Curriculum Vitae

Clinton D. Allred

Associate Department Head of Academic Programs
Associate Professor

I. PERSONAL INFORMATION

Address: Department of Nutrition and Food Science
Texas A&M University
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College Station, TX 77843

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II. EDUCATION

2002 **University of Illinois, Urbana, IL**

Degree: PhD. in Nutritional Sciences

1997 **University of Georgia, Athens, Georgia**

Degree: B.S.A. in Animal Sciences

III. PROFESSIONAL EXPERIENCE

Texas A&M University, College Station, TX

Associate Department Head for Academic Programs:
2012-present Department of Nutrition and Food Science

Associate Professor:
2012-present Department of Nutrition and Food Science

Assistant Professor:
2006- 2012 Department of Nutrition and Food Science
2006- present Intercollegiate Faculty of Toxicology
2006- present Affiliate Member, Institute for Obesity Research and Program Evaluation
2007- present Intercollegiate Faculty of Genetics
2009- present Adjunct Faculty member of the Department of Veterinary

Integrative Biosciences

University of Kentucky, Lexington, KY

2002-2006	Postdoctoral Fellow: Department of Molecular and Biomedical Pharmacology, College of Medicine Research emphasis was in the role of PPARγ in cancers of the breast, colon, and lung.
2004-2005	Seminar Coordinator: Reproductive Sciences Forum Invited and scheduled seminar speakers.
2003-2004	Guest Lecturer: IBS 602 Biomolecules and Molecular Biology Conducted small discussion group session.

University of Illinois, Urbana, IL

1997-2002	Graduate Student: Division of Nutritional Sciences Research emphasis was in the general area of food safety and toxicology as they relate to cancer formation and growth. Specifically, my research evaluated the effects of dietary compounds on the growth of estrogen-dependent breast cancers.
	Teaching Assistant:
2001	Principles in Nutrition (FSHN 220) Developed current topics in nutrition for newly added discussion sections, coordinated other discussion leaders, and led discussion section.
1999-2000	Contemporary Nutrition (FSHN 120) Prepared and gave lectures, wrote examination questions, and interacted with students to answer questions

University of Georgia, Athens, GA

1994-97	Research Aid: Dr. Mark Froetschel; Department of Animal Sciences Studied gut signals promoting decreased feed intake
1995-97	Research Aid: Dr. Gary Hausman; Department of Food Science and Human Nutrition Studied hormonal control of fat deposition in neonatal pigs

Clinton D. Allred

Current Position:

Associate Department Head for Academic Programs, September 2012 - present
Associate Professor of Nutrition, September 2006 – present
Department of Nutrition and Food Science
Appointment: 50% Research, 50% Teaching/Administrative

Job Expectation and Effort:

Teaching/Administrative −45% Effort

1) Serve as Associate Department Head for Academic Programs and responsible for ensuring uniformity and excellence of undergraduate and graduate academic programs in Nutrition and Food Science.

2) Teaching undergraduate and graduate courses in Nutrition such as Scientific Principles of Human Nutrition (NUTR 203), Nutrition for Health and Healthcare (NUTR 222), Nutrition Through Life (NUTR 301), and others as assigned; other responsibilities include mentoring of students and providing academic guidance to enable success within the discipline. Supervision and training of undergraduate students, M.S. and Ph.D. degree candidates and/or post-doctoral appointees in the discipline of Nutrition.

Research – 45% Effort

3) Development of a nationally recognized research program that addresses high priority needs in the area of cancer prevention and treatment and the biological activities of dietary compounds that leads to expansion of critical knowledge, scholarly achievement, excellence in research, discovery of new and innovative technologies, an enhanced understanding of biological mechanisms or systems and/or creation of intellectual property; other duties include securing extramural funds to support ongoing research activities and effectively communicating the significance or impact of the research performed.

Service – 10% Effort

4) Service to the department, college, university and the general public as part of the ongoing mission of a Land Grant Institution.

IV. Administration

During the time from September 2013 – August 2014 the following activities were accomplished:

1) Provided oversight for the activities of the advising office including daily activities, event planning, and other support efforts.

2) Oversaw the final stages of the transition of the Interdisciplinary Graduate Program in Nutrition and Food Science into the department.

3) Reorganized the Advising Office staff and reassigned duties in an effort to more fully support the graduate programs.

4) Facilitated elections of the Graduate Program Committee and worked with these faculty to begin planning the future activities of the graduate programs.

5) Worked with graduate program coordinator and other appropriate staff to develop Standard Operating Procedures (SOPs) for the graduate programs in an effort to streamline these activities to better assist our students and faculty.

6) Conducted a full evaluation of teaching assignments for preparation and recommendations to the Department Head for the 2013/2014 academic year.

7) Worked with individual faculty members to begin to develop online sections of several courses taught within the department which will be offered in the next two academic years and oversaw the application of two of these courses NUTR 222 and NUTR/FTSC 300 to be considered and approved as university core courses beginning in academic year 2014/2015.

8) Prepared documentation and requested funding for academic programs in the department involving multiple university initiatives including:
    a. Action 2015
    b. Computer access competitive grant program
    c. Instructional technologies matching grant program

9) Helped prepare and submit all data reports requested by the college, university, and national organizations.

10) Participated in other organizational planning activities as assigned by the Department Head. For example:
    a. Initial planning stages of departmental move to Cater Mattil building
    b. Helped organize group of faculty to consider the recruitment of an individual for a potential “One Heath” position

V. TEACHING

Program Statement

Since arriving at Texas A&M I have been assigned the responsibility of teaching in several introductory level courses; NUTR 203 (Scientific Principles of Nutrition) and NUTR 301 (Nutrition through Life). These two courses are unique in that they provide the foundation knowledge for many of the other classes offered in the departmental curricula. As such, my overarching goals for both of these courses is to foster students interest in the discipline of nutrition while providing them a framework that challenges them to learn the material that will be critical to their success in other classes. Individual learning outcomes of the courses are listed below. However, for each of my lecture courses I have sought to develop skills in and expect that students will demonstrate competency in the following areas 1) a working knowledge of the fundamentals of nutritional science, 2) development of problem solving skills going beyond the point of simple fact identification, 3) critical evaluation of present knowledge including scientific literature, and 4) the ability to apply information learned to their everyday lives. I have structured my lectures, out of class assignments, and examinations so that students can achieve these overarching expectations. For instance, in NUTR 203 I have transitioned from using multiple-choice exams to using short answer exams, which has challenged students to better master the material. For NUTR 444 exams, I incorporate additional question formats including those that require short essay style responses. Since this course follows the first, I have seen advancements in the critical thinking skills of most students and by the time they complete NUTR 301 they are more capable of drawing individual facts together to answer questions in which they must apply the information. In addition, I use current scientific literature to conduct classroom discussions during which I call on individual students. I have recently reduced the number of articles, but required a more thorough reading of the material and students have responded with better comprehension. This is critical not only for learning the content of the articles, but because the ability to critically read and evaluate scientific literature is an expectation of our majors as they enter their senior level courses. I have also, developed the first online course offered in the Department of Nutrition and Food Science. The class entitled Nutrition for health and Healthcare has been successfully taught through multiple semesters and has received its permanent course number designation (NUTR 222) and was recently accepted as a university core science course.

