

**Curriculum Vitae**  
**Marion Ray McKinnie**

**Office Address:**

107-F B. C. Webb Hall  
North Carolina A&T State University  
1601 East Market Street  
Greensboro, North Carolina 27411  
336-285-4785

**Home Address:**

203 Valentine Court  
Greensboro, NC 27405  
336-375-0916

**Personal Information:**

Birthdate: June 19, 1954  
Height: 6'2"  
Marital Status: Married  
Health: Excellent

Birthplace: Wayne County (N. C.)  
Child: 3

**Career Objective:**

To be actively engaged in the leadership and development of highly effective Extension/Outreach programs, which positively impact the lives of individuals and families.

**Higher Education:**

**Ph.D.** - August, 1982 - May, 1987  
Institution: North Carolina State University  
Location: Raleigh, North Carolina  
Major: Animal Science  
Major Area of Study: Reproductive Physiology  
Minor Area of Study: Nutrition  
Dissertation: Reproduction in gilts actively immunized against androstenedione.

**M.S.** - September 1976 - December 1978  
Institution: The Ohio State University  
Location: Columbus, Ohio  
Major: Animal Science  
Major Area of Study: Reproductive Physiology  
Thesis: A study of induced ovulation and pregnancy in prepubertal gilts.

**B.S.** - August 1973 - May 1976  
Institution: North Carolina A&T State University  
Location: Greensboro, North Carolina  
Major: Animal Science

**Work Experience:**

September 2013 – present: Associate Dean – Special Initiatives and Facilities, School of Agriculture and Environmental Sciences, North Carolina A&T State University, Greensboro, North Carolina.

June 2013 – September 2013: Associate Dean and Associate Administrator for Extension, School of Agriculture and Environmental Sciences, North Carolina A&T State University, Greensboro, North Carolina.

March 2002 – June 2013: Administrator and Associate Dean for Extension, School of Agriculture and Environmental Sciences, North Carolina A&T State University, Greensboro, North Carolina.

August 2001 – February 2002: Interim Associate Dean and Associate Administrator for Extension and Interim Director – Complex for Agricultural Research and Extension Development (CARED – University Farm), School of Agriculture and Environmental Sciences, North Carolina A&T State University, Greensboro, North Carolina.

October 1999 – July 2001: Interim Associate Dean and Associate Director for Agricultural Research and Interim Director – Complex for Agricultural Research and Extension Development (CARED – University Farm), School of Agriculture and Environmental and Allied Sciences, North Carolina A&T State University, Greensboro, North Carolina.

March 1999 – October 1999: Interim Assistant Dean and Coordinator: 1890 Facilities - Small Farm Center and Interim Director - Complex for Agricultural Research and Extension Development (CARED - University Farm), School of Agriculture, North Carolina A&T State University, Greensboro, North Carolina.

November 1995 - Present: Adjunct Assistant Professor, Department of Animal Science, North Carolina A&T State University, Greensboro, North Carolina.

August 1995 - March 1999: Interim Administrative Assistant to the Dean - Facilities and Outreach Centers, Interim Director - Complex for Agricultural Research and Extension Development (CARED - University Farm) and Extension/Research Animal Science Specialist, School of Agriculture and North Carolina Cooperative Extension Program, North Carolina A&T State University, Greensboro, North Carolina.

April 1994 - August 1995: Interim Administrative Assistant to the Dean - Facilities and Outreach Centers and Extension/Research Animal Science Specialist, School of Agriculture and North Carolina Cooperative Extension Program, North Carolina A&T State University, Greensboro, North Carolina.

March 1987 - April 1994: Extension/Research Animal Science Specialist, North Carolina Agricultural/Cooperative Extension Program and Agricultural Research Program, North Carolina A&T State University, Greensboro, North Carolina.

August 1982 - 1986: Graduate Research Assistant, Department of Animal Science, North Carolina State University, Raleigh, North Carolina.

January 1980 - August 1982: Extension Animal Science Specialist, North Carolina Agricultural Extension Program, North Carolina A&T State University, Greensboro, North Carolina.

February 1979 - December 1979: Assistant Agricultural Extension Agent, North Carolina Agricultural Extension Service, North Carolina State University, Raleigh, North Carolina.

March 1978 - December 1978: Graduate Teaching Associate, Department of Animal Science, The Ohio State University, Columbus, Ohio.

