

Henry Eric Smith

Curriculum Vitae

CONTACT INFORMATION

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EDUCATION

Ph.D. Human Resource Education and Workforce Development 2017
Louisiana State University, Baton Rouge, LA

M.Ed. Education with a Concentration in Agricultural Education 2006
Louisiana Tech University, Ruston, LA

B.S. Industrial Technology 2001
Northwestern State University, Natchitoches, LA

PROFESSIONAL EXPERIENCE

Executive Director of Agricultural Education/Louisiana State FFA Advisor 2017-present
Department of Agricultural & Extension Education & Evaluation
Agricultural Education Program
College of Agriculture
Louisiana State University, Baton Rouge, LA

Graduate Teaching Assistant 2016-2017
Louisiana State University, Baton Rouge, LA
College of Agriculture
Department of Agricultural & Extension Education & Evaluation

Agricultural Education Instructor/FFA Advisor 2003-2016
Natchitoches Parish School Board
Lakeview High School
Campti, LA

Production Supervisor 2002-2003
Cargill, Inc.
Westwego, LA

Woodchip classification 1998-2001
Weyerhaeuser Company
Campti, La

SECONDARY COURSES TAUGHT

Carpentry	2010-2012
Agriculture Science III	2010-2016
Small Engines	2006-2016
Welding I and II	2006-2016
Agriculture Construction	2006-2016
Horticulture	2006-2016
Agriculture Science I	2003-2010
Agriculture Science II	2003-2010
7 th and 8 th Grade Exploratory Agriculture Science	2003-2006
Forest Science	2003-2006

POSTSECONDARY COURSES TAUGHT

AEEE 2002 Philosophy & Methods of Contests and Coaching, LSU	2018
AEEE 2002 Philosophy & Methods of Contests and Coaching, LSU	2017
AGRI 1001 Introduction to Agriculture, LSU	2016
AGED 460 Fundamentals of Agricultural Ed., Louisiana Tech	2011

RESEARCH INTERESTS

Student-centered teaching methods
Smartphone teaching strategies in agricultural education
Professional development needs of secondary agriculture teachers

PEER-REVIEWED RESEARCH JOURNAL ARTICLES

- Smith, H.**, Blackburn, J., Stair, K., & Burnett, M. (2019). Determining the effects of the smartphone as a learning tool on the motivation of school-based agricultural education students in Louisiana. *Journal of Agricultural Education*, 60(3), 141-154. doi:10.5032/jae.2019.03141
- Stair, K., Figland, W., Blackburn, J., & **Smith, E.** (2019). Describing the Differences in the Professional Development needs of Traditionally and Alternatively Certified Agriculture Teachers in Louisiana. *Journal of Agricultural Education*, 60(3), 262-276. doi: 10/5032/jae.2019.03262
- Figland, W. L., Blackburn, J. J., **Smith, H. E.**, & Stair, K. S. (2019). What do they need? Determining differences in the classroom-based professional development needs of Louisiana agriculture teachers by years of teaching experience. *Journal of Agricultural Education*, 60(2), 173–189. doi: 10.5032/jae.2019.02173
- Smith, H. E.**, Blackburn, J. J., Stair, K. S., & Burnett, M. F. (2018). Assessing the effects of the smartphone as a learning tool on the academic achievement of school-based agricultural education students in Louisiana. *Journal of Agricultural Education*, 59(4), 270–285. doi: 10.5032/jae.2018.04270

Smith, H. E., Stair, K. S., Blackburn, J. J., & Easley, M. (2018). Is there an app for that? Describing smartphone availability and educational technology adoption level of Louisiana school-based agricultural educators. *Journal of Agricultural Education*, 59(1), 238–254. doi: 10.5032/jae.2018.10238

PEER-REVIEWED NATIONAL RESEARCH CONFERENCE PROCEEDINGS

Smith, H. E., Blackburn, J. J., Stair, K. S., & Burnett, M. F. (2019). Determining the effects of the smartphone as a learning tool on the motivation of school-based agricultural education students in Louisiana. *Proceedings of the 2019 American Association for Agricultural Education Research Conference*, Des Moines, IA.