In addition to the lecture courses discussed, I have conducted sections of NUTR 485/491 every semester. These are directed studies/research courses. Using these class designations, I have developed an approach that I think fosters critical thinking skills and exposes undergraduates to the rewards and challenges of conducting nutrition related research. Students who participate in the 485 designated classes are expected to conduct an in-depth literature review of a topic of their choosing and present the progress they are making weekly in a discussion format with me and the other participating students. This promotes an open discussion between the students. In the remaining hours of this class, the students participate in structured laboratory experiences during which the students receive hands-on exposure to cutting edge techniques used in modern science. Then select students from NUTR 485 progress into NUTR 491, directed research. These students are assigned to individual projects in the laboratory and participate in these projects from the point of experimental design to final data analysis. These courses challenge the students and develop critical thinking skills while relaying fundamental knowledge in nutrition and research methodology.

At the graduate level, I annually teach six lectures in VIBS 689 (Basic Concepts in Tumor Cell Biology and Carcinogenesis) and in Spring of 2011 I taught NUTR 681 (Graduate Seminar). Lecturing in the VIBS course is particularly rewarding as I am able to incorporate details of my research efforts into complex lectures. I challenge students to go well beyond what they know of basic science and to apply fundamental concepts to the disease state of cancer.

Texas A&M University, College Station, TX

Undergraduate Teaching Responsibilities

Courses	Semester	Enrollment	Rating	Dept. Rating
NUTR 202	Summer 2007	67	4.64	4.79
NUTR 203*	Spring 2007	80	4.79	4.74
	Spring 2008	80	4.89	4.80
	Spring 2009	115	4.86	4.65
	Fall 2009	85	4.84	4.65
	Spring 2010	85	4.92	4.63
	Spring 2011	86	4.88	4.68
	Spring 2012	98	4.85	4.71
	Spring 2015	96		
NUTR 222 (online course formerly NUTR 289)	Spring 2012	48	4.68	4.71
	Summer 2012	6	N/A	N/A
	Fall 2012	46	4.78	
	Spring 2013	43	N/A	
	Fall 2013	45		
	Spring 2014	60		
	Fall 2014	197		
	Spring 2015	391		
NUTR 301*	Fall 2007	83	4.90	4.80
	Fall 2008	125	4.81	4.79
	Fall 2010	90	4.88	4.6
	Fall 2011	72	4.9	4.67
	Fall 2012	86	4.88	
	Fall 2013	85		
	Fall 2014	98		
NUTR 481	Summer 2007	67	4.63	4.79
	Spring 2013	12	4.84	
NUTR 485**	Spring 2007 – Fall 2014	57	N/A	N/A
NUTR 485H	Spring 2009	1	N/A	N/A
GENE 485	Summer 2009	1	N/A	N/A
NUTR 491***	Spring 2008 – Summer 2013	23	N/A	N/A
NUTR 681	Spring 2011	16	4.59	N/A
VIBS 689	Fall 2010	17	N/A	N/A

*See appendix for complete syllabi.
** Have had students enrolled every semester (Fall, Spring, Summer) since 2007.
*** Have had students enrolled every semester (Fall, Spring, Summer) since 2008.

List of Courses Routinely Taught

NUTR 203 (Scientific Principles of Human Nutrition, Spring Semesters)

This is the first degree-specific, required course for all nutritional science majors. Students learn fundamental concepts of nutritional science. Basic principles of nutrient classification and physiological function; digestion, absorption, and metabolism of diet derived compounds; and dietary assessment and adequacy are taught. Students are also introduced to how the diet influences the onset and progression of chronic illnesses.

Learning Outcomes:

- Students will be able to describe the basic chemistry and function of macronutrients (carbohydrates, lipids, and proteins) and micronutrients (vitamins and minerals).
- Students will be able to identify nutrient structures, dietary sources, deficiencies, and toxicities.
- Students will learn the fundamental principles of nutrient digestion, absorption, and metabolism including homeostatic mechanisms of control.
- Students will develop the ability to discuss recommended dietary goals, where they come from and be able to apply these concepts to their own lives to assess dietary adequacy.
- Students will be able to describe the ability of the diet to influence health at different stages of the life cycle.

NUTR 222 (Nutrition for Health and Health Care)

This online course provides an overview of nutrition focusing on its role in disease prevention and treatment.

Learning Outcomes:

- Students will learn the functions, digestion and absorption of macro- and micro-nutrients in the body.
- Students will be able to identify nutritional and dietary factors that influence growth, development, maintenance of health, and development of chronic disease.
- Students will evaluate dietary intake, nutritional needs, and overall health of individuals.
- Students will discover what role health care providers (e.g. nurses, registered dieticians, physicians, and health educators) play in clinical nutritional therapy.

NUTR 301 (Nutrition Through Life, Fall Semesters)
(This class may be taken by students in their sophomore, junior or in some cases senior year)

Material in this course builds off of and expands on the information learned in Scientific Principles of Human Nutrition (NUTR 203). The class is required of all nutritional science majors and is generally taken in their sophomore or junior years. Students learn how nutrient requirements and functions change dependent on life stage. Topics in the course include: the influence of diet on fetal development, the physiological process and health benefits of breast feeding, nutritional requirement during early childhood and key stages of growth, and the role of the diet for health maintenance in the elderly.

Learning Outcomes:

- Students will be able to describe the basis for changing nutritional needs through the life cycle.
- Students will identify nutritional and dietary factors that influence growth, development, maintenance of health, and development of chronic disease over the life span.
- Students will read and evaluate peer-reviewed journal articles.
- Students will effectively work as a team.
- Students will evaluate dietary intake, nutritional needs, and overall health of individuals and develop appropriate recommendations, according to dietary guidance and recommendations from current research.

NUTR 681 (Nutrition Graduate Seminar)

The goal of this seminar series is to allow graduate students in nutritional sciences to broaden their knowledge in cutting edge issues in nutrition by attending seminars from established national and international investigators in the field. Students also have a unique opportunity to have face to face discourse with these investigators to learn more about their work and perhaps open opportunities for post-graduate activities. Students attend the speaker's seminar every Monday in 117 Kleberg from 11:30 to 12:20pm and meet with speakers every Monday in 126 Kleberg from 12:30 to 1:30pm. It is expected that students will (1) attend the seminars, (2) at least once host the speaker of the week during the informal meeting and seminar, (3) at least once introduce the speaker (it is alright to swap your week of duty with another student), (4) maintain an active weekly journal/blog at WebCT, and (5) write a report of the topic of the seminar if did not attend the informal meeting.

Invited Guest Lectures

NUTR 210 (Horizons in Nutrition and Food Science)

Taught by Mrs. Karen Beathard

- Conduct lectures every semester introducing students to the methodology, challenges, and benefits of nutritional research, and present related career opportunities.

VIBS 689 (Basic Concepts in Tumor Cell Biology and Carcinogenesis)

Taught by Dr. Weston Porter

- Conduct 6 lectures (~25% of course lectures) in the areas of oncogenes, tumor suppressor genes, and cancer prevention and treatment.