September 1976 - August 1977: Graduate Fellow - Minority Fellowship, The Ohio State University, Columbus, Ohio.

August 1975 - December 1975: Research Assistant, Department of Animal Science, North Carolina A&T State University, Greensboro, North Carolina.

Summers 1973, 1974 and 1975: Employee: Family farm and David A. Peele Poultry Farm, Pikeville, North Carolina.

**Extension Experience:**

Associate Dean and Extension Administrator: North Carolina Cooperative Extension Program, North Carolina A&T State University, Greensboro, North Carolina.

Program Emphasis: Program Administration and Management

Target Audience: University Administration, Elected Officials, USDA-NIFA, Agribusiness Industries, Agricultural professionals, paraprofessionals and small/limited-resource clientele.

Responsibilities:

- Provide overall leadership and guidance for fiscal, programmatic and human resources functions/activities of the Cooperative Extension Program, inclusive of annual plan of work reports, budgets and budget reports, personnel actions, program evaluations and personnel performance evaluations, etc.
- Develop and evaluate both state and federal extension plans of work relative to extension programs and program opportunities.

Extension/Research Animal Science Specialist: North Carolina Cooperative Extension Program, North Carolina A&T State University, Greensboro, North Carolina.

Program Emphasis: Small Farm Livestock Production and Management

Target Audience: Agricultural professionals, paraprofessionals and small/limited-resource farmers.

Responsibilities:

- Develop educational programs and appropriate support materials.
- Conduct in-service training for agricultural paraprofessionals on small farm livestock production.
- Conduct county meetings for small farmers on animal nutrition, reproduction, housing and management.

Meetings and Workshops:

- Impact Assessment Workshop, NC Agricultural Extension Service, McKimmon Center, NC State University, May 1, 1981 and June 1, 1981.
- 1890 Extension Facilities Workshop, Atlanta, Georgia, May 9-10, 1988.
- Southern Region USDA/ES Accountability and Evaluation Workshop,

Blacksburg, Virginia, April 5-6, 1989.

- II North American Rabbit Congress, Springfield, Missouri, October 27-29, 1989.
- "Setting the Pace in a Time of Change," Association of Extension Administrators, 1890 Extension System-wide Conference, Atlanta, Georgia, May 21-25, 1990.
- International Extension Training Program, Group VII, Michigan State University, East Lansing, MI, November 1989-March 1991.
- Panelist: "Ways To Grow" -- Alternatives for Small Farmers, National Satellite Videoconference, NC Cooperative Extension Program, October 8, 1991.
- Regional Small Farm Conference and Trade Show, Florida A&M University, Tallahassee, Florida, November 5-8, 1991.
- Professional Agricultural Workers Conference, Tuskegee University, Tuskegee, Alabama, December 1991, 1992, 2002, 2003, 2006 and 2008.
- Delmarva Meat Goat Conference, University of Maryland-Eastern Shore Princess Anne, Maryland, December 18, 1993.
- Small Farm Family Program Conference, Lincoln University, Jefferson City, Missouri, November 28-30, 1995.
- Program Consultant: "Taught Master's Programme in Agriculture and Rural Development," University of Fort Hare, Alice, Republic of Ciskei, South Africa, July 1992 and 1996.
- National Small Farm Conference, Nashville, Tennessee, September 10-13, 1996.
- "Linking Individual Leadership to Organizational and Societal Change." Seminar IV, Class V, National Extension Leadership Development Program (NELD), Sao Paulo, Brasilia, Salvador, Manaus, Rio de Janeiro, Brazil; November 3-16, 1996.
- Moderator: "Livestock Farmers and Ranchers: Needs and Opportunities," Building on a Decade of Sustainable Agriculture Research and Education - USDA Sustainable Agriculture Research and Education (SARE) Program, 1988-1998, Austin, Texas, March 5-7, 1998.
- "Setting the Pace in a Time of Change: The Next Millennium," Association of Extension Administrators, 1890 Extension System-wide Conference, Atlanta, Georgia, June 21-25, 1998.

