



VITA

NAME: *Sarah M. Smith*

TITLE and RANK: *Extension Regional Specialist, Professor*

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EDUCATION

A. Degrees Earned

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| 1998 | M.S., Animal Sciences-Ruminant Nutrition, Washington State University, Pullman, WA |
| 1995 | B.S., Animal Sciences-Sciences, Washington State University, Pullman, WA |

B. Certificates and Licenses

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| 2022 | American Wool Assurance certified Evaluator, American Sheep Industry |
| 2022 | Pork Quality Assurance Plus Trainer and Advisor, National Pork Board, Version 5 |
| 2019 | Beef Quality Assurance Trainer Certified, National Beef Cattlemen's Association |
| 2019 | Beef Quality Assurance Transporter Trainer Certified, National Beef Cattlemen's Association |
| 2019 | Sheep Safety and Quality Assurance Certified, American Sheep Industry |
| 2017 | Youth for the Quality Care of Animal Instructor-Led Training Trainer, National Youth Quality Care of Animal Curriculum |
| 2016 | Pork Quality Assurance Plus Trainer and Advisor, National Pork Board |
| 2012 | Master of Beef Advocacy Training, National Cattlemen's Beef Association. |
| 2008 | Howard Wyman Sheep Industry Leadership School, National Lamb Feeders Association |
| 2008 | Human Subject Research Curriculum Completion, Collaborative Institutional Training Initiative |
| 2008 | Measure Your Success, Share Your Impacts, WSU Extension Eastside Training Conference |

2008	Neighbor to Neighbor Training, National Pork Board and Pork Checkoff
2007	Pork Quality Assurance Plus Trainer and Advisor, National Pork Board
2007	Youth Pork Quality Assurance Plus Trainer and Advisor, National Pork Board
2006	WIFSS Agroterrorism Preparedness Curriculum for Frontline Responders, Course 1 and 2
2004	Youth Pork Quality Assurance Trainer, National Pork Board
2003	Swine Welfare Assurance Program (SWAP) Instructor. National Pork Board
2002	Sheep Safety and Quality Assurance Trainer and Reviewer, American Sheep Industry and Colorado State University
2001	NIRS/NUTBAL Nutritional Management System Model Training, Pacific Northwest Natural Resource Conservation
2000	WESt Water Quality Assessment Trainer, Natural Resource Conservation
2000	Pork Quality Assurance Program Verifier, Level 9, National Pork Producers Council

EMPLOYMENT

A. University Related

2019-present	Extension Educator, Full Professor, Washington State University Extension, Moses Lake. (Promoted)
2021	Extension Director, 6 month-Interim, Washington State University Grant County Extension, Moses Lake.
2006-2018	Extension Educator, Associate Professor, Washington State University Grant/Adams Extension, Moses Lake, WA. (Tenured) Affiliated Faculty, WSU Department of Animal Sciences
2000-2006	Extension Regional Specialist, Assistant Professor, Washington State University Grant/Adams Extension, Ephrata, WA
1999-2000	Ruminant Nutrition Research Assistant, Washington State University Department of Animal Sciences
1996-1998	Graduate Research and Teaching Assistant, Washington State University Department of Animal Sciences

B. Other

2000	Membership and Legislative Assistant, Oregon Cattlemen's Association, Oregon
1999	Plant Protection and Quarantine Officer, Animal Plant Health Inspection System, United States Department of Agriculture, Port of San Francisco

HONORS AND AWARDS

2017	Smith, S.M. Outstanding Alumnus Award. Washington State University Department of Animal Sciences.
2014	Smith, S.M. Excellence in Leadership and Service. National Swine Extension Educators Committee. National Pork Board.
2014	Smith, S.M. Golden Sheep Hook Award for Service To the Industry. Washington State Sheep Producers Association.
2011	Schmidt, J., M. Heitstuman, S. M. Smith, J. R. Busboom, J.S. Neibergs, S. Kerr, M. Nelson, M. Doumit, and R. Richards. National Association of County Agricultural Agent's Search for Excellence in Livestock Production Award, National Winner. "WSU/UI Beef and Lamb 300 Extension Programs".