Cumulative Summary of Trainees:

Summary Table of Trainees	Chair	Committee Member
Masters	**1**	**2**
PhD	**3**	**1**

Clinton D. Allred

Committee Chairperson, Doctor of Philosophy (*serve as co-chair):

Number of PhD Trainees

Trainee Status	**Nutrition**	**Genetics**	**Food Science**
Currently Enrolled	1	0	0
Graduated	1	1	1
Combined Total	**2**	**1**	**1**

Fall 2011-present	Gyhye Yoo (Ph.D. in Nutrition)
Fall 2009-Spring 2013	Liyi Yang* (Ph.D. in Food Science)
Fall 2008-Fall 2013	Cameron Armstrong (Ph.D. in Nutrition)
Fall 2007-Spring 2012	Charles Weige (Ph.D. in Genetics)

Service on Doctoral Advisory Committees:

Fall 2007-Fall 2013	Hyemee Kim (Ph.D. in Nutrition)

Committee Chairperson, Master of Science:

Number of M.S. Trainees

Trainee Status	**Nutrition**	**Genetics**
Currently Enrolled	1	1
Graduated	1	0
Combined Total	**2**	**1**

Spring 2014-present	Chelsea Grams (M.S. in Genetics)
Fall 2013-present	Christina Curry (M.S. in Nutrition)
Summer 2009-2011	Autumn Billimek (M.S. in Nutrition)

Service on Masters Advisory Committees:

Fall 2009-present	Christopher Ryan (M.S. in Statistics)
Fall 2010-present	Leigh Ann Piefer (M.S. in Nutrition)
Fall 2010-present	Wesley Daniels (M.S. in Nutrition)

Sponsor, Graduate Research Rotations:

Summer 2007	Charles Weige (Ph.D. Genetics)
??	Ashley?
Fall 2013	Chelsea Grams (M.S. Genetics)

Postdoctoral Training:

2007- 2010	Yulia Karpievitch Biological mentor on CA90301 training grant

Undergraduate Training (more than 1 year training in Allred laboratory):

Current

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Olivia Moharer

Previous

Alicia Galvin (Nutrition/Dietetic)
Currently holds a Dietetic Internship at Baylor University Medical Center
Currently a graduate student in counseling at the University of North Texas
Katarina Yackley (Nutrition/Dietetic)
Completed the 2007/2008 Undergraduate Research Scholar Program
Currently a graduate student at Purdue University
Lexanne Edginton (Molecular Nutrition)
Currently attending medical school in Galveston, TX
Emily Meuth (Nutrition)
Attending graduate school at Incarnate Word in San Antonio, TX
Autumn Billimek (Nutrition/Dietetic)
Attending graduate school and dietetics internship at Texas A&M University
Nasser Yaghi
Completed the 2009/2010 Honors Research Program
Merideth Snow (Nutrition/Dietetic Major)
Completed the 2009/2010 Undergraduate Research Scholar Program
Currently attending law school at William and Mary in Virginia
Kirby Tinsley (General Nutrition Major)
Completed the 2009/2010 Undergraduate Research Scholar Program
Kari Galipp
Enrolled in the 2011/2012 Undergraduate Research Scholar Program
Carlos Chavez
Enrolled in the 2011/2012 Undergraduate Research Scholar Program
Caitlin Detke
Enrolled in 485 class in Spring of 2011. Enrolled in 491 research project in the laboratory, 2013.
Jessica Justice (Nutrition Major)
Enrolled in 491 research project in the laboratory, 2013.
2013/2014 Undergraduate Research Scholar Program
Katherine Oetken (Nutrition Major)
Enrolled in 491 research project in the laboratory, 2013.
Makenzie Berry (Nutrition Major)
Enrolled in 491 research project in the laboratory, 2013.

Other undergraduate students (at least 1 semester training in Allred laboratory):

Current

Jake Young
Bethany Smith
Charles Ryle

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Previous

Julia Petersen (Nutrition/Dietetic)
Jennifer Bradley (Molecular Nutrition)
April Garner (Molecular Nutrition)
April North (Molecular Nutrition)
Lauren Cornell (Genetics Major)
Chelsie Krenek (General Nutrition Major)
Jeffry Minard (Nutrition/Dietetic Major)
Sarah Stanley (Genetics Major)
Elizabeth Brown (Molecular Nutrition Major)
Collin Dejean (Biology Major)
Allyson Gelman (Nutrition Major)
Daniel Fordiani (Nutrition Major)
Ameena Manzoor (Nutrition Major)
Carlos Chavez (Nutrition Major)
Natie Speakman (Nutrition Major)
Daniela McConnell (Nutrition Major)
Genevieve Hartman (Genetics Major)
Lindsay Harmon (Nutrition Major)
Gina Bertoli (Nutrition Major)
Kirby Tinsley (General Nutrition Major)
Renee Andersen (Nutrition Major)
Christina Bell (Nutrition Major)
Ted Tran (Nutrition Major)
Kari Galipp (Nutrition Major)
Kaylee McMahon (Nutrition Major)
Alexandra Tipton (Nutrition Major)
Desiree Mosley (Nutrition Major)
Ashley Gonzales (Nutrition Major)
Monica O'Dell Shields (Nutrition Major)
Robert Krantz (Kinesiology Major)
Megan Adams (Nutrition Major)
Taryn Sheldon (Nutrition Major)
Alice Baker (Nutrition Major)
Emily Johnston (Nutrition Major)
Jason John (Nutrition Major)
Carly Humphrey (Nutrition Major)
Caitlin Detke (Nutrition Major)
Ilyssa Irving (Nutrition Major)
Katherine Oetken (Nutrition Major)
Hannah Hamlin (Nutrition Major)
Jessica Justice (Nutrition Major)
Kaleb Abbot (Nutrition Major)
Joshua Becker (Nutrition Major)
Taylor Dees (Nutrition Major)
Caitlin Lange (Nutrition Major)
Jessica Travis (HEED)

Makenzie Berry (Nutrition Major)
Rachel Bishop (Nutrition Major)
Kasey Mclenna (Nutrition Major)
Mary Mudd (Nutrition Major)

Teaching Enrichment Activities

- 2008 Completed teaching portfolio short course offered by the Center for Teaching Excellence
- 2007 Participated in Critical Thinking Workshop conducted by Susan K. Wolcott
- 2006-2007 Completed the Faculty Teaching Academy program offered by the Center for Teaching Excellence

Other Relevant Accomplishments

- 2008- present Serve as the faculty advisor to the Genetics Graduate Student Association
- 2007- present Written 57 formal letters of recommendation for graduate and undergraduate students including graduate/professional school, job recommendations, and scholarships
- 2008- 2009 Acted as the faculty liaison to graduate students in the Intercollegiate Faculty of Nutrition during the student organized annual IFN Research Conference

VI. RESEARCH

Program Statement

The vast majority of my efforts have focused on developing an independent research program and since starting in this position my laboratory has made significant advances in our chosen areas of study. Currently the main focus of my research has been to identify the role of estrogen and dietary phytoestrogens in the development of colon cancer. Numerous clinical studies have shown that estrogenic compounds reduce the risk of colon tumor formation however very little data has investigated the mechanism of this protection. In the short time I have been at Texas A&M, we have identified both *in vitro* and *in vivo* models that have enabled us to make key discoveries in this important area of research. Specifically, we have focused our hypotheses to the actions of estrogen and phytoestrogens on colon cells at a stage prior to tumor formation. This is critical because the vast majority of research has tested the effects of these compounds on tumor cells and has resulted in very little response. For the first time, we have shown that estrogenic compounds alter the physiology of non-malignant colon cells and that this leads to a reduced risk of developing pre-cancerous and cancerous lesions. We have used a two-tiered approach of integrating cell culture findings with those observed from animal studies. This has been a time consuming process, but has resulted in critical data that lays the ground work for experimental opportunities and questions that my research group will be able to pursue for years to come. *The first findings of this work have been published in two separate manuscripts, including one in Cancer Research, the flagship oncology journal, and three additional manuscripts in this area are currently under peer-review at scientific journals.* We recently received a four-year grant from the American Cancer Society to conduct additional studies. Eventually, this research may very well lead to the development of new drug therapy for the chemoprevention of colon cancer and contribute to science driven, dietary recommendations for the consumption of phytoestrogens to reduce risk of this disease.