- Moderator: “Risk Management for Small Farmers,” Mid-Atlantic Risk Management Education Conference, Williamsburg, Virginia, August 6-7, 1998.
- “Thriving During Periods of Change: Helping Farms, Families and Communities in Transition”, A Southern Regional Workshop on Change Management, Nashville, Tennessee, March 9-11, 1999.
- Second National Small Farm Conference, Regal Riverfront Hotel, St. Louis, Missouri, October 12-15, 1999.
- National Meeting of Black Farmers & Agriculturists Association, The Franklinton Center at Bricks, Enfield, NC, June 12, 1999.
- National Black Farmers Conference, Richmond Marriott Hotel, Richmond, Virginia, August 23-25, 2000.
- Third National Small Farm Conference, Albuquerque Convention Center, Albuquerque, New Mexico, September 17-20, 2002.
- “1890 Extension: Engagement for the 21<sup>st</sup> Century,” Association of Extension Administrators, 1890 Cooperative Extension System-wide Conference, Atlanta, Ga., June 22-26, 2003.
- Second National Risk Management Conference, October 6-9, 2003, San Diego, CA.
- CSREES Administrative Officers Conference; April '01 - '09.
- National Extension Directors and Administrators (NEDA) Conference; February 2002 – 2013.
- National Association of State Universities and Land-Grant Colleges (NASULGC) / Association of Public and Land-Grant Universities (APLU) Annual Meeting, November 1999 – 2013.
- Association of Southern Regional Extension Directors (ASRED) and Association of Extension Administrators (AEA) Joint Fall Meeting; August/September 2001 – 2012.
- “Partnering to Secure the Future: 1890 Research and Extension,” Association of Extension Administrators (AEA) and Association of Research Directors (ARD) Joint Conference, New Orleans, Louisiana, June 19-22, 2005.
- National Diversity Conference, Greensboro, NC and Seattle, WA; April 24-29, 2005 and April 22-27, 200, respectively.

- Fourth National Small Farm Conference, Sheraton Hotel and Convention Center, Greensboro, NC, October 16-19, 2005
- "The 1890 Land Grant System: Addressing Universal Issues through Science and Engagement," Association of Extension Administrators (AEA) and Association of Research Directors (ARD) Land-Grant Conference, Memphis, TN, June 8-11, 2008.
- Fifth National Small Farm Conference, Prairie Capitol Convention Center, Springfield, IL, September 15-17, 2009.
- National Agricultural Research, Extension, Education and Economics Advisory Board Meeting, USDA-South Building, Washington, DC, October 29, 2009.
- "Connectivity: Community to the Capitol", Public Issues/Leadership Development Conference, Key Bridge Marriott, Arlington, Virginia, April 25-28, 2010.
- National Goat Conference, Florida A&M University, Leon County Civic Center, Tallahassee, FL, September 12-15, 2010.
- National Outcomes and Indicators Workshop, National Institute of Food and Agriculture (NIFA), New Orleans, LA, February 22-24, 2011.
- Public Issues/Leadership Development Conference, Westin Hotel, Alexandria, Virginia, April 2011 and 2012.
- National Extension and Research Administrative Officers' Conference, Morgantown, WV, May 20-23, 2012 and Marriott New Orleans, New Orleans, LA, May 8, 2013.
- Sixth National Small Farm Conference, Memphis Convention Center, Memphis, TN, September 18-20, 2012.
- Second National Goat Conference, Sheraton Greensboro at Four Seasons/Joseph S. Koury Convention Center, Greensboro, NC, September 15-18, 2013.
- AEA Professional Development Academy, Atlanta, GA, October 21, 2013.

#### Committees:

- Southern Regional "SARE" Technical Review Committee, January 1991, '92, '93, February '97, '98 and '99.
- Chair, Awards Committee, R. E. Jones Program Award, North Carolina Cooperative Extension Program, North Carolina A&T State University, Greensboro, North Carolina. 1991-96.

