

Graduate Student Handbook

Doctoral Program in Agricultural Education

MISSION STATEMENT

Oklahoma State University is a modern comprehensive land-grant university that serves the state, national, and international communities by providing its students with exceptional academic experiences, by conducting scholarly research and other creative activities that advance fundamental knowledge, and by disseminating knowledge to the people of Oklahoma and throughout the world.

Since its creation in 1890, Oklahoma State University has met its land-grant mission while evolving into a comprehensive research university with statewide, national, and international responsibilities.

Through the Graduate College, Oklahoma State University offers 62 options at the doctoral level. The doctoral program in the Department of Agricultural Education, Communications, and Leadership is among them. People of all ages and circumstances pursue a doctorate to gain opportunities for career advancement, to change careers, or to improve the way they do their current jobs.

While the doctoral program in the Department of Agricultural Education, Communications, and Leadership offers a variety of options geared to the individual interests of each student, it generally provides a comprehensive knowledge of agricultural education. By refining teaching and research skills, its graduates are prepared to enter or advance in educational administration at local and state levels as well as the professorate.

Above all, the doctoral program in the Department of Agricultural Education, Communications, and Leadership is designed to prepare leaders. The faculty, staff, and students aspire to make the department the preeminent agricultural education, communications, and leadership program in the nation.

GENERAL ADMISSION REQUIREMENTS

1. Apply on line at the Graduate College website (web site: <http://www.aged.okstate.edu> and pay processing fee.
2. Send one official copy of your transcripts to the Graduate College, 202 Whitehurst Hall, Stillwater, OK 74078-1019.
3. Send the following to the department:
 - a. One-to-two page statement of purpose
 - b. Curriculum Vitae
 - c. Scores on the Graduate Record Examination (school code 6456; dept. code 3908)
 - d. Three letters of recommendation
4. See additional requirements on page 2.

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**For additional information, please contact:
Graduate Coordinator
Department of Agricultural Education, Communications & Leadership
448 Agricultural Hall
Stillwater, OK 74078
(405) 744-8036
<http://aged.okstate.edu>**

DOCTORAL DEGREE PROGRAM IN AGRICULTURAL EDUCATION

The Doctoral Program in Agricultural Education began at Oklahoma State University in 1955. The program's graduates hold a variety of positions, including faculty and administrative positions in colleges and universities, Cooperative Extension and 4-H Youth Development; supervisory and administrative positions in state departments of education and vocational education; as well as numerous positions in agribusiness, government, and related industry.

In 1997, the Oklahoma State Regents for Higher Education approved a program leading to the Ph.D. in Agricultural Education to replace the Ed.D. With the additional emphasis placed on research, it is believed that the Ph.D. program will better prepare graduates to compete and contribute in the global community. The program is designed to be tailored to the individual needs and goals of the student. There is a wide array of quality agriculture, education, administration, extension, occupational, and other course offerings from which to choose.

Admission Criteria

Admission to the program requires the following:

1. A master's degree in an appropriate field from an accredited university;
2. Official application to Oklahoma State University through the Graduate College, preferably on line at www.gradcollege.okstate.edu along with transcripts and application fee.
3. An acceptable grade point average in graduate studies (an undergraduate GPA of 2.80 and a graduate GPA of 3.0 in 24 or more hours);
4. An acceptable score on the Graduate Record Examination;
5. Three years of appropriate professional experience;
6. Recommendations from three people knowledgeable of the applicant's professional qualifications;
7. A career goal consistent with a doctoral degree in agricultural education;
8. A curriculum vitae and a statement of goals.

Program Requirements

The program requires a minimum of 60 semester hours above the master's degree. Required coursework includes 15 hours of agricultural education and leadership courses, 15 hours of specialty-area courses, 15 hours of statistics and research courses, and 15 dissertation hours. The actual courses are listed on pages 7-11. A minimum of 30 semester hours must be taken in residence at Oklahoma State University. One year (two concurrent semesters) of the last two years must be spent in continuous residence at the institution.

An advisory committee should be established early in the program. The committee can assist in planning the program of study, conducting research, and meeting the requirements of the degree. The committee consists of four faculty members, including three members of the Agricultural Education, Communications, and Leadership graduate faculty and one other graduate faculty member, usually from the specialty area. One of the graduate faculty members from the Department of Agricultural Education, Communications, and Leadership will serve as committee chair.