Figland, W. L., Blackburn, J. J., **Smith, H. E.,** & Stair, K. S. (2018). What do they need? Determining differences in the classroom-based professional development needs of Louisiana agriculture teachers by years of teaching experience. *Proceedings of the 2018 American Association for Agricultural Education (AAAE) National Research Conference*, Charleston, SC.

Smith, H. E., Blackburn, J. J., Stair, K. S., & Burnett, M. F. (2018). Assessing the effects of the smartphone as a learning tool on the academic achievement of school-based agricultural education students in Louisiana. *Proceedings of the 2018 American Association for Agricultural Education (AAAE) National Research Conference*, Charleston, SC.
*** Outstanding Research Paper Award**

Smith, H. E., Stair, K. S., & Blackburn, J. J. (2017). Is there an app for that?: Describing smartphone availability and educational technology adoption level of Louisiana school-based agricultural educators. *Proceedings of the 2017 American Association for Agricultural Education Research Conference*, San Luis Obispo, CA.
*** Distinguished Manuscript Award**

PEER-REVIEWED REGIONAL RESEARCH CONFERENCE PROCEEDINGS

Roberts, R., Wittie, B.M., Stair, K.S., Blackburn, J.J., & **Smith, H.E.** (Accepted November 19, 2019). The Dimensions of Professional Development Needs for Secondary Agricultural Education Teachers Across Career Stages: A Multiple Case Study Comparison " (2019-2979). Manuscript submitted to the *2020 Southern Region American Association for Agricultural Education Southern Research Conference*, Louisville, KY.

Figland, W. L., Blackburn, J. J., **Smith, H. E.,** & Stair, K. S. (Accepted December 13, 2017). What do they need? Determining Differences in the Classroom-based Professional Development Needs of Louisiana Agriculture Teachers by Years of Teaching Experience. Manuscript submitted to the *2018 American Association for Agricultural Education Southern Region Research Conference*, Jacksonville, FL

Stair, K. S., Figland, W. L., Blackburn, J. J., & **Smith, H. E.** (Accepted December 13, 2017). Describing the Differences in the Professional Development needs of Traditionally and Alternatively Certified Agriculture Teachers in [State]. Manuscript submitted to the *2018 American Association for Agricultural Education Southern Region Research Conference*, Jacksonville, FL.

POSTERS AND PRESENTATIONS

Courter, K., Figland, W. L., Blackburn, J. J., Stair, K. S., & **Smith, H. E.** (Accepted April 6, 2018). Help! Determining the FFA and SAE professional development needs of Louisiana agriculture teachers by years of teaching experience. Submitted to the *2018 American Association for Agricultural Education Research Conference*, Charleston, SC.

Courter, K., Figland, W. L., Blackburn, J. J., Stair, K. S., & **Smith, H. E.** (2018). Help! Determining the FFA and SAE professional development needs of Louisiana agriculture teachers by years of teaching experience. *2018 American Association for Agricultural Education Southern Region Research Conference*, Jacksonville, FL.
***Distinguished Poster Award**

GRANTS AND FUNDING

Extramural Funding Opportunity	Awarded	Not Awarded	In-Review
2016 Louisiana State University – Fain & Company TG Web testing license donation (200 license donated) ^a	\$20,000		
2018 National FFA, Living to Serve Grant (PI) ^b	\$8,000		
2019 National FFA, Living to Serve Grant (PI) ^b	\$8,000		
2020 National FFA, Living to Serve Grant (PI) ^{1b}			
2018 Sustaining Louisiana Forestry, a collaboration between IP and the Louisiana FFA (PI) ^c	\$8,000		
2019 Sustaining Louisiana Forestry, a collaboration between IP and the Louisiana FFA (PI) ^{2a}		\$8,000	
2019 Louisiana Beef Industry Council, Beef Poster Funding ^d	\$14,392		
2018-2019 Louisiana Beef Industry Council Red Meat Educational Funding ^e	\$5,000		
Louisiana State University - STEAM'ing through Louisiana's Coastal Challenges – USDA NIFA Secondary Education, Two-Year Postsecondary Education, and Agriculture in the K-12 Classroom Challenge Grant(Co-PI) ^{1a}		\$299,922	