- Chair, Alternative Income Opportunities Initiative, 1992-95 State Plan of Work, North Carolina Cooperative Extension Service, North Carolina State University, Raleigh, North Carolina, 1992-95.
- Search Committee, Northwest and Southwest District Directors, North Carolina Cooperative Extension Service, North Carolina State University, Raleigh, North Carolina, 1993.
- Personnel and Organizational Development Committee: Extension Committee on Organization and Policy (ECOP), November 1994 - 96.
- Selection Committee, Annual Award for Diversity, CSREES-Extension Committee on Organization and Policy & Subcommittee on Extension Diversity, USDA, Washington, D.C., 1995, '96, '97, '98, '99.
- Focus Team Member, Integrated Animal Products Systems, National Research Initiative Team, CSREES-USDA, Washington, D.C., 1997
- Extension Liability Taskforce, North Carolina Cooperative Extension Service, North Carolina State University, Raleigh, North Carolina, 1997-98.
- Strategic Planning Committee and Writing Team, Association of Extension Administrators, 1890 Extension System-wide Conference, 1997-98.
- Management Committee, Sustainable Agriculture Network, National Agricultural Library, Beltsville, Maryland, 1997-99.
- Board of Directors, Tobacco Reinvestment Fund, Rural Advancement Foundation International - USA, Pittsboro, North Carolina, 1997-99.
- Board of Directors, North Carolina Association of Cooperative Extension Specialist, North Carolina Cooperative Extension Service, Raleigh, North Carolina, 1997-99.
- Field Representative, Small Farms Implementation Team, Policy Goals 1 and 5, National Commission on Small Farms, USDA, 1998.
- Association of 1890 Extension Administrators' (AEA) Representative, Advisory Council, National Extension Leadership Development (NELD) Program, 1999-2005.
- Panel Member, Farm Efficiency and Profitability (Program Area: 15), Initiative for Future Agriculture and Food Systems (IFAFS), CSREES – USDA, Washington, DC, 2001
- Chair, Advisory Council (2002) and Selection Committee for NELD Interns (2001). National Extension Leadership Development Program (NELD).

- Conference Co-Chair (Program Committee), Association of Extension Administrators, 1890 Cooperative Extension System-wide Conference, Atlanta, Ga., June 22-26, 2003.
- Unified Leadership Program Planning Committee; NELD/ECOP, ESCOP and ACOP, November 2003-2005.
- Administrative Council, Southern Region – Sustainable Agriculture Research and Education, University of Georgia, Griffin, Ga., 2003-2012 and Chair, Professional Development Program Committee 2006-20012.
- Secretary, Association of Extension Administrators, 1890 Cooperative Extension System, November 2003-2004.
- Chair-Elect, Association of Extension Administrators, 1890 Cooperative Extension System, November 2004-2006.
- Program Planning Committee, “Partnering to Secure the Future: 1890 Research and Extension,” Association of Extension Administrators (AEA) and Association of Research Directors (ARD) Joint Conference, New Orleans, Louisiana, June 19-22, 2005.
- 1890 Region Representative, Extension Committee on Organization and Policy (ECOP), National Association of State Universities and Land-grant Colleges (NASULGC). November 2005-2007and 2007-2012.
- ECOP Representative, Board of Directors, Leadership Development for the 21<sup>st</sup> Century (LEAD-21): Linking Research, Academics and Extension. November 2005-2009.
- Chair, Association of Extension Administrators, 1890 Cooperative Extension System, November 2006-2008.
- Co-Chair, Cooperative Extension System Priorities Taskforce, Extension Committee on Organization and Policy (ECOP), National Association of State Universities and Land-grant Colleges (NASULGC). 2007.
- Chair-Elect, Extension Committee on Organization and Policy (ECOP), Association of Public and Land-Grant Universities (APLU), November 2008-2009.
- Chair – ECOP Staffing Transition Taskforce, (January – November 2009) and Chair – ECOP Leadership Advisory Committee Meeting, Charlotte, NC, May 18-20, 2009.

- 1890 Region Representative, Policy Board of Directors, Board on Agriculture Assembly, Association of Public and Land-Grant Universities, November 2008-2009.
- Chair, Extension Committee on Organization and Policy (ECOP), Association of Public and Land-Grant Universities (APLU). November 2009-2010.
- 1890 Region Representative - Budget and Legislative Committee, Extension Committee on Organization and Policy (ECOP) and 1890 Region Representative (Extension) – Budget and Advocacy (BAC) Committee, Board on Agriculture Assembly, Association of Public and Land-Grant Universities, November 2010-2013.
- Past Chair, Extension Committee on Organization and Policy (ECOP), Association of Public and Land-Grant Universities (APLU). November 2010-2011.

Assistant Agricultural Extension Agent: North Carolina Agricultural Extension Service, Raleigh, North Carolina (eleven months).

Location: Wayne County (Goldsboro, North Carolina).

Commodity Areas: Livestock, Poultry and Forages.

Responsibilities:

- Assisted in the development of county's extension plan of work for livestock, poultry and forages.
- Planned and conducted farmer meetings on various topics of concern in the three commodity areas.
- Assisted local youth with 4-H livestock and poultry projects.
- Provide farmer assistance in the planning and construction of livestock facilities.