Summary of Procedures for Completing the Doctor of Philosophy Degree

1. Consult temporary adviser regarding enrollment in first semester of classes.
2. Select graduate committee. Four faculty members with graduate faculty membership are required, one of whom is from outside the department (usually from the area of specialty). The appointment of the committee is made by the Dean of the Graduate College after recommendation by the department.

3. Develop a Plan of Study with the major adviser.
4. Develop a dissertation research proposal with the major or thesis adviser.
5. Schedule Advisory Committee meeting and submit plan of study and dissertation research proposal for committee approval. All students must indicate on their plans of study whether or not their research will involve human subjects. **If human subjects are to be used, approval must be received from the Official of Research Compliance prior to the beginning of research.** (See Office of Research Compliance information in Graduate Rules and Regulations, p. 6.) Each student must complete a Responsible Conduct of Research training module and have the certificate of completion placed in his or her departmental file.
6. File Plan of Study prior to completion of the 28th graduate credit hour of enrollment with the Graduate College.
7. After completing a majority of coursework and receiving approval for the dissertation proposal from your doctoral advisory committee, file a letter of request with the graduate coordinator to take the comprehensive examination.
8. Take written comprehensive examination.
9. Schedule comprehensive oral examination with graduate committee. Upon completion, file Admission to Doctoral Candidacy form with the Graduate College.
10. All students must be enrolled in at least 2 credit hours during the semester in which they graduate. (A waiver of this enrollment may be granted if the student completes all requirements for the degree before class work ends during the preceding semester.)
11. Students must file a graduate clearance form (available online at <http://gradcollege.okstate.edu>) and a diploma application (available on each student's web information management page) at the beginning of the semester they graduate.
12. A hard copy (paper) draft of the dissertation must be submitted to the Graduate College by the stated deadline (see p. 10), signed by the student's adviser and containing all required parts of the final copy. The draft should be placed unbound in an envelope with the author's name and student ID on the top edge of the envelope.
13. When the dissertation draft is submitted, the candidate is offered a thesis/dissertation defense form. The dissertation defense form must be returned to the Graduate College as soon as possible after the defense. The candidate then receives access to the online dissertation submission website. The defense must be successfully completed before the final copy of the dissertation may be submitted.
14. Approximately one week after the final (electronic) copy is submitted, the candidate will be notified by email of any additional corrections which must be submitted before a student may be cleared for graduation.

(Refer to the Oklahoma State University Thesis & Dissertation Handbook for additional information online at the Graduate College home page: <http://gradcollege.okstate.edu>.)

Comprehensive Examination Procedures for Ph.D. Candidates

I. Purposes

- To encourage an in-depth review and assimilation of students' educational experiences.
- To provide an opportunity for students to demonstrate the extent to which they can integrate and synthesize their total educational experiences and apply these to the solution of problems in their fields.

II. Administration —The responsibility for development, implementation and on-going evaluation of the comprehensive examination procedures will rest with the Departmental Graduate Coordinator in cooperation with the graduate faculty members in the Department.

III. Times for the Examination

- Comprehensive examinations may be scheduled during January prior to the beginning of spring semester classes, during spring break in March, during June prior to the beginning of the eight-week summer session, during fall break in October, or at other times approved by the Graduate Coordinator and the student's committee.

- The student who fails the examination (or any part) is eligible to retake the examination (or appropriate parts) at the next scheduled time upon the recommendation of the student's advisory committee chairperson within the guidelines established by the Graduate College.

IV. *Structure of the Examination*

The written examination will consist of four sessions of three hours each, conducted during two consecutive days or four sessions of three hours each, conducted as agreed upon by the student's committee chairperson, the Graduate Coordinator, and the Department Head. Each session will consist of essay questions (usually three). The oral session will consist of two hours of questions from the student's advisory committee at a date scheduled by the student two to five weeks after the written examination.

First Session—This portion of the comprehensive examination will be designed to assess the student's knowledge in two core areas: history and philosophy of agricultural education and teaching and learning.

Second Session—This portion of the comprehensive examination will assess the extent to which the student has mastered the content in his/her area of specialization and can apply it to problems and situations. The questions will normally be prepared by the outside member of the student's advisory committee, but may involve other members of the advisory committee or faculty in the area of specialization.

Third Session—This portion of the comprehensive examination will assess how well the student has mastered research methodology and can explain how to use it to solve problems and design research.

