and presentation)
Physical Science for Teachers
Psychological Foundation of Instruction
Science Methods for District Leaders
Secondary Methods and Materials
Elementary Methods and Materials
Testing and Measurement
Principles and Philosophy of Education.
Methods of Instruction in Secondary Science
Instructional Strategies

Science in the Elementary School
Problems in Science Teaching
Middle School Curriculum and Instruction
Energy, Economics and the Environment

Campus Service and Leadership:

Chair, School of Education, Graduate Committee, 2004-2008.
Member, Academic Affairs Committee, 2004-present.
Member, Quality Enhancement Plan concept and implementation committees, 2006-2008.
Member, Teacher Education Advisory Committee, 2004-2008.
Member, School of Education Assessment Committee, 2003-2005.
Member, Distinguished Professor Selection Subcommittee, 1993-2008.
Member, Academic Council, Francis Marion University, 1990-1993.
Member, Honors Committee, Francis Marion University, 1992-1993.
Member, Honorary Doctorate Committee, Francis Marion University, 1990-1993.
Chairman, School of Education committee to develop an alternative master's degree/teacher certification program, 1990.
Chairman, School of Education NASDTEC self study, 1988-1989.
Chairman, Mediation Committee, Francis Marion University, 1981 to 1983 (Member, 1980-1981).
Chairman, Professional Development Steering Committee, Francis Marion University, 1978 to 1983.
Member, Education Advisory Committee, Francis Marion University, 1980 to 1984.
Advisor to Students in the Performance Based Masters Degree option, Francis Marion University, 1979-1980.
Chairman, Education Department Committee for Developing Middle and High School Teacher Preparation Programs, Francis Marion University, 1980-1981.
Member, Dean's Advisory Committee for Selecting Head of Education Department, Francis Marion University, 1979-1980.
Chairman, Faculty Welfare Committee, Francis Marion University, 1976-1978 (Member, 1974-1978).