**Research Experience:**

Interest: The effects of nutrition, environment and management upon puberty, ovarian function and reproductive efficiency in swine.

Skills/Techniques:

- Radioimmunoassay of luteinizing hormone, follicle stimulating hormone, progesterone and estradiol.
- Iodination of FSH and LH.
- Immunization against protein and steroid compounds.
- Determination of antibody titers and cross reactivities.
- Surgical and non-surgical cannulation of blood vessels.
- Experimental surgery - laparotomies and ovariectomies.

Research Responsibilities:

North Carolina A&T State University

- Conduct research on the management and efficiency of outdoor semi-confinement swine production.
- Development of technologies and resource information for use with small, part-time and limited resource farmers in North Carolina and the Southeast.

**Meetings, Workshops and Committees:**

- Association of 1890 Research Directors' Biennial Symposium, 1990, '92, '94, '97, '2000, '03, '06, '09 and '11.
- Annual Meeting, Southern Section of American Society Animal Science, 1988, '89, '90, '91, '95, '97, '99, '2000, '01, '02.
- Tertiary Education Linkage Project (TELP) Planning Workshop, Universities of the North, Zululand and Fort Hare and North Carolina A&T State University; Foundation for Research Development (FDR), Pretoria, South Africa, August 1996.
- Keynote Speaker, Fourth Annual Pork Producers Field Day, Alcorn State University - Center for Excellence for Swine Production and Marketing, Church Hill, Mississippi, June 21, 1997
- Ad Hoc Reviewer, Theriogenology - An International Journal of Animal Reproduction, Published by Elsevier Science Inc., 655 Avenue of the Americas, New York, NY 10010. July, 1997 - 2001.
- Species Chair (Rabbits), 1998 Joint Meeting of ADSA/ASAS, Denver, Colorado, July 27-31, 1998.
- Chair, Minority Issues Committee, Joint Committee of the Southern Section of American Society of Animal Science and the Southern Branch of the American Dairy Science Association. 2000 and 2003
- Committee Member: "Animal Physiology and Endocrinology Award" (2001, '02) and "Women and Minority Issues in Animal Agriculture" (2000-2003), American Society of Animal Science.
- Chair, Women and Minority Issues in Animal Agriculture Committee, 2005 ASAS/ADSA/CSAS Joint Meetings, Cincinnati, Ohio, July 24-28, 2005.

**Teaching Experience:**

- Teaching Assistant in Beef Production 402 under Dr. G. R. Wilson (Ohio State) for two quarters and Dr. R. W. Harvey (NC State) for one semester.
- Teaching Assistant in Swine Production 403 under Dr. K. L. Esbenshade (NC State) for one semester.
- Teaching Assistant in Breeding Farm Animals 063, Ag Institute Course, under Professor R. M. Myers (NC State) for one semester.
- Teaching Assistant in Reproductive Physiology 401, undergraduate level, under Dr. J. H. Britt (NC State) for one semester.

- Teaching Assistant in Horse Science 410 under Dr. J. C. Cornwell (NC State) for one semester.

- Instructor: Laboratory Animal Science 461 (Physiology) at North Carolina A&T State University (Spring 1987 and 1989).

- Guest lecturer in Introduction to Animal Science at North Carolina A&T State University.

**University Service:**

- Masters of Science Degree Planning Committee, Department of Animal Science, North Carolina A&T State University, Greensboro, North Carolina, 1990-94.

- Chair, Library Resources Subcommittee, Masters of Science Degree Planning Committee, Department of Animal Science, North Carolina A&T State University, Greensboro, North Carolina, 1991-92.

- Selection Committee, Sports Hall of Fame, North Carolina A&T State University, Greensboro, North Carolina, 1995, 1998, 2000 and 2001.

- Chancellor's Advisory Committee for Athletics and former Board-In-Control of Intercollegiate Athletics, North Carolina A&T State University, Greensboro, North Carolina, 1996-2005.

- Institutional Animal Care and Use Committee (Animal Health and Welfare), North Carolina A&T State University, Greensboro, North Carolina, 1997-2010.

- Southern Association of Colleges and Schools (SACS) Committee on Intercollegiate Athletics, North Carolina A&T State University, Greensboro, North Carolina, 1998-2000.