Fourth Session—This portion of the comprehensive examination will assess the student's knowledge in other core areas: technological change, evaluation, and leadership. The student will be asked to explain how to use them in approaching problems and in planning, implementing, and evaluating agricultural education and leadership programs.

Oral Session—The oral examination will be a defense and/or clarification of the written responses to the questions in the written sessions. This will be an opportunity for the student to clarify responses. It is also an opportunity for the committee to clarify understanding of questions or responses.

V. *Evaluation Procedures*—Those preparing their responses on the computer will ask the Graduate Coordinator's assistant to print the responses at the end of each session. These responses will be kept by the department. Those using computers must ensure that the hard drive is clear of resource material for the test and that responses are saved on a clean disk. The Graduate Coordinator's assistant is responsible for getting copies of responses to each committee member along with evaluation sheets. The student is responsible for checking with committee members to set the date for the oral examination. Committee members will bring responses and evaluation sheets to the oral examination for final determination of a pass/fail decision. The student's committee members may use turniton.com to verify the origins of any ideas.

VI. *Reporting of Results*—The committee will recommend pass or fail for each of the four written sessions and the oral session. Results will be reported to the student at the conclusion of the oral session. Results will be reported to the Graduate Coordinator to be officially submitted to the Dean of the Graduate College. If one or more written sessions or the oral session is failed, a retake of the oral session will be necessary to defend the session(s) that are retaken. Also, in the event of a failure on any session, it will be the committee's responsibility to identify the condition under which another examination may be taken. The committee will identify the areas of weakness, suggest topics for further study, and specify details for the retake.

VII. *Preparation for the Examination*—The written sections of the examination are to determine the extent to which the student can *recall, synthesize, organize, and apply*, in his/her unique personal style, knowledge directly pertaining to various aspects of and issues in agricultural education. What

is sought is *prima facie* evidence that the respondent does (1) *understand* the question or problem presented, (2) *cite* appropriate sources and research, (3) *logically develop* the most important aspects of the problem or issue, and (4) *succinctly conclude* with his/her own position regardless of how this may vary from or adhere to traditionally accepted positions. Above all, students should “personalize” their responses and then defend their positions.

Evaluation of Comprehensive Examination

Examination:

Candidate Number/Name:

Evaluator: _____

	Question 1	Question 2	Question 3	Notes
To what extent did the candidate:	High Low	High Low	High Low	
1. Show that he/she understood the question or problem which was presented?	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5	
2. Cite appropriate sources and research.	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5	
3. Logically develop the most important aspects of the problem or issue?	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5	
4. Succinctly conclude with his/her own position regardless of how this may vary from or adhere to traditionally accepted positions?	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5	
Result	Pass	Pass	Pass	
	Fail	Fail	Fail	

Overall Result: Pass _____ Fail _____

Comments:

If the overall result was a fail, please give your impressions as to what the candidate could have done to improve the paper. These comments should aid the student in preparing for the next sitting:

ADDITIONAL INFORMATION

Graduate College Rules and Regulations

All graduate students are expected to read and to comply with the written regulations as printed in the general University Catalog. All matriculating students are eligible for one free catalog upon their initial enrollment in the Graduate College.

Enrollment Requirements—Graduate students must complete a minimum of six hours during each 12-month period to be continuously enrolled. Failure to maintain continuous enrollment requires reapplication and readmission to the program. Graduate students must be enrolled in at least two hours during any semester in which they are utilizing university resources. Graduate assistants must meet minimum enrollment requirements as follows: 0.50 or greater FTE—6 hours in fall or spring; 3 hours in summer; less than 0.50 FTE—9 hours in fall or spring; 3 hours in summer. All students (including those enrolling in research hours only) must be enrolled by the deadlines listed in the Schedule of Classes.

Time Limits—All requirements must be completed within the following period calculated from initial enrollment in the program which for doctoral candidates is 9 years. No course on the plan of study may be more than 10 years old at the time of graduation. Students must follow deadlines for submission of theses and for completing final exams as listed in the catalog.

Grade Point Requirements—Students whose cumulative graduate GPA falls below 3.0 are subject to being placed on Strict Academic Probation (SAP). Students on SAP may be suspended if they receive any grade below a B. To graduate, a student must have a minimum of a 3.0 GPA in all course work (excluding research and creative component hours) and also a minimum of a 3.0 GPA in research (or creative component) hours. These GPAs are calculated independently. No course in which the assigned grade is lower than a C can be placed on a plan of study.