2011 Kerr, S., T. Hudson, S. M. Smith, D. Moberg, H. Ferguson, J. S. Neibergs, M. Heitstuman, J. Schmidt and W. F. Hendrix. National Association of County Agricultural Agents' Communication Award, Team Newsletter, Western Regional Winner, National Finalist. *"Washington Animal Agriculture Team Round-Up Electronic Newsletter."*

2010 Smith, S. M. Washington State Sheep Producers' President Award, State Winner.

2010 Smith, S. M. Northwest Junior Sheep Exposition Show Dedication for Excellence in Service and Education.

2010 Kerr, S., T. Hudson, J. Smith, S. M. Smith, D. Moberg, J. Fouts, J. S. Neibergs, H. Ferguson and W. F. Hendrix. National Association of County Agricultural Agents' Communication Award, Team Newsletter, Western Regional Winner, National Finalist. *"Washington Animal Agriculture Team Round-Up Electronic Newsletter."*

2009 Smith, S. M. National Association of County Agricultural Agent's Search for Excellence, Livestock Programming, State Award Winner. *"Washington State Shearing School Impacts Animal Agriculture and Income Status of Shearers"*

2008 Kerr, S., T. Hudson, J. Smith, S. M. Smith, D. Moberg, J. Fouts, J. Kugler, H. Ferguson and W. F. Hendrix. National Association of County Agricultural Agents' Communication Award, Team Newsletter, Regional Finalist. *"Central Washington Animal Agriculture Team Round-Up Electronic Newsletter."*

2007 Kerr, S., T. Hudson, J. Smith, S. M. Smith, D. Moberg, J. Fouts, J. Kugler, and W. F. Hendrix. National Association of County Agricultural Agents' communication Award, Team Newsletter, Western Regional Winner. *"Central Washington Animal Agriculture Team Round-Up Electronic Newsletter."*

2007 Suverly, N, J. Busboom, S. M. Smith, J. Smith, J. Schmidt, M. Heitstuman, J. Newman, S. VanVleet, D. Nelson, and J. Mann. WSU All-Extension Hall of Champion Programs. *"Quality Assurance Education for Washington Livestock Industry."*

2006 Smith, S. M. and S. Mortimer. Grant County Fair Educational Display People's Choice Award.

2006 Smith, S. M., J. Busboom, and M. Heitstuman. Washington State Sheep Producers' President Award, State Winner.

2005 Cruz, L., J. Sorensen, T. Hudson, and S. M. Smith. Washington Association of Agricultural Educators' Outstanding Cooperation Award, State Winner.

2005 Cruz, L., J. Sorensen, T. Hudson, and S. M. Smith. Washington State 4-H Association's Excellence in Team Work, State Winner.

2004 Kerr, S., J. Smith, S. M. Smith, D. Moberg, and F. Hendrix. National Association of County Agricultural Agents' Communication Award, Team Newsletter, Western Regional Winner. *WSU Goat Production Team Kidding Pen Newsletter.*

2002 Smith, S. M. National Association of County Agricultural Agents' Communication Award, Direct Mailing, National Finalist.