- State-Matching Funds Committee, School of Agriculture and Environmental and Allied Sciences, North Carolina A&T State University, Greensboro, NC, 1998 – 2001.

- Institutional Review Board (Rights and Welfare of Human Subjects), North Carolina A&T State University, Greensboro, North Carolina, 2000-01.

- Academic Integrity Committee, NCAA Athletic Self-Study and Peer Review, Department of Intercollegiate Athletics, North Carolina A&T State University, Greensboro, North Carolina, 2001-2002.

- Chair, Committee for NCAA Compliance, Intercollegiate Athletics, North Carolina A&T State University, Greensboro, North Carolina, 2005.

- Faculty Athletic Representative (FAR) to NCAA and Mid-Eastern Athletic Conference (MEAC), North Carolina A&T State University, Greensboro, North Carolina, 2005-2012. MEAC Basketball Tournament Committee, 2008-2010.

- Chair, Chancellor's Advisory Committee for Athletics, North Carolina A&T State University, Greensboro, North Carolina, 2006-2009.

- Chair, Chancellor's Council on Intercollegiate Athletics (CCIA), North Carolina A&T State University, Greensboro, North Carolina, 2009-2012.

- Certification Liaison (Cycle 3), Chancellor's Council on Intercollegiate Athletics (CCIA), North Carolina A&T State University, 2012-2013.

**Professional and Civic Affiliations:**

- American Society of Animal Science
- Gamma Sigma Delta
- Epsilon Sigma Phi
- Phi Kappa Phi
- Alpha Phi Alpha Fraternity, Inc.
- School of Agriculture and Environmental Science Alumni Society, North Carolina A&T State University

**Activities and Awards:**

- Special Recognition Award "For your exemplary service, leadership and vision as Co-Chairperson of the host institution, North Carolina Agricultural and Technical State University, for the 2013 National Goat Conference", The National GOAT Consortium: An Initiative of the 1890 Land-Grant System, Second National Goat Conference, Greensboro, NC, September 17, 2013.

- Outstanding Leadership Award, "In appreciation of Outstanding Leadership to the Cooperative Extension System as Past Chair and Member of the Extension Committee on Organization and Policy, Association of Public and Land-Grant Universities, APLU Annual Meeting, San Francisco, CA, November 14, 2011.

- Outstanding Leadership Award, "In recognition of your service (2009) on the Policy Board of Directors, Board on Agricultural Assembly, of the Association of Public and Land-Grant Universities (APLU)", APLU Annual Meeting, Washington, D.C., November 16, 2009.

- Certificate of Honor, "For Demonstrating Superior Leadership in the FSLI Program", Food Systems Leadership Institute, North Carolina State University, The Ohio State University, and University of Vermont, Association of Public and Land-Grant Universities (APLU) Annual Meeting, Washington, D.C., November 15, 2009.

- Visiting Scholar, Michigan State University – College of Agriculture and Natural Resources (CANR), May 27 – June 2, 2008, October 12-19, 2008 and April 19-24, 2009.

- Certificate of Appreciation, "For Outstanding Leadership in Support of the Small Farmer Agricultural Leadership Training Institute", Classes I and II, United States Department of Agriculture, Washington, D.C., March 22, 2007 and March 27, 2009.

- Fellow, FSLI Cohort 3, Food Systems Leadership Institute, North Carolina State University, The Ohio State University, and University of Vermont, October 2007-November 2009.
- Certification of Completion, Crucial Conversations Mastery Course, Crucial Conversations: Tools for talking when stakes are high, Personal and Organizational Development (POD) Training Session, North Carolina Cooperative Extension Service, North Carolina State University, August 5, 2005.
- Certificate of Appreciation, Classes VIII and IX, National Extension Leadership Development Program, Tennessee State University, Nashville, TN, June 10, 2005.
- Certificate of Appreciation, Agricultural Legal Issues Training Conference, Southern University and A&M College System, Agricultural Research and Extension Center, Baton Rouge, LA, January 27, 2005.
- Visiting Faculty Multicultural Scholar, College of Food, Agricultural and Environmental Sciences, The Ohio State University, Columbus, Ohio, May 3-5, 2004.
- 1890 Administrator Award, Association of Extension Administrators, 1890 Cooperative Extension System-wide Conference, Atlanta, Georgia, June 22-26, 2003.
- Charter Member, SAES Alumni Society, School of Agriculture and Environmental Sciences, North Carolina A&T State University, Greensboro, North Carolina, October 2, 2002.
- Achievement Award, Association of Extension Administrators, 1890 Extension System-wide Conference, Atlanta, Georgia, June 23, 1998.
- Second Place, Scientist Competitive Poster (Animal Science), Eleventh Biennial Research Symposium, San Antonio, Texas, October 1-4, 1997.
- Intern, NELD Class V, National Extension Leadership Development Program, The Ohio State University, Columbus, Ohio, September 1995 - August 1997.
- Graduate and Certificate of Achievement (CQI Trainer and Facilitator Training), Leadership for Quality: An Advanced Leadership Institute, North Carolina Cooperative Extension Service, May 2, 1995.
- Graduate and Certificate of Achievement, Leadership Development Institute for Extension Specialist, North Carolina Cooperative Extension Service, April 7, 1993.
- Award of Excellence in Extension, Gamma Sigma Delta - The Honor Society of Agriculture, North Carolina A&T State University, March 26, 1992.
- Success Stories Award Recipient, 49th and 50th Professional Agricultural Workers Conference, Tuskegee University, Tuskegee, Alabama, December 1991 and 1992.