Louisiana State University - STEAMing Up Agricultural and Environmental Literacy Education: Using Louisiana’s Coastal Challenges as a Context to Facilitate Innovative Professional Development, Experiential Learning, and Global Engagement Opportunities(Co-PI) ^f	\$267,020		
2020 National FFA, Living to Serve Grant (PI) ^b			\$8,000
TOTAL	\$330,412	\$307,922	\$8,000

Funded, External

- ^a – Principal Investigator, Fain and Company *Assessing the effects of the smartphone as a learning tool on the academic achievement and motivation of school-based agricultural education students in Louisiana*, Technology Donation. \$20,000.00
- ^b – Principal Investigator, National FFA Foundation *Day of Service*. Various large service projects held in conjunction with the Louisiana FFA State Convention, 2018 & 2019 \$16,000.00
- ^c – Principal Investigator, International Paper Company, *Sustaining Louisiana Forestry*, a collaboration between IP and the Louisiana FFA. Funding used to purchase resources for Forestry Career Development and Leadership Development in Louisiana \$8,000.00
- ^d – Principal investigator, Louisiana Beef Industry Council, *Beef Posters* Purchased 200 sets of laminated beef posters from North American Meat Institute to distribute to every FFA chapter and College of Agriculture in Louisiana \$14,392.00
- ^e – Principal investigator, Louisiana Beef Industry Council, *Red Meat Educational Funding*, Purchased all red meat for Louisiana FFA Meat Identification Career Development Events 2017-2019 \$5,000.00
- ^f – Co-PI Stair, K.S., Roberts, R., Blackburn, J. J., **Smith H. E.**, LeJeune, STEAMing Up Agricultural and Environmental Literacy Education: Using Louisiana’s Coastal Challenges as a Context to Facilitate Innovative Professional Development, Experiential Learning, and Global Engagement Opportunities – Agriculture and Food Research Initiative Competitive Grant Program – Education and Workforce Development Program.

Funding Agency: NIFA/USDA
Proposed Duration: January 2020 – December 2021
Funded Amount: \$267,020

Not funded, External

^{1a} – (Co-PI) Cater, M., Stair, K.S., Roberts, R., Blackburn, J. J., **Smith H. E.**, LeJeune, C., Danos, L. STEAM’ing through Louisiana’s Coastal Challenges – USDA NIFA Secondary Education, Two-Year Postsecondary Education, and Agriculture in the K-12 Classroom Challenge Grant

Funding Agency: NIFA/USDA

Proposed Duration: January 2020 – December 2022

Funded Amount: \$299,922

^{2a} – 2019 Sustaining Louisiana Forestry, a collaboration between IP and the Louisiana FFA \$8,000

Under review, External

^{1b} – Principal Investigator, National FFA Foundation *Day of Service*. Cenla Food Bank meal program and downtown Alexandria revitalization projects held in conjunction with the Louisiana FFA State Convention, 2020 **\$8,000.00**

PROFESSIONAL AFFILIATIONS

National Association of Supervisors of Agricultural Education (NASAE)	2017-present
American Association of Agricultural Education (AAAE)	2016-2017
Louisiana Forestry Association (LFA)	2008-present
National Association of Agricultural Educators (NAAE)	2004-present
Louisiana Agriscience Teachers Association (LATA)	2004-present