In addition to these projects, my laboratory is interested in discovering novel compounds in the diet that act as estrogens in cellular systems. My research team has identified a novel compound in coffee beans that exhibits estrogenic properties. This compound is chemically unique when compared to other phytoestrogens and its discovery has generated attention from the fields of nutrition and food science. Publication of this data has been accepted to the *Journal of Nutrition*, the flag ship journal of the discipline. Additional, ongoing collaborative projects have identified estrogenic activity of compounds isolated from sorghum and data from this work is currently under peer-review for publication.

Since arriving at Texas A&M, I have identified an area of focus for my own research program and have used my previous training to establish fruitful collaborations, as I strongly advocate collaborative research and a multidisciplinary approach. To date, I have received grant funds from the American Institute for Cancer Research, American Cancer Society, International Life Sciences Institute, and recently received a high priority score which ranked in the eleventh percentile on an application submitted to the National Institutes of Health. We also had a manuscript published resulting from a collaborative project with Dr. Eric Simanek (formerly of the Chemistry Department at TAMU, now at Texas Christian University) on which I serve as a corresponding author. This work led to receiving competitive funding from Science Applications International Corporation-Frederick, a subsidiary of the National Cancer Institute at Frederick. Between the success of the primary interest of my research group and collaborative

efforts, we are well positioned to receive funding for and to conduct high impact research for years to come.

Publications and Scholarly Work

Type	Since Last Promotion	Career
Refereed/Peer-Reviewed	11	25
Editor-reviewed		
Scientific Abstracts	15	30
Chapters in Books		1
Mass Media Releases		
Patents/Applications		

Peer Reviewed Publications:

[1] indicates graduate students trained in Allred laboratory (underlined)
[2] indicates undergraduate students trained in Allred laboratory (underlined)

First author represents the primary individual responsible for completion of work and last author, unless otherwise noted, is considered the senior author.

1. Yoo, G.[1], Jayaraman, A. and **Allred, C.D.** Trigonelline and 3, 3-diindolmethane (DIM) regulate cell growth in non-malignant colonocytes via estrogen signaling. Submitted for publication in *Nutritional Biochemistry*.
2. Armstrong, C.M.[1], Allred K.F., Weeks, B.R., Chapkin, R. and **Allred, C.D.** Estradiol alters acute, TNBS-induced, colonic inflammation in wild type and estrogen receptor beta knockout mice. Submitted for publication in *Cancer Prevention Research*.
3. Billimek, A.[1] Weige, C.[1], Sturino, J., Dabney, A., and **Allred, C.D.** Estradiol and genistein alter cellular physiology in non-malignant colonocytes. Submitted for publication in *The American Journal of Physiology-Gastrointestinal and Liver Physiology*.
4. Menon, R., Watson, S.E., Thomas, L.N., **Allred, C.D.**, Dabney, A. Azcarate-Peril, M.A., and Sturino, J.M. Diet complexity and estrogen receptor β status affect the composition of the murine intestinal microbiota. *Applied Environmental Microbiology*. Sep;79(18):5763-73, 2013.
5. Armstrong, C.M.[1], Billimek, A.R.[1], Allred K.F., Sturino, J.M., Weeks, B.R., and **Allred, C.D.** A Novel Shift in Estrogen Receptor Expression Occurs as Estradiol Suppresses Inflammation-Associated Colon Tumor Formation. *Endocrine-Related Cancer* , Jun 27;20(4):515-25, 2013.
6. Yang, L.[1], Allred, K.F., Geera, B., **Allred, C.D.**, and Awika, J.M. Sorghum phenolics demonstrate estrogenic action and induce apoptosis in nonmalignant colonocytes. *Nutrition and Cancer*, Apr; 64(3):419-27, 2012. PMCID: None
7. Weige, C.C.[1], Allred, K.F., Armstrong, C.M.[1], and **Allred, C.D.** P53 mediates estradiol induced activation of apoptosis and DNA repair in non-malignant colonocytes. *The Journal of Steroid Biochemistry and Molecular Biology*. Feb; 128(3-5):113-20, 2012.

8. Armstrong, C. [1] and **Allred, C. D.** Dietary fish reduces DNA adduct formation while estradiol upregulates apoptosis in response to DNA damage in the rat colon. *Digestive Diseases and Sciences* (Impact Factor 1.838), Sep; 56(9):2585-94, 2011.
9. Weige, C.C.[1] , Allred, K.F., and **Allred, C.D.** Physiological effects of estradiol in non-malignant colonocytes. *Cancer Research* (Impact Factor 8.234), 69(23): 9118-9124. 2009. (Cited 7 times.).
10. Allred, K.F., Yackley, K. [2], Vanamala, J., and **Allred, C.D.** Trigonelline is a novel phytoestrogen in coffee beans. *Journal of Nutrition* (Impact Factor 4.534), 139(10):1833-1838. 2009. (Cited 1 time.).
11. Venditto, V.J., Allred, K.F., **Allred, C.D.***, and Simanek, E.E. Intercepting the synthesis of triazine dendrimers with nucleophilic pharmacophores: a general strategy toward drug delivery vehicles. *Chemical Communication* (Impact Factor 5.398), 5541-5542. 2009. (Cited 6 times.).

Research completed prior to current position:

12. **Allred, C.D.,** Talbert, D.R., Southard, R.C, and Kilgore, M.W. PPARγ1 as a molecular target of eicosapentaenoic acid in colon cancer (HT-29) cells. *Journal of Nutrition* (Impact Factor 4.534). 138: 250-256. 2008. (Cited 16 times.)
13. Wang, V.C., Sable, H.J.K., Ju, Y.H., **Allred, C.D.**, Helferich, W.G., Korol, D.L., and Schantz, S.L. Effects of Chronic Estradiol Treatment on Delayed Spatial Alternation and Differential Reinforcement of Low Rates of Responding. *Behavioral Neuroscience* (Impact Factor 3.097), 122: 794-804. 2008. (Cited 9 times.)
14. Wang, X., **Allred, C.D.**, Southard, R.C., Wilson, M.E., and Kilgore, M.W. MAZ drives tumor-specific expression of PPAR gamma 1 in breast cancer cells. *Breast Cancer Research and Treatment* (Impact Factor 4.536), 111: 103-111. 2008. (Cited 6 times.)
15. Talbert, D.R., **Allred, C.D.**, Zaytseva, Y.Y.,and Kilgore, M.W. Transactivation of ERα by Rosiglitazone induces proliferation in breast cancer cells. *Breast Cancer Research and Treatment* (Impact Factor 4.536), 108: 23-33. 2008. (Cited 10 times.)
16. Ju, Y.H., Allred, K.F., **Allred, C.D.**, and Helferich, W.G. Genistein stimulates growth of human breast cancer cells in a novel, postmenopausal animal model, with low plasma estradiol concentrations. *Carcinogenesis* (Impact Factor 5.119). 27: 1292-1299. 2006. (Cited 38 times.)
17. **Allred, C.D.,** Twaddle, N.C., Allred, K.F., Goeppinger, T.S., Churchwell, M.I., Ju , Y.H., Helferich, W.G., and Doerge, D.R. Soy processing affects metabolism and disposition of dietary isoflavones in ovariectomized balb/c mice. *Journal of Agriculture and Food Chemistry* (Impact Factor 3.051). 53 (22): 8542-8550. 2005. (Cited 11 times.)
18. **Allred, C.D.** and Kilgore, M.W. Selective Activation of PPARγ in Breast, Colon, and Lung Cancer Cell Lines. *Molecular and Cellular Endocrinology* (Impact Factor 3.519). 235: 21-29. 2005. (Cited 39 times.)
19. **Allred, C. D.,** Allred, K. F., Ju, Y. H., Goeppinger, T., Doerge, D. R., and Helferich, W. G. Soy processing influences growth of estrogen-dependent breast cancer

tumors. *Carcinogenesis* (Impact Factor 5.119), 25 (9): 1649-1657. 2004. (Cited 83 times.)

20. **Allred, C. D.,** Allred, K. F., Ju, Y. H., Doerge, D.R., Schantz, S., Korol, D., and Helferich, W. G. Dietary genistein results in larger MNU-induced, estrogen-dependent mammary tumors following ovariectomy of Sprague-Dawley rats. *Carcinogenesis* (Impact Factor 5.119), 25 (2): 211-218. 2004. (Cited 67 times.)
21. Yellayi, S., Naaz, A., Szewczykowski, M.A., Sato, T., Woods, J.A., Chang, J., Serge, M., **Allred, C.D.,** Helferich, W.G., and Cooke, P.S. The phytoestrogen genistein induces thymic and immune changes: a human health concern? *Proc. Natl. Acad. Sci.* (Impact Factor 10.312), 99: 7616-7621, 2002. (Cited 119 times.)
22. Ju, Y.H., Doerge, D.R., Allred, K.F., **Allred, C.D.**, and Helferich, W.G. Dietary Genistein Negates the Inhibitory Effect of Tamoxifen on Growth of Estrogen-dependent Human Breast Cancer (MCF-7). *Cancer Research* (Impact Factor 8.234), 62: 2474-2477. 2002. (Cited 127 times.)
23. Ju, Y.H., **Allred, C.D.**, Allred, K.F., Karko, K.L., Doerge, D.R., and Helferich, W.G. Physiological Concentrations of Dietary Genistein Stimulate Growth of Estrogen-dependent Human Breast Cancer (MCF-7) Tumor Implanted in Athymic Nude Mice in a Dose-dependent Manner. *Journal of Nutrition* (Impact Factor 4.534), 131: 2957-2962. 2001. (Cited 135 times.)
24. **Allred, C. D.**, Allred, K. F., Ju, Y.H., Virant, S.M., and Helferich, W. G. Soy Diets Containing Varying Amounts of Genistein Stimulate Growth of Estrogen-dependent (MCF-7) Tumors in a Dose-dependent Manner. *Cancer Research* (Impact Factor 8.234), 61: 5045-5050. 2001. (Cited 169 times.)
25. **Allred, C. D.**, Ju, Y.H., Allred, K. F., Chang, J., and Helferich, W. G. Dietary Genistin Stimulates Growth of Estrogen-Dependent Breast Cancer Similar to that Observed with Genistein. *Carcinogenesis* (Impact Factor 5.119), 22: 1667-1673. 2001. (Cited 91 times.)

*Serve as corresponding author for biological experiments.

Book Chapters and Reviews:

1. Yang, L., **Allred, C.D.**, and Awika, J.M. Emerging Evidence on the Role of Estrogenic Sorghum Flavonoids in Colon Cancer Prevention. *Cereal Foods World*, Vol. 59, No. 5, 244-251. 2014.
2. Helferich, W.G., **Allred, C.D.** and Ju, Y.H. 2000. Dietary Estrogens and Antiestrogens. In Helferich, W.G. and Winter, C.K. (eds.) Food Toxicology. CRC Press, Boca Raton.

Abstracts:

[1] indicates graduate students trained in Allred laboratory (underlined)

1. Yoo, G.[1] and Allred, C.D. Estradiol and genistein modulate cell growth of non-malignant colonocytes induced by interleukin-6. Endocrinology 2015, San Diego, CA
2. Yoo, G.[1] and Allred, C.D. Trigonelline and 3,3-diindolymethane regulate cell growth in non-malignant colonocytes via estrogen signaling. Poster presentation at Experimental Biology 2014, San Diego, CA

3. Armstrong, C.M.[1], Yoo, G.[1], Allred, K.F., Weeks, B.R., and **Allred, C.D.**. Estradiol Suppresses Acute Inflammation in the Colon: a Novel Method for Protecting Against Inflammation-associated Colon Cancer. July 2013. Gordon Research Conference on Hormone Dependent Cancers. Smithfield, RI.
4. Yoo, G.[1], Billimek, A.R.[1], Allred, K.F., and Allred, C.D. Genistein, a phytoestrogen from soybeans, and estradiol modulate cell growth in normal colonocytes and suppresses ACF formation induced by AOM and TNBS. Poster presentation at Experimental Biology 2013, Boston, MA.
5. Allred, K.F., Weige, C.C.[1], Armstrong, C.M.[1], and **Allred, C.D.** p53's role in vivo in E_2 induced suppression of colon carcinogenesis. Presented at the Congress on Steroid Research 2013 in Chicago, IL.
6. Yang, L.[1], Ojwang,L.O., Talcott, S., **Allred, C.**, and Awika, J.M. Cereal-legume synergy: Exploiting differences in polyphenolic composition of sorghum and cowpea to provide complementary health benefits. Presented at the Symposium Chemistry and Nutrition of Pulses and Minor Cereals in AACCI annual meeting Oct. 2012, Hollywood, Florida. CFW 57:A4.
7. Armstrong, C.M.[1], Billimek, A.R[1]., Weige, C.C.[1], Menon, R., Dabney, A.R., Sturino, J.M., **Allred, C.D.**. Non-malignant Colonocyte Physiology is Modified by Estradiol and Genistein. November 2011. American Institute for Cancer Research. Washington DC.
8. Armstrong, C.M.[1] and **Allred, C.D.** Estrogen action in suppressing inflammation-associated colon cancer: a tale of ERα and ERβ. October 2011. Cancer Prevention and Research Institute of Texas. Austin, TX.
9. Armstrong, C.M.[1] and **Allred, C.D.** Estrogen action in suppressing inflammation-associated colon cancer: a tale of ERα and ERβ. Presented at the Congress on Steroid Research 2011 in Chicago, IL.
10. Weige, C.C.[1] and **Allred, C.D.** Estradiol Treatment Enhances p53 Activity in non-malignant Colonocytes. Presented at the Congress on Steroid Research 2011 in Chicago, IL.
11. Billimek, A.R.[1], Weige, C.C.[1] and **Allred, C.D.** The Soy Isoflavone Genistein Alters Cell Growth in non-malignant Colonocytes. Presented at Experimental Biology 2011 in Washington D.C.
12. Armstrong, C.M.[1] and **Allred, C.D.** Dietary fish oil decreases DNA adducts in the rat colon independent of estrogen status. Presented at Experimental Biology 2010 in Anaheim, CA.
13. Weige, C.C.[1] and **Allred, C.D.** Estradiol Treatment Enhances p53 Activity in non-malignant Colonocytes. Presented at the Cancer Prevention Research Institute of Texas (CPRIT) 2010 in Austin, TX.
14. Armstrong, C. M.[1] and **Allred, C. D.** Estradiol Reduces Tumor Size and Number in an Inflammation-associated Colon Cancer Model When Administered Post Initiation Phase. Presented at the Toxicology Graduate Student Forum 2010 in Bryan, TX.
15. Weige, C. C.[1], Sturino, J. M., and **Allred, C. D.** Estrogen in the Gastrointestinal Environment: Effects of Estradiol on Non-Malignant Colonocytes. Presented at Federation of American Societies for Experimental Biology (FASEB) Summer Research Conference entitled: Gastrointestinal Tract XIII in 2009 in Snowmass Village, CO.