- President and Vice President (President-Elect), Gamma Sigma Delta - The Honor Society of Agriculture, North Carolina A&T State University, April 1991 -1993 and April 1988-1991, respectively.

- Graduate Dean's African-American Academic Achievement Award, Fourth Annual ACAAGS Awards Banquet, April 17, 1986.

- Top African-American Graduate Student, North Carolina State University, School of Agriculture and Life Sciences, Fourth Annual ACAAGS Awards Banquet, April 17, 1986.

- Research Assistant, North Carolina State University, 1982-1986.

- Outstanding Young Men of America, 1985.

- Chairman, Planning Committee, Annual African-American Graduate Students Awards Banquet and Master of Ceremonies in 1985.

- Chairman, Annual Educational Forum, Association for the Concerns of African-American Graduate Students (ACAAGS) at North Carolina State University, 1985.

- Vice President, Association for the Concerns of African-American Graduate Students, North Carolina State University, 1984-1985.

- Gamma Sigma Delta - The Honor Society of Agriculture, North Carolina A&T State University, 1982.

- Officer and active member of the Black Graduate and Professional Student Caucus, The Ohio State University, 1976-1978.

- New Graduate Student of the Year 1976-1977, Black Graduate and Professional Student Caucus, The Ohio State University.

- Graduate Teaching Associate, Department of Animal Science, The Ohio State University, 1978.

- Graduate Fellow - Minority Fellowship, The Ohio State University, 1976-1977.

### **Undergraduate**

- Cum Laude graduate, 1976.

- Accepted into School of Veterinary Medicine at Tuskegee Institute, Tuskegee, Alabama 1976.

- Recipient of Ralston Purina Scholarship, 1975.

- Member of University Senate as Student Representative, 1974-1975.

- President, Animal Science Club, 1974-1975.

- Recipient of Kraftco Foods, Inc. sponsored trip to Food Science and Technology Meetings in Chicago, Illinois, 1974.
- Sophomore Animal Science Student of the Year, 1974.

**Hobbies:**

Basketball, Hunting, Reading, Music and Auto Racing.

**Grants Secured:**

During my professional career, I have secured or helped to secure funds to support extension and research activities conducted by me or the Cooperative Extension and Agricultural Research Programs. The following is a list of secured grants.

- Z. Smith Reynolds Foundation, Inc., Winston Salem, NC. 1988. "Developing Alternative Agricultural Enterprises for Small and Part-Time Farms in North Carolina." (*\$30,000.00*)

- USDA Southern Region Low-Input Agricultural Systems Research and Education Program, Athens, GA. 1988. "Planning Funds for a Proposal on Extending the Issue of Sustainable Agriculture to Small Farms in NC, TN, and VA." (*15,000.00*)

- NC Cooperative Extension Program and Agricultural Research Program (CSRS), NC A&T State University, Greensboro, NC. 1988. "Comparison of Two Breeding Systems and Their Application to Semi-Confinement Small-Scale Swine Production." (*\$328,568.00*)

- Extension Service - USDA, Washington, D.C. 1988-92. "1890 Extension Facilities Program, Section 1416, Food Security Act of 1985." (*\$2,343,368.00*)