STATE LEVEL SERVICE

<i>Judge</i> , American Farm Bureau YFR Discussion Meet, New Orleans	2019
<i>Coordinator</i> , Animal Science Night at FFA Camp	2019
<i>Committee Member</i> National FFA Agronomy CDE	2018-present
<i>Judge</i> , Louisiana Farm Bureau YFR Excellence in Agriculture, New Orleans	2018
<i>Co-presenter</i> , Louisiana Jumpstart Convention, AEST Agri-technology IBC	2018
<i>Co-Superintendent</i> , State FFA Small Engines (CDE), LSU	2017
<i>Volunteer Judge</i> , National FFA Forestry CDE, Indianapolis, IN	2017
<i>Coordinator</i> , FFA Business and Industry Tour	2017
<i>Chair</i> , Louisiana Team Ag Ed	2017-present
<i>Secretary Treasurer</i> , Louisiana FFA Foundation Inc.	2017-present
<i>Proctor</i> , Agriculture technology exam for teachers, various statewide PD days	2017-present
<i>Co-Chair</i> , Louisiana Agricultural Education Commission	2017-present
<i>Superintendent</i> , State FFA Forestry CDE, Grant Parish	2016
<i>Superintendent</i> , State FFA Small Engines CDE, Baton Rouge	2015
<i>Host</i> , Louisiana FFA Officer Goodwill Tour	2008, 2010

TEACHER PROFESSIONAL DEVELOPMENT IN-SERVICE

<i>Coordinator</i> , Early Career Winter Summit, Alexandria, LA	2020
<i>Coordinator</i> , Electrical Training Alliance Interim Credentials, Lake Charles, LA	2020
<i>Presenter</i> , Chainsaw Safety Workshop, Louisiana FFA Camp	2019
<i>Coordinator</i> , Proficiency Awards Writing Workshop, FFA Camp	2019
<i>Coordinator</i> , District Planning and Mentor Assignments, FFA Camp	2019
<i>Coordinator</i> , Bus tour of International Paper-Red River, LATA	2019
<i>Coordinator</i> , Electrical Training Alliance Interim Credential, LATA	2019
<i>Coordinator</i> , FAA 107 Drone Pilots Training, FFA Camp & LATA	2019
<i>Presenter</i> , New Teacher Workshop, LATA	2019
<i>Coordinator</i> , New Teacher Mentoring Program, Statewide	2019
<i>Coordinator</i> , Using Scantrons for CDE's, FFA Camp, Woodworth, LA	2018
<i>Coordinator and Presenter</i> , New Forestry CDE/Using Scantrons, FFA Camp	2018
<i>Coordinator</i> , National Poultry CDE workshop w/Dr. Craig Edwards, FFA Camp	2018
<i>Coordinator</i> , Bus tour of LSU Agcenter research station, LATA	2018
<i>Presenter</i> , New Teacher Workshop, LATA	2018
<i>Presenter</i> , Rapides Parish Ag. Ed./FFA back to school PD	2018, 2019
<i>Coordinator and Trainer</i> , Louisiana Exam of Advanced Forestry, LATA	2018, 2019
<i>Coordinator and Proctor</i> , Agri-technology IBC testing, FFA Camp	2018, 2019
<i>Coordinator and presenter</i> , Area Level Forestry CDE for teachers, FFA Camp	2018, 2019
<i>Coordinator</i> , Electrical Wiring 3-way switches, FFA Camp, Bunkie, LA	2017
<i>Coordinator & Presenter</i> , APA writing style for FFA speeches, Bunkie, LA	2017
<i>Coordinator</i> , Planning POA Using National Chapter Award, Bunkie, LA	2017
<i>Presenter</i> , New Teacher workshop, LATA, Vidalia, LA	2017
<i>Coordinator</i> , Pesticide Certification for Ag Teachers, FFA Camp, Bunkie, LA	2017
<i>Coordinator</i> , Smartphone best practices for Ag teachers, FFA Camp, Bunkie, LA	2017
<i>Presenter</i> , Tree identification workshop, LATA conference, Vidalia, LA	2016
<i>Presenter</i> , Tree ID with Smartphones, dissertation research, Statewide	2016
<i>Presenter</i> , Tree ID with Leaf Key Books, dissertation research, Statewide	2016
<i>Developer and presenter</i> , Agronomy CDE teacher workshop, FFA camp	2014
<i>Host and presenter</i> , Electrical wiring workshop, Lakeview H.S.	2013
<i>Host and presenter</i> , Small Engines workshop, Lakeview H.S.	2013