Transfer Hours—Doctoral students must take at least 30 hours at OSU.

Plan of Study—The plan of study for a doctoral program must be filed prior to the completion of the 28th graduate credit hour of enrollment. All students must indicate on their plans of study whether or not their research will involve human subjects. **If human subjects are to be used, approval must be received from the Institutional Review Board prior to the beginning of the research.**

Office of Research Compliance—Federal regulations and Oklahoma State University policy require review and approval of all research studies that involve human subjects before investigators can begin their research. The Office of Research Compliance conducts this review to protect the rights and welfare of human subjects involved in biomedical and behavioral research. In compliance with the aforementioned policy, each graduate student doing research involving human subjects is required to complete on-line training and to submit an application for Review of Human Subjects Research to the Office of Research Compliance at 219 Cordell North, (405) 744-5700. Training and applications are available from the Office of Research Compliance home page at <http://compliance.vpr.okstate.edu/hsp.htm>.

Responsible Conduct of Research—All doctoral students must complete an on-line responsible conduct of research tutorial and examination. Instructions and a link to the RCR website are available on the Graduate College website: www.gradcollege.okstate.edu.

Graduation—Students must file a graduation clearance form with the Graduate College at the beginning of the semester of anticipated graduation along with a revised plan of study, if needed. After the Graduate College documents receipt of graduation clearance forms, students may file a diploma application with the Registrar's office. Students who fail to complete degree requirements during the anticipated semester of graduation will need to notify the appropriate University offices of these changes and of their new anticipated semester of graduation. Published deadlines for dissertations are strictly enforced. Students must submit a final electronic copy of their dissertation to the Graduate College after they receive access to an electronic submission website from the Graduate College.

Departmental Employment Opportunities

Graduate assistantships have been established at Oklahoma State University to encourage scholarship and the promotion of research. After admission by the Graduate College, a student who is

making satisfactory progress toward a graduate degree may be appointed to an assistantship. A limited number of research and teaching assistantships are available in the Department of Agricultural Education, Communications, and Leadership each year. Assistantships are usually one-quarter (.25 FTE) or one-half time (.50 FTE). According to University guidelines, all graduate assistants work 10 hours per week for a quarter-time appointment and 20 hours per week for a half-time appointment.

Graduate Research Assistantships—A graduate research assistant (RA) conducts research under the supervision of a faculty member in the department to develop not only technical and manipulative skills but also to foster originality, imagination, judgment, and patience—the traits of an independent scholar. Specific research responsibilities for an RA are determined by the supervising faculty member.

Graduate Teaching Assistantships—Graduate teaching assistants share the faculty's responsibility for undergraduate teaching. Graduate teaching assistants are assigned to a specific course and faculty member in the department.

Student Organizations

Graduate students at OSU can participate in a number of student organizations. There are many undergraduate organizations in which graduate students can become involved. Those affiliated with the Department include Collegiate Farm Bureau, Collegiate FFA, ATA, Collegiate 4-H, and Agricultural Communicators of Tomorrow. Gamma Sigma Delta, the Honor Society of Agriculture, and Phi Delta Kappa, an honorary educational society, also meet monthly at OSU.

The Oklahoma State University Graduate Student Association is composed of representatives from every graduate degree-granting department. It operates independently of the undergraduate Student Government Association and is the voice of graduate students on all issues. Its goal is to improve all aspects of graduate education. Most work is completed through a committee structure and non-representatives are encouraged to become involved. The Association sponsors travel to professional meetings, professional development seminars, and external speakers for graduate students.

The Agricultural Education, Communications, and Leadership Department also has its own Graduate Student Association. The group holds monthly business meetings, discussing upcoming events and OSU Graduate Student Association updates as well as various social and educational events throughout the year.

Course Options and Requirements

Agricultural Education, Communications & Leadership Options (*Required)