- W. K. Kellogg Foundation, Battle Creek, MI. 1990. "Enhancing Small Farm Profitability Through Alternative Agricultural Enterprises." (*\$375,000.00*)

- Southern Rural Development Center, Mississippi State, MS. 1991. "Linking of 1890 and Tuskegee Extension and Research for Sustainable Alternative Agriculture for Small and Limited-Resource Farmers." (*\$12,000.00*)

- Extension Service/CSREES - USDA, Washington, D.C. 1992-97. "1890 Facilities Grant Program, Section 1447, Food, Agriculture, Conservation, and Trade Act of 1990." (*\$2,649,257.00*)

- North Carolina State University/Southern Region SARE/ACE Program, Raleigh, NC. 1994. "Regional Center for Sustainable Dairy Farming." (*\$13,500.00*)

- NC Cooperative Extension Program and Agricultural Research Program (CSRS), NC A&T State University, Greensboro, NC. 1995. "Effect of PGF-2 Alpha and AI on Productivity and Efficiency of Semi-confinement Swine Production." (*\$200,000.00*)

- CSREES-USDA, Washington, DC. 1997. "Enhancement of Coordination of the Partnership Among CSREES, 1862 and 1890 Institutions." (*\$75,000.00*)

- Farm Service Agency (FAS), Washington, DC. 1997. "An Assessment of the Economic Potential of Producing Greens for the Fresh and Processed Markets." (\$18,000.00)

- North Carolina Cooperative Extension Service, North Carolina State University, Raleigh, NC. 1998. "Exploring Small-Scale Farming as a Profitable Enterprise." (\$3,000.00)

- Extension Service/CSREES - USDA, Washington, D.C. 1998-2002. "1890 Facilities Grant Program, Section 1447, Food, Agriculture, Conservation, and Trade Act of 1990." (\$3,328,499.00)

- North Carolina Cooperative Extension, North Carolina State University, Raleigh, NC. 1999. "Intensive Vegetable Production Systems for Piedmont North Carolina." (\$5,375.00)

- The Golden Leaf Foundation, Rocky Mount, NC. 2001. "Enhancing Economic Opportunities of Tobacco Impacted Communities Through Alternative Agricultural Enterprises and Business Management." (\$250,000.00)

- Extension Service/CSREES - USDA, Washington, D.C. 2003-2007. "1890 Facilities Grant Program, Section 1447, Food, Agriculture, Conservation, and Trade Act of 1990." (\$4,797,343.00)

- CSREES-USDA, Washington, DC. 2005. "Special Needs Assistance for the 2005 CASD/CASE National Diversity Conference." (\$9,000.00)

- Extension Service/CSREES - USDA, Washington, D.C. 2008-2012. "1890 Facilities Grant Program, Section 1447, Food, Agriculture, Conservation, and Trade Act of 1990." (\$5,908,273.00)

### **Publications:**

#### Refereed Journals and Theses

McKinnie, M. R. 1978. A study of induced ovulation and pregnancy in prepubertal gilts. M.S. Thesis. The Ohio State University, Columbus, Ohio.

McKinnie, M. R. 1987. Reproduction in gilts actively immunized against androstenedione. Ph.D. Thesis. North Carolina State University, Raleigh, North Carolina.

McKinnie, M. R., J. H. Britt and K. L. Esbenshade. 1988. Ovarian function and hormone secretion of gilts actively immunized against androstenedione. J. Anim. Sci., 66:3131-3143.

McKinnie, M. R. 1990. Commercial rabbit production: management calendar and wheel. Proceedings of II North American Rabbit Congress, J. Applied Rabbit Res., Vol. 13, Number 3-4.

McKinnie, M. R. 2002. "Livestock Enterprises: Economic Viability or Liability," Alternative Crops & Farm Income Diversification, Curing the Future: Issues and Strategies for

Remaking Tobacco-Dependent Communities in Eastern North Carolina, *The North Carolina Geographer*, Volume 10 - Special Issue (2002).

Bull, Nancy H., Lawrence S. Cote, Paul D. Warner and M. Ray McKinnie. 2004. "Is Extension Relevant for the 21<sup>st</sup> Century?" *Journal of Extension*, Volume 42, No. 6. December 2004.

Extension and Non-refereed Journals and Text

McKinnie, M. R. 1981. Low cost 10-sow feeder pig production plan. North Carolina Agricultural Extension Program, Ag Bulletin 101.

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