TEACHER PROFESSIONAL DEVELOPMENT WEBINARS

Developing Partner Relationships in your community, Mandy Delaune, 5 views	2019
2019 Roster Instructions, Cade Lejeune FFA Exec. Sec., 47 views	2019
Electricity CDE Training Part 1, Eric Smith Ph.D. LSU, 165 views	2019
Electricity CDE Training Part 2, Eric Smith Ph.D. LSU, 107 views	2019
Electricity CDE Training Part 3, Eric Smith Ph.D. LSU, 73 views	2019
Dairy Cattle CDE Instructions, Spencer Stelley, superintendent, 289 views	2019
Milk Quality and Products scantron, Landon Wade, superintendent, 297 views	2019
2019 Award Applications Instruction, Brett Evans, NFFA, 50 views	2019
Poultry CDE Instructions, Sadie Phelps, superintendent, 209 views	2019
Agriscience Fair Posters, Kristin Stair, Ph.D. LSU, 30 views	2019
Introducing the FFA Convention App, Brooklyn Hampton, FFA Pres., 273 views	2019
Land Judging CDE, Spencer Stelley, Ag Teacher, 2,400 views	2018

Applying for the LCTCS/FFA Scholarship, Amy Cagle, Manager, 150 views	2018
Spring CDE Update, Eric Smith, State FFA Advisor, 69 views	2018
How to use Agritech, Keitha Bennett, AEST, 87 views	2018
How to access FFA award applications, Ryan Riley, Ag Teacher, 34 views	2018
Using the Livestock CDE Scantron, Eric Smith Ph.D. LSU, 211 views	2018
Preparing for the Food Science CDE, Chad Schimmels, Nebraska FFA, 109 views	2018
Preparing for the Agriscience Fair, Kristin Stair, Ph.D. LSU, 89 views	2018
Product Development Food Science, Chad Schimmels, Nebraska FFA, 141 views	2018
Using the New LA FFA Website, Cade Lejeune, FFA Exec. Sec., 39 views	2018
Forestry Disorders, Josh Adams, Ph.D. LA Tech, 133 views	2018
Digging Deeper with Jimmy Dillon, former National FFA President, 147 views	2018
SAE's goal setting and proficiency awards, Richie Roberts, Ph.D. LSU, 23 views	2018
FFA Beef Poster Contest Rules, Crystal Ahrens, LSU Agcenter, 20 views	2018
2018 State Horse Eval CDE Instructions, Marcy Mahler, superintendent, 69 views	2018
Using the FFA Roster System, Nina Crutchfeld, LPS, 216 views	2017
CDE Rules update, David Carlino, CDE Board Chair, 21 views	2017
APA Writing Style for FFA Speeches, Joey Blackburn Ph.D. LSU, 245 views	2017

UNIVERSITY LEVEL SERVICE

<i>Guest lecturer, AEEE 2001, LSU Baton Rouge</i>	2019
<i>Guest lecturer, AGED 460 Louisiana Tech, Ruston</i>	2018, 2019
<i>Coordinator for FFA, Ag Magic Cenla, Alexandria</i>	2018, 2019
<i>Coordinator, National FFA Food Science team practice at LSU Food Incubator</i>	2018
<i>Presenter, AEEE Pre-service teaching preparation block, Baton Rouge, LA</i>	2017
<i>Co-observer, Student teaching, Calvin, LA</i>	2017
<i>Guest Lecturer, AEEE 1000, AEEE 7816, LSU Baton Rouge</i>	2017
<i>Presenter, Agri-tech IBC, Jumpstart Convention, Baton Rouge</i>	2017
<i>Volunteer, Delivering supplies to flood victims donated by FFA chapters</i>	2016
<i>Volunteer, House demolition for August flood victims, Lafayette, LA</i>	2016
<i>Coordinator, Area IV Forestry CDE, Idlewild Research Station, Clinton, LA</i>	2016
<i>Coordinator, Area II Forestry CDE, Kisatchie National Forest, Natchitoches, LA</i>	2016
<i>Tour guide, J.C. Miller Hall and AEEE department</i>	2016