2002 Smith, S. M. National Association of County Agricultural Agent's Achievement Award, National Winner.

2002 Smith, S. M. Washington State Sheep Producers' President Award, State Winner.

2001 Smith, S. M. Grant County Fair Service of Excellence Award.

GRANTS, CONTRACTS, AND FUND GENERATION¹

A. Grants and Contracts

Meat Processor and Producer Education in Motion-Utilizing the WA Meat-Up Mobile Classroom. Western Center for Risk Management. \$49,968.31. P.I.: **P. S. Kuber** and Co-P.I.: B. Foraker and S. M. Smith. (7/14-6/15) **(2, 3, 4, 5; \$49,968.31)**. *Submitted*

WSDA Animal Disease Traceability Program: 840 RFID Tag Project for Washington State FFA and 4H Exhibition Cattle and Swine. United States Department of Agriculture. \$50,000. P.I. D. Hecimovich and Co-P.I. **S. M. Smith** (09/20-9/22). **(2, 5; \$15,000)**

COVID-19: WSDA CARES Act funding Request-Local Meat Processing Capacity Rapid Response Grant. Washington State Department of Agriculture. \$325,000. P.I. Lewis, L. and Co-P.I. P. Kuber, **S. M. Smith**, and G. Murdoch. (10/20-12/20) **(1, 2, 4, 5; \$300,000)**.

Mitigation of Greenhouse Gas and Ammonia Emissions from Manure Composting through Research and Education. Federal. \$984,248. P.I. B. T. Jobson, Co-Investigator: K. A. Johnson, S. M. Smith, G. G. Yorgey. (6/20) **(2, 5; \$50,000)**

Development of Sheep Production Video Library and Didactic Material for Ovine Production System. Washington State University Department of Animal Sciences. \$5000. P.I.: M. Maquivar and Co-P.I. **S. M. Smith** and N. Irlbeck. (12/18-12/19) **(1, 2, 3, 4, 5; \$5,000)**.

Improving Forage-Based Nutrient Resource Matching on Cattle and Sheep Operations in the Pacific Northwest. USDA Sustainable Agriculture Research & Education. \$49,618. P.I.: J. Wenz. Collaborators: A. Allen, D. Leavy, I. McGregor, C. Chadwick, D. Konetchy, **S. M. Smith**, D. Llewellyn, J. Chapman, H. Smith, J. Smith, and K. Berquist. (07/19-6/21) **(2, 3, \$6,000)**.

Sheep and Herder Care, Health and Safety Field Pocket Guides (Spanish and English Translation). American Sheep Industry. \$11,062.50. P.I. K. Griffith and **S. M. Smith** and Co-P.I. J. Busboom, and M. Maquivar. (5/17-6/18) **(1, 2, 3, 4, 5; \$11,062.50)**.

Let's Grow the West! Hands-on Interactive Farm to Table Workshops to Improve Productivity Quality and Marketability of Sheep and Sheep Products. American Sheep Industry. \$25,000. P.I. J. Busboom and Co-P.I. L. Eidman, W. Means, G. Pirelli, J. Fine, and **S. M. Smith**. (1/16-12/16) **(1, 2, 3, 4, 5; \$25,000)**.

Let's Grow the Northwest! Production and Management Courses to Improve Productivity, Quality and Marketability of Ewes and Lambs. American Sheep Industry. \$10,000. P.I. G. Pirelli and Co-P.I. J. Busboom and **S. M. Smith**. (7/15-12/15) **(1, 2, 3, 4, 5; \$10,000)**.

Oregon Sheep Shearing School: Enhancing the Skills and Availability of Shearers to Improve Lamb and Wool Profitability. Western Center for Risk Management. \$21,782. P.I.: **S. M. Smith** and Co-P.I.:

¹Key to indicators or description of contributions to Grants, Contracts and Fund Generation: 1 = Provided the initial idea; 2 = Developed research/program design and hypotheses; 3 = Authorship of grant application; 4 = Developed and/or managed budget; 5 = Managed personnel, partnerships, and project activities.

G. Pirelli. (7/15-6/16) **(1, 2, 3, 4, 5; \$21,782)**. *Grant Returned because of facility/equipment commitment conflicts to move shearing trailer to Oregon and back.*

Basic Pig Training of 4-H/FFA Market Pigs Projects for Youth, Parents and Leaders. U.S. Pork Center of Excellence. \$2,500. P.I. **S. M. Smith** and Co-P.I. J. Busboom. (3/15-12/15) **(1, 2, 3, 4, 5; \$2,500)**.

Low-Stress Cattle Handling Training and Video Development: Improving Understanding and Implementation to Manage Risk to Humans and Cattle. Western Center for Risk Management. \$32,273. P.I.: **S. M. Smith** and Co-P.I.: D. Llewellyn. (7/14-6/15) **(1, 2, 3, 4, 5; \$32,273)**.

Developing Electronic Spreadsheets and Mobile Applications to Manage Risk in Direct Marketing of Beef, Pork, and Lamb. Western Center for Risk Management. \$27,500. P.I. M. D. Heitstuman and Co P.I.: **S. M. Smith**, J. R. Busboom, and J. Schmidt. (7/14-6/15) **(1, 2, 3; \$27,500)**.

Managing Rams for Performance: Semen Quality and Longevity. WSU Sheep Endowment Fund. Washington State University Department of Animal Sciences. \$8000. P.I.: M. Maquivar and Co-P.I. **S. M. Smith** and J. R. Busboom. (7/14-7/16) **(1, 2, 3, 4, 5; \$8,000)**.

Delivery and Evaluation of the BRD Curriculum and On-farm Assessment of BRD Risk From the WSU BEEF Team. Western Center for Risk Management. \$51,954. P.I.: D. A. Moore and A. Allen. Collaborators: C. Beus, D. Collins, J. DeVries, F. Hendrix, S. Kerr, T. Hudson, D. Llewellyn, D. Nelson, **S. M. Smith**, and J. R. Wentz. (7/13-12/14) **(5; \$5,000)**.

Low-Stress Cattle Handling Training: Identifying and Managing Risk In The Work Force and Cattle Herds. Western Center for Risk Management. \$28,683. P.I.: **S. M. Smith**. Co-P.I.: T. Platt and D. Llewellyn. (7/12-6/13) **(1,2, 3, 4, 5; \$28,683)**

Identifying and Managing Risk In Livestock Finishing, Direct Market Meat Enterprises. Western Center for Risk Management. \$49,697. P.I.: T. Platt. Co-P.I.: **S. M. Smith**. (7/12-6/13) **(2, 3, 5; \$25,000)**

Bovine Respiratory Disease Prevention from Bloodline to Fenceline. BRD CAP Grant. \$50,000. P. I.: D. A. Moore and A. Allen. Collaborators: C. Beus, J. Field, R. Kasimanickam, D. Llewellyn, D. Moore, J. Neiberger, D. Nelson, **S. Smith**, and J. Wenz. (1/12-12/12) **(2, 5; \$5,000)**

Washington State University Extension Sheep Production and Management Courses: Enhancing Knowledge and Skills To Promote Production and Marketing To Grow The Sheep Industry. National Sheep Industry Improvement Center Grant. \$20,362.50. P. I.: **S. M. Smith** Co-P.I.: J. Busboom, J. Schmidt, M. Heitstuman, S. Kerr, J. S. Neiberger, and M. Nelson. (11/11-12/12) **(1, 2, 3, 4, 5; \$20,362.50)**

WSU/UI BEEF 300 Outreach Program. Idaho Beef Council Funding. \$1,500. P.I.: **S. M. Smith** and J. Busboom. Co-PI: J. Schmidt, M. Heitstuman, S. Kerr, J. S. Neiberger, and M. Nelson. (7/11-6/12) **(1, 2, 3, 4, 5; \$1,500)**

WSU/UI BEEF 300 Outreach Program. Washington State Beef Commission. \$1,500. P.I.: **S. M. Smith** and J. Busboom. Co-PI: J. Schmidt, M. Heitstuman, S. Kerr, J. S. Neibergs, and M. Nelson. (7/11-6/12) **(1, 2, 3, 4, 5; \$1,500)**

Beef Heifer Synchronized Cycling: An Event to Improve Conception Rates. WSU Extension Mini Grant. \$5,000. P. I.: R. D. Kasimanickman and Moore. Co P.I.: **S. M. Smith** and S. Kerr. (1/10-12/12) **(2, 5; \$1,250)**

Columbia Basin Sheep Producer's Shearing Trailer Improvements. Lauzier Foundation Grant. \$10,000. P. I. J. Richardson and **S. M. Smith**. (5/09-04/10) **(1, 2, 3, 4, 5; \$10,000)**

Impact of Health Records on Cow-Calf Operations. National Cattlemen Beef Association, Quality Assurance Program. \$10,000. P.I.: Moore, D. and J. Busboom. Collaborators: D. Nelson, S. Smith, J. Smith, S. Neibergs, J. Schmidt, M. Heitstuman, N. Suverly, J. Fouts, T. Hudson, E. Field, and J. Field. (9/08-8/09) **(2, 4; \$1,000)**

Western Regional Beef Quality Assurance and Washington Market Cow Audit. National Cattlemen Beef Association, Quality Assurance Program. \$10,000. P.I.: J. Busboom and D. A. Moore. Co-P.I.: S. Neibergs, D. Nelson, **S. Smith**, J. Smith, T. Hudson and N. Suverly. (9/07-8/08) **(2, 5; \$1,500)**

Columbia Basin Sheep Producer's Shearing Trailer Modification. Lauzier Foundation Grant. \$10,000. P. I. J. Richardson and **S. M. Smith**. (1/08-12/08) **(1, 2, 3, 4, 5; \$8,000)** *Granted-Returned*

B. Gifts and Awards

Northwest Jr. Sheep Exposition Non-Cash Donation. Businesses and Producers. \$2,375. P.I.: **S. M. Smith** and Co-P.I.: S. Mortimer, J. Busboom, M. Heitstuman, and P. Kuber. (1/22-12/22) **(1, 4, 5; \$2,375)**

WSU Extension Swine Programming and Outreach. Washington Pork Producers. \$5,000. P.I. **S. M. Smith**. (1/22-12/22) **(1, 2, 3, 4, 5; \$5,000)**

WSU Extension Sheep Shearing Programming and Professional Development. Washington Wool Growers Auxiliary. \$750. P.I.: **S. M. Smith**. (1/21-12/21) **(1, 2, 4, 5; \$750)**.

WSU Extension Sheep Shearing Programming and Professional Development. Goodwin Shearing Company. \$100. P.I.: **S. M. Smith**. (1/21-12/21) **(1, 2, 4, 5; \$100)**.

WSU Extension Sheep Shearing Wool Outreach. Washington State Sheep Producers and American Wool Council. \$1797. P.I.: **S. M. Smith**. (1/21-12/21) **(1, 2, 3, 4, 5; \$1797)**

Northwest Jr. Sheep Exposition Non-Cash Donation. Businesses and Producers. \$2,375. P.I.: **S. M. Smith** and Co-P.I.: S. Mortimer, J. Busboom, M. Heitstuman, and P. Kuber. (1/21-12/21) **(1, 4, 5; \$2,375)**

WSU Extension Swine Programing and Outreach: SDSU/WSU in the Barn Series. Washington Pork Producers and National Pork Board. \$5, 000. P.I. **S. M. Smith**. (1/21-12/21) **(1, 2, 3, 4, 5; \$2,000)**

WSU Extension Sheep Shearing Programming and Professional Development. Washington Wool Growers Auxiliary. \$500. P.I.: **S. M. Smith.** (1/21-12/21) **(1, 2, 4, 5; \$500).**

WSU Extension Sheep Shearing Wool Outreach. Washington State Sheep Producers and American Wool Council. \$300. P.I.: **S. M. Smith.** (1/21-12/21) **(1, 2, 3, 4, 5; \$300)**

WSU Extension Swine Programming and