- AGCM 5100** *Issues in Agricultural Communications.* Prerequisite: Graduate standing. Discussion of issues, problems, and trends in agricultural communications. (1-3 hrs., max. 6)
- AGCM 5101** *Orientation to Graduate Programs in Agricultural Education, Communications & Leadership.* Prerequisite: Graduate standing. Orientation to graduate programs in agricultural education and communications including degree expectation, understanding scholarship, orientation to the discipline, introduction to research agendas, and identification of support systems. (1 credit hr.) (Same course as AGED 5101).
- AGCM 5103** *History & Philosophical Foundations of Agricultural Communications.* Prerequisite: Graduate standing. Discussion of the history, philosophical foundations and current issues regarding agricultural communications and the land-grant system.
- AGCM 5203** *Theory & Practice in Agricultural Communications.* Prerequisite: Graduate standing. The study of major communication theories and theorists in the context of agricultural communications.
- AGCM 5213** *Advanced Concepts in Agricultural Publishing.* Prerequisite: Graduate standing. Analysis, redesign and creation of agricultural publications. Evaluation of audience, production, advertising and editorial content.
- AGCM 5303** *Communicating Ethical Issues in Agriculture.* Prerequisite: Graduate standing. An introduction to communicating ethical theories in the context of agriculture. Ethical theory and current research are used to critique contemporary issues in agriculture.

- AGCM 5990** *Studies in Agricultural Communications.* Prerequisite: Consent of supervising professor. Individual and small group study or research in agricultural communications topics and issues.
- AGED 5101** *Orientation to Graduate Programs in Agricultural Education, Communications & Leadership.* Prerequisite: Graduate Standing. Orientation to graduate programs in agricultural education and communications including degree expectation, understanding scholarship, orientation to the discipline, introduction to research agendas, and identification of support systems. (1 credit hr.) (Same course as AGCM 5101).
- AGED 5123** *Adult Programs in Agricultural & Extension Education.* Determining adult needs, priorities, participation in educational activities, and adoption of new ideas and practices. Designing, organizing, conducting, and evaluating adult education programs in agricultural and extension education.
- AGED 5203** *Grant Seeking.* Prerequisite: Graduate standing or consent of instructor. External funding proposal development for foundation and government agencies. Conceptualizing projects, identifying funding sources, and develop proposals that follow RFP guidelines including a literature review, need for the project, approach, timeline and budget.
- AGED 5500** *Directing Programs of Supervised Experience.* Prerequisite: Consent of instructor. Determining the supervised training needs and opportunities of individual students. Planning for supervision of agricultural education training programs and 4-H club projects. Analysis of training opportunities in production agriculture, agricultural businesses, and individual career development. (1-3 hrs., max. 6)
- AGED 5823*** *Advanced Methods of Teaching Agriculture.* Advanced concepts and methods relevant for both formal and informal presentations. Effects methods may have on individuals involved in the learning experience. Demonstrations of proficiency in use of various advanced methodologies, technologies and concepts.
- AGED 5863*** *Methods of Technological Change.* Processes by which professional change agents influence the introduction, adoption, and diffusion of technological change. Applicable to persons who work closely with people in formal and non-formal educational settings.
- AGED 5990** *Problems in Agricultural & Extension Education.* Securing and analyzing data related to special problems or investigation in designated areas of agricultural education. 1-3 hrs., max. 8)
- AGED 6100** *Graduate Seminar in Agricultural Education.* Discussion of issues, problems and trends in agricultural education. (1-3 hrs., max. 6)
- AGED 6103*** *History & Philosophical Foundations of Agricultural & Extension Education.* Prerequisite: Graduate standing. History and philosophical foundations of agricultural and extension education. Philosophy and its role in life, rise of education in America, philosophical foundations of education in America, legislation having an impact on agricultural and extension education, education in agriculture, and current issues in agricultural extension education.
- AGED 6120** *Teaching Agriculture in Higher Education.* The teaching-learning matrix functioning in both undergraduate and advanced study in the field of agriculture. Discriminate review and assessment of recently developed instructional methods and trends. (1-3 hrs., max. 6)
- AGED 6223*** *Program Evaluation in Agriculture & Extension.* Prerequisite: Graduate standing. Program evaluation theory and methodology (quantitative and qualitative) presented through a service learning framework. Problem-based approach having students submit a proposal that addresses an evaluation need presented by a community-based program.
- AGLE 5303*** *Foundations of Leadership Theory.* Study of leadership theory including definitions of leadership, a history of modern leadership theory, and current trends in leadership practice and research. Models of leadership including contingency models, situational

- leadership, and transformational leadership.
- AGLE 5353** *Leadership in Agriculture.* Prerequisite: AGLE 5303 or consent of instructor. Concepts, principles and philosophies of leadership applied to agricultural contexts. Importance of traits, perceptions and behaviors to success of agricultural professionals in leadership roles. Dimensions and style of leadership for varying situations.
- AGLE 6203** *Extension Program Development.* A systematic study of the history, culture and functions of the Cooperative Extension System in America. Focus on program planning, including needs assessments, involvement of local constituent groups, use of the logic model, teaching methods, program evaluations, marketing and planning for the future.