ACCOMPLISHMENTS AS EXECUTIVE DIRECTOR OF AGRICULTURAL ED.

Carl Perkins Regional Team request for Agricultural Systems IBC	2019
Created and implemented New Teacher Mentoring Program	2019
Implemented district teacher meetings for planning and mentor assignments	2019
Two National Champion Agriscience Fair Winners	2019
Conducted a national search, hired a Foundation Director of Development	2019
Grew the advanced IBC in forestry from 0 to 40 certified teachers in one year	2018
Grew the advanced IBC in forestry from 0 to 25 certified students in one year	2018
Created an annual FFA Calendar of Events, delivered one year prior	2018
Louisiana FFA Ranked 15 th in the United States by NASAE	2018
National FFA Officer elected, Secretary Layni Leblanc	2018
Two National Champion CDE Teams, Agronomy, Conduct of Chapter Meetings	2018

Henry Eric Smith

Created a new website for the Association, Foundation, LATA and Alumni	2018
Created statewide advanced IBC in Forestry	2018
Created a teacher directory with pictures and contact information	2017
Created Weekly Curriculum Webinars as a teacher/student resource	2017
Created Weekly Update for FFA and Ag Ed	2017
FFA membership increased 17% from 9,200 to 11,080	2017
Implemented Scanman scoring system for all FFA contests	2017
Grew Agri-technology IBC from 2 to 190 certified teachers	2017
Grew Agri-technology IBC from 12 to 500 certified students	2017

HIGHEST ACHIEVEMENTS AS LAKEVIEW FFA ADVISOR

Four American Degrees	2017-2009
Louisiana First Place Vegetable Production Placement	2016
National Champion runners up in Forestry, Louisville, KY	2013
Louisiana State Champion Prepared Public Speaking CDE, Monroe, LA	2013
Louisiana State Champion Marketing Plan CDE, Monroe, LA	2013
Louisiana State Champion Forestry CDE, Alexandria, LA	2012
Louisiana State Champion Nursery/Landscaping CDE, Baton Rouge, LA	2012
National 5 th place team in the Agronomy CDE, Indianapolis, IN	2012
National 3 rd place team in the Agronomy CDE, Indianapolis, IN	2011
Louisiana First Place Diversified Livestock Entrepreneur	2011
Louisiana First Place Beef Production Entrepreneur	2010
Louisiana State Champion Small Engines CDE, Baton Rouge, LA	2010
Louisiana State Champion Nursery/Landscaping CDE, Baton Rouge, LA	2010
Louisiana First Place Agricultural Mechanics Design and Fabrication	2007
Louisiana First Place Beef Production Entrepreneur	2007
Louisiana State Champion Small Engines CDE, Baton Rouge, LA	2008
Louisiana First Place Equine Science Placement (National Gold Emblem)	2006
Louisiana First Place Landscape Management Placement	2005

TEACHING HONORS AND AWARDS

NAAE Teachers Turn the Key Award, Louisiana state runner up	2005
Lakeview High School Teacher of the Year	2008
Natchitoches Parish Teacher of the Year	2009
Teacher of Teachers, LATA conference	2015, 2018
Outstanding AEEE Graduate Student, Louisiana State University, Baton Rouge	2016
Distinguished Manuscript, National AAAE Conference – San Luis Obispo, CA,	2017
Outstanding Research Paper, National AAAE Conference – Charleston, SC,	2018