16. Weige, C. C.[1], Allred, K. F., and **Allred, C. D.** Estrogenic Compounds Alter Cell Growth in Non-cancerous Colonocytes. Presented at Experimental Biology 2009 in New Orleans, LA.
17. Weige, C. C.[1], Allred, K. F., and **Allred, C. D.** Physiological Effects of Estradiol in Non-Malignant Colonocytes. Presented at Frontiers of Cancer Research in 2009 in Houston, TX.
18. Weige, C. C.[1], Allred, K. F., and **Allred, C. D.** The Role of Estradiol in the Suppression of Colon Cancer. Presented at Department of Nutrition Graduate Research Symposium 2009 in College Station, TX.
19. Allred, K.F., Vanamala, J., Murano, P., and **Allred, C.D.** Identification of a Novel Phytoestrogen in Coffee Beans. Presented at the Experimental Biology Meetings in 2008 in San Diego, CA.

Research completed prior to current position:

20. **Allred, C.D.**, Talbert, D.R., Southard, R.C., and Kilgore, M.W. Defining the Molecular Actions of Eicosapentaenoic Acid in Colon Cancer: Modulation of Peroxisome Proliferator-activated Receptor Gamma. Presented at the Food, Nutrition, Physical Activity and the Prevention of Cancer: A Global Perspective: A Launch Conference in 2007 in Washington D.C.
21. Talbert, D.R., **Allred, C.D.**, and Kilgore, M.W. Rosiglitazone Activates ERα and PPARγ Altering Their Crosstalk and Effect on Proliferation in Cancer Cells. 88th annual meeting of the Endocrine Society, Boston, MA. June 2006.
22. Talbert, D.R., **Allred, C.D.**, and Kilgore, M.W. Rosiglitazone Activation of ERα induces proliferation in MCF-7 breast cancer cells and is dependent on the ERK-MEK pathway. 97th annual meeting of the American Association of Cancer Research, Washington, D.C., April 2006.
23. Kilgore, M.W., **Allred, C.D.**, Wilson, M.E., and Wang, X. Myc-associated zinc finger protein mediates the overexpression of PPAR gamma in human breast cancer cells by driving promoter switching. Keystone Symposia. Nuclear Receptor; Orphan Brothers, March 2006.
24. **Allred, C.D.**, Talbert, D.R., and Kilgore, M.W. Peroxisome proliferator-activated receptor gamma as a molecular target of polyunsaturated fatty acids in breast cancer cells. Presented at the Experimental Biology Meetings in 2006 in San Francisco, CA.
25. **Allred, C.D.**, Talbert, D.R., and Kilgore, M.W. Defining the Molecular Actions of Linoleic Acid in Breast Cancer: Modulation of Peroxisome Proliferator-Activated Receptor Gamma. Presented at the Era of Hope Meeting in 2005 in Philadelphia, PA.
26. **Allred, C.D.**, Talbert, D.R., and Kilgore, M.W. Defining the Molecular Actions of Linoleic Acid in Colon Cancer: Modulation of Peroxisome Proliferator-Activated Receptor Gamma. Presented at the Endocrine Society's Eighty Seventh Annual Meeting in 2005 in San Diego, CA.
27. **Allred, C.D.**, Talbert, D.R, and Kilgore, M.W. Selective activation of PPARγ in Cancers of the Breast, Colon, and Lung. Presented at the Twenty Fourth Annual University of Kentucky Symposium in Reproductive Sciences in 2005 in Lexington, KY.

28. **Allred, C.D.** and Kilgore, M.W. Selective Activation of PPARγ Demonstrates Tissue Specificity Between Tumor Cell Lines. Presented at the Keystone Research Conference: Orphan Nuclear Receptors in 2004 in Keystone Colorado.
29. **Allred, C.D.**, Ju, Y., Allred, K.F., and Helferich, W.G. The Effects of Dietary Soy Extracts on the Growth of Human Estrogen-dependent Breast Cancer Cells Transplanted into Ovariectomized Athymic Mice. Presented at the Gordon Research Conference: Hormonal Carcinogenesis in 2001 in New Hampshire.
30. **Allred, C.D.**, Allred, K.F., Ju, Y., Virant, S.M., and Helferich, W.G. Soy Diets Containing Genistein Stimulate Growth of Estrogen-Dependent (MCF-7) Tumors in a Dose Dependent Manner. Presented at the Experimental Biology Meetings in 2000 in San Diego, CA and at the Society of Toxicology Meeting in 2000 in Philadelphia, PA.
31. **Allred, C.D.**, Allred, K.F., and Helferich, W.G. Genistin, the Glycoside Form of Genistein, Stimulates Growth of Estrogen-Dependent Human Breast Cancer Cells *In Vivo*. Presented at the Experimental Biology Meetings in 1999 in Washington D.C.