Statistics and Research (*Required)

- AGED 5983*** *Quantitative Research Methods in Agricultural Education.* Prerequisite: Graduate standing. A comprehensive examination of quantitative research methods including identifying a problem, data collection, statistical analysis, ensuring validity and reliability, and reporting.
- AGED 5993** *Data Analysis & Interpretation in Agricultural Education.* Prerequisites: Graduate standing; 5983 or equivalent; REMS 5953 or equivalent. A course designed for Agricultural Education students, who have gathered or are gathering data for a research study, to analyze and interpret that data. Both quantitative and qualitative data analysis techniques will be studied. The discovery method will allow the students and instructor to work together to identify resources to analyze and interpret the data sets.
- AGED 6000*** *Research in Agricultural Education.* Prerequisite: Approval of major advisor. Open to students pursuing graduate study beyond the requirements for a master's degree. Independent research and thesis under the direction of a major professor. (1-16 hrs., max. 16)
- AGED 6983** *Qualitative Research Methods in Agricultural Education.* Prerequisite(s): Graduate standing, AGED 5983 or other social science research methods course. A comprehensive examination of qualitative research methods including identifying a problem, data collection, interpretative analysis, ensuring trustworthiness, theory construction and reporting.

(All courses are taken for 3 credit hours unless otherwise noted.)

Additional Research Core Options and Requirements: REMS 5953 or equivalent; STAT 5013, REMS 6003 (Analyses of Variance), or equivalent; STAT 5023, REMS 6013 (Multiple Regression Theory), or equivalent; and one qualitative research course.

Graduate Student Timeline and Planning Schedule

By following these steps, students will be able to complete their dissertation on time, and they will allow enough time to receive the full benefit of the advice of their committee and major advisor. Most of the dates referred to here are announced in advance by the Graduate College and are strictly enforced.

1. Submit preliminary draft to major advisor two weeks before final draft due date (one week during the summer session).
2. Submit final draft to advisor by final draft due date and give copies to all committee members.
3. After the final draft is submitted, the major advisor will schedule a seminar and defense date.
4. The seminar and defense should be held at least two weeks before the final electronic copy is due (one week during the summer session).
5. Submit a final electronic copy of the dissertation to the Graduate College by the due date.

Agricultural Education, Communications, and Leadership Faculty

Robert Terry, Jr., Department Head and Roger Howell Professor of Agricultural Education (Ph.D., Texas A&M University). Research Interests: Teaching and learning in agriculture and natural resources including agricultural literacy, teacher development, content design and delivery.

Marshall Baker (Ph.D., Oklahoma State University). Research Interests: Teacher education strategies, experiential learning, school leadership, and at-risk education.

Dwayne Cartmell (Ph.D., University of Missouri). Research Interests: Media evaluation, urban/rural interface, and gatekeeping strategies.

Craig Edwards, Graduate Coordinator (Ph.D., Texas A&M University). Research Interests: Time and teacher behaviors in student learning, preparation and induction of beginning agriculture teachers, the student teacher-cooperating teacher relationship, in-service education for mid- and late-career agriculture teachers, agricultural education in post-communist countries.

James Key (Ed.D., North Carolina State University). Research Interests: Water quality, evaluation, and distance education.

Jon Ramsey (Ph.D., Oklahoma State University). Research Interests: Teacher induction, professional development of agricultural educators.

Angel Riggs (Ph.D., Oklahoma State University). Research Interests: Student usage and perception of media, developing students' judgement, ethics, and news skills.

Shane Robinson (Ph.D., University of Missouri). Research Interests: Preparation of beginning agriculture teachers; recruitment and retention of secondary agriculture teachers; assessment of the employability skills and job satisfaction levels of college-wide graduates in agricultural sciences.

Jeff Sallee (Ph.D., Oklahoma State University). Research Interests: Enhancement of youth development through adult interactions; enhancement of youth development through community service activities requiring the application of science, technology, engineering, and mathematics.

Shelly Sitton (Ph.D., Oklahoma State University). Research Interests: Agricultural communications, content analysis and curriculum evaluation.

Penny Weeks (Ph.D., Texas A&M University). Research Interests: Leadership education and studies.

William Weeks (Ph.D., Texas A&M University). Research Interests: Leadership, teaching and learning.

10/24/2016