VII. GRANTS AND CONTRACTS AWARDED

Grants and Contracts

Type and Role	Since Last Promotion		Career	
	Total $s to all PIs *	**$s allocated to your program ***	**Total $s to all PIs**	**$s allocated to your program**
External Competitive				
PI	$930,052	$722,030	$1,212,450**	$908,702**
Co-PI	$2,431,513	$51,267	$2,431,513	$51,267
Total (PI + Co-PI)	$3,361,565	$773,297	$3,643,963	$959,969
Internal				
PI				
Co-PI				
Total (PI + Co-PI)				
Other				
Gifts and Gifts-in-Kind				
Royalties to Program				

*See appendix for Dean of Faculty grant award summary table

**Values do not reflect funding from postdoctoral training grant on which I served

Awarded Grants and Contracts

Funding Period	Funding Source	Role	Total Funding	External Competitive
Allred 9/12 to 9/14	National Institutes of Health	Co-PI	$394,545	Yes
Allred 7/11 to 6/15	American Cancer Society	PI	$718,052	Yes
Allred 1/11 to 9/11	Science Applications International Corporation	Co-PI	$144,665	Yes
Allred 6/10 to 5/12	International Life Sciences Institute	PI	$30,000	Yes
Allred 1/08 to 5/11	American Institute for Cancer Research	PI	$165,000	Yes
Carroll 7/11 to 6/16	National Institutes of Health/National Cancer Institute	Co-I	$2,499,500	Yes
Allred 4/04 to 3/08	Department of Defense Breast Cancer Research Program Postdoctoral Award	PI	$299,398 *	Yes
Allred 10/04 to 11/06	National Institutes of Health	PI	$17,988	Yes

Allred 4/03 to 3/04	National Institutes of Health/National Institute of Child Health and Human Development Postdoctoral Fellowship	Postdoctoral Trainee	$42,256	Yes

*****Balance of grant transferred to Texas A&M University from the University of Kentucky College of Medicine

Extramural Funding:

Active Support:

American Cancer Society (Allred) **7/1/11 – 6/30/15**
Research Scholar Grant in Basic Research $718,052
Role: Principal Investigator
Title: Effects of Estrogens on Sporadic and Inflammation-associated Colon Cancer.
Specific Aims: To evaluate the ability of estradiol and diet-derived phytoestrogens to suppress intestinal inflammation and subsequent tumor formation. No scientific or budgetary overlap with the present proposal.

1R25 CA90301(Carroll) **7/1/11-6/30/16**
NIH/NCI $499,918/y
Role: Co-Investigator
Title: Nutrition, Biostatistics, and Bioinformatics

Specific Aims: Our goal is to train statistically oriented individuals to function as independent researchers in a multidisciplinary environment focusing on Nutrition and cancer. To achieve this goal we have assembled a team of researchers specializing in Statistics/Biostatistics, Bioinformatics and the biology of Nutrition and cancer. No scientific or budgetary overlap with the present proposal.

National Institutes of Health **7/1/12-8/31/14**
R21 $395,019
Role: Co-PI **(Allred and Chapkin)**
Title: The effects of endogenous and dietary estrogens on colonic stem cells.

Previously Funded Support:

ILSI (Allred) **6/1/10 - 5/31/12**
International Life Sciences Institute $30,000
Role: Principle Investigator
Title: Novel Dietary Approaches for Preventing Colon Cancer
Specific Aims: To determine whether altering the gut flora influences exposure to phytoestrogen compounds and whether these bioactive molecules in turn suppress DNA adduct formation. No scientific or budgetary overlap with the present proposal.

Science Applications International Corporation 1/1/2011 – 9/30/2011
Contract (Simanek) Total Award Amount: $144,665

Role: Collaborator
Title: S10-38: Delivery of Brefeldin A with Triazine Dendrimers
Specific Aims: To determine if dendrimer constructs can effectively deliver the chemotherapeutic drug Brefeldin A. It is expected that efficacy of the drug will be enhanced while simultaneously decreasing its toxicity.

International Life Sciences Institute 6/1/10 - 5/31/12
ILSI (Allred) Total Award Amount: $30,000
Role: Principle Investigator
Title: Novel Dietary Approaches for Preventing Colon Cancer
Specific Aims: To determine whether altering the gut flora influences exposure to phytoestrogen compounds and whether these bioactive molecules in turn suppress DNA adduct formation.

CA90301
National Institutes of Health/National Cancer Institute 8/1/2006 – 7/30/2011
Role: Co-investigator (Raymond Carroll- PI) Total Award Amount: $2,286,848
Title: Nutrition, Biostatistics, and Bioinformatics
Specific Aims: Our goal is to train statistically oriented individuals to function as independent researchers in multidisciplinary environment focusing on Nutrition and cancer. To achieve this goal we have assembled a team of researchers specializing in Statistics/Biostatistics, Bioinformatics and the biology of Nutrition and cancer.

07B080 1/1/2008 – 4/30/2011
American Institute for Cancer Research Investigator Initiated Grant
Role: Principle Investigator Total Award Amount: $165,000
Title: Ability of n-3 Fatty Acids to Influence Colon Tumor Formation by Modulating Estrogen Action

W81XWH-04-1-0532 4/1/2004 – 3/31/2008
Department of Defense Breast Cancer Research Program Postdoctoral Award
Role: Principle Investigator Total Award Amount: $299,398
Title: Defining the Molecular Actions of Dietary Fatty Acids in Breast Cancer: Selective Modulation of Peroxisome Proliferator-Activated Receptor Gamma.

No Grant Number 10/1/2004 – 11/1/2006
National Institutes of Health Loan Repayment Program
Role: Principle Investigator Total Award Amount: $17,988
Description: Funds go towards paying previous student loans of the applicant and are awarded on competitive bases following the pier-review of an original research proposal.

T32 HD07436-10 4/1/2003 – 3/31/2004
National Institutes of Health/National Institute of Child Health & Human Development
Postdoctoral Fellowship
Role: Postdoctoral Trainee Individual Award Amount: $42,256
Title: Training Grant in Reproductive Sciences

Research Enrichment Activities

2008	Participated in the American Society of Nutrition/Institute of Food Technologists Grant Writing Workshop

Other Relevant Accomplishments

- Collectively my manuscripts have been referenced 934 times
- Our research was highlighted in August 2009 on MDLinx.com, a research database for physicians and other healthcare professionals
- I have conducted consulting activities with Dr. Guy Johnson (Johnson Nutrition Solutions, LLC). Primary activities have been in providing expert opinion for and assisting in preparation of five separate white papers on a variety of nutrition topics. In some cases these documents have been used by food companies to develop applications for nutritional health claims submitted to the Food and Drug Administration.

VIII. Service/ Extension

Overview Statement

Since beginning my appointment, I have served at the departmental, intercollegiate, and university levels. I have served as the chair of standing and ad hoc committees in the department, as an executive committee member for the Intercollegiate Faculty of Nutrition, and was elected as a representative for the College of Agriculture and Life Sciences to the Council of Principle Investigators. Recently, I have served as co-chair of an ad-hoc Nutrition Curriculum Review Committee. In the past year, this group has spent long hours closely evaluating the undergraduate degree plans for nutrition majors which has culminated in a set of recommendations that will drastically improve degrees offered by the department. These recommendations were approved by the full faculty at a half day work group meeting for which I served as moderator. In addition, I have had the honor of participating in service activities outside of the university including for the American Society of Nutrition. Also, I had the opportunity to give presentations to the local and regional chapters of the American Cancer Society. The chance to share my knowledge with cancer survivors and other advocates were very rewarding experiences. Details of my service activities are listed below. Having completed all of my training at land grant universities, I am highly sensitized to the important role that extension plays in the mission of the university and in service to the state. My most notable interaction to date with extension has been through serving as a member of a search committee to identify and recommend a candidate for a new extension specialist faculty position. In going through this process, I have deepened my understanding of the role of the nutrition extension programs in the state of Texas and look forward to future opportunities for developing collaborative projects with our extension faculty.

Departmental/ University:

2010-present	Intercollegiate Faculty of Nutrition Curriculum Committee
2010-present	Co-Chair of Nutrition and Food Science Curriculum Review Committee
2010	Dean of Faculties Task Force on Faculty Evaluation
2009-2012	Elected to Council of Principle Investigators
2009-present	Department of Nutrition and Food Science Undergraduate Program Committee
2009	Chair Department of Nutrition and Food Science ad hoc committee on undergraduate research
2009	Served on the Texas A&M AgriLife Regents Professor Awards Review Panel
2008- 2009	Chair Department of Nutrition and Food Science Awards Committee
2008- present	Faculty advisor to the Genetics Graduate Student Association
2007- present	Department of Nutrition and Food Science Graduate Programs Committee
2007-2009	Served on search committee for Extension Specialist Faculty Position

2007-2008	Member of the search committee for lecturer position
2006- 2010	Department of Nutrition and Food Science Awards Committee
2006- 2010	Member of Executive Committee for the Intercollegiate Faculty of Nutrition

National:

American Society of Nutrition:

2011	Chaired Dietary Bioactive Components III: Mechanism of Action and Molecular Targets at Experimental Biology Meeting
2009	Chaired Dietary Bioactive Compounds II: Chronic Disease Risk Reduction minisymposium at Experimental Biology Meeting
2009	Chaired Dietary Bioactive Compounds III: Antioxidants and Free Radicals minisymposium at Experimental Biology Meeting
2007- present	Awards oversight Committee

Manuscript peer-reviewer for:

Carcinogenesis
Journal of Nutrition
International Journal of Cancer
Cancer Investigation
Nutrition and Cancer
Evidence Based Complementary and Alternative Medicine
International Journal of Vitamin and Nutrition Research
PPAR
Experimental Biology and Medicine

Grant Reviewer for:

National Institutes of Health (NIH)
American Cancer Society (ACS)
American Institute for Cancer Research (AICR)

Other Relevant Accomplishments:

- 2006 Served as an invited panelist on a career development panel for graduate students in the Interdisciplinary Toxicology Program at the University of Illinois

Clinton D. Allred

Invited Lectures (Approximate number in attendance):

2014	Invited speaker at the opening ceremonies for the College Station Relay for Life Event
2014	Invited to speak at Pink Alliance talk, College Station
2011	Invited oral presentation at the University of Houston, Center for Nuclear Receptors and Cell Signaling (60)
2010	Invited oral presentation for local chapter of the American Cancer Society (Relay Survivor's Dinner), Caldwell, TX (60)
2010	Invited oral presentation at Purdue University, Department of Nutrition (50)
2010	Invited oral presentation at Virginia Tech, Department of Human Nutrition, Foods & Exercise (75)
2008	Invited oral presentation at the University of Illinois, Intercollegiate Faculty of Toxicology (75)
2007	Presented seminar to the Texas A&M Cancer Society (50)
2007	Gave the Sonia WolfWilson Lectureship seminal at the University of Texas, Division of Nutritional Science (50)
2005	Presentation at Twenty Fourth Annual University of Kentucky Symposium in Reproductive Sciences
2002	Presentation at Michigan State University, Department of Food Science and Human Nutrition
2002	Presentation at University of Virginia School of Medicine, Department of Microbiology
2002	Presentation at University of Kentucky College of Medicine, Department of Molecular and Biomedical Pharmacology
2001	Presentation at Fourth International Symposium on the Role of Soy in Preventing and Treating Chronic Disease

Presentations:

2009	Poster presentation at Federation of American Societies for Experimental Biology (FASEB) Sumer Research Conference
2008	Oral presentation at the Texas A&M Cancer Workshop
2008	Oral presentation at the Experimental Biology Meeting
2006	Oral presentation at the Experimental Biology Meeting
2005	Oral presentation at the Era of Hope Conference
2005	Oral presentation at the Endocrine Society's Eighty Seventh Annual Meeting
2004	Poster presentation at Twenty Third Annual University of Kentucky Symposium in Reproductive Sciences
2004	Poster presentation at Nuclear Receptor Keystone Symposia
2001	Oral and poster Presentation at Gordon Research Conference: Hormonal Carcinogenesis
2000	Poster presentation at Society of Toxicology Meeting

2000	Oral and poster presentation at Experimental Biology Meeting
1999	Oral presentation at Experimental Biology Meeting

OTHER MEETINGS ATTENDED:

2013	Congress on Steroid Research
2013	Experimental Biology Meeting
2012	Experimental Biology Meeting
2011	American Institute for Cancer Research Conference
2011	Congress on Steroid Research
2011	Experimental Biology Meeting
2010	Cancer Prevention and Research Institute of Texas: Innovations in Cancer Prevention and Research Conference
2009	Experimental Biology Meeting
2009	Federation of American Societies for Experimental Biology Summer Research Conference: Gastrointestinal Tract XIII
2008	Experimental Biology Meeting
2007	Gulf Coast Chapter Society of Toxicology Annual Meeting
2007	Experimental Biology Meeting
2006	Experimental Biology Meeting
2004	Environmental Estrogens Symposia
2003	University of Kentucky Twenty Second Symposium in Reproductive Sciences
2001	Experimental Biology Meeting
2000	Midwest Society of Toxicology Spring Meeting
2000	Functional Foods for Health Retreat
1999	Midwest Society of Toxicology Fall Meeting
1999	Environmental Estrogens Symposia
1998	Functional Foods for Health Retreat

HONORS AND AWARDS:

National Awards:

2014	ILSI Malaspina International Scholar Travel Award (this is the first time it has ever been awarded and only two were given in the United States)
2010	Received International Life Sciences Institute Future Leaders Award
2009	Awarded American Society for Nutrition E. L. R. Stokstad Award
2008	Selected as a finalist for the International Life Sciences Institute (North America) Future Leaders Award
2008	Invited to attend the ASN/IFT grant writing workshop in Washington DC
2005	Awarded Endocrine Society Travel Grant

2005	Abstract selected by the Endocrine Society Media Advisory Committee to appear in the Research Summaries Book at the Endocrine Society's Annual Meeting
2000	Awarded Society of Toxicology Graduate Student Travel Award
2000	Winner of Food Safety Specialty Section Graduate Student Award at the Society of Toxicology annual meeting
2000	Awarded Midwest Society of Toxicology Travel Award

Other awards:

2014	The Association of Former Students Distinguished Achievement Award for College-Level Teaching.
2010	Department of Nutrition and Food Science Mentoring Award for Excellence
2003	David H. Baker Nutrition Scholar Award
2001-2002	University of Illinois Fellowship
2001	Division of Nutritional Sciences Student Research Award
2000-2003	Environmental Toxicology Scholar Fellowship
2000	Invited to join Gamma Sigma Delta Agriculture Honor Society
1999	Awarded Graduate School Travel Grant
1999-2001	Elected student representative to executive advisory committee for Nutritional Sciences
1999 & 2000	Winner of student oral competition during Spring Nutritional Sciences Symposium

SCIENTIFIC, PROFESSIONAL, AND HONORARY SOCIETIES:

Council on Undergraduate Research
American Association for Cancer Research
The Endocrine Society
American Society for Nutrition
Society of Toxicology
Midwest Society of Toxicology
Gamma Sigma Delta Agriculture Honor Society

January 14, 2015

To my knowledge, all information presented in this Curriculum Vita is both truthful and current.

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Associate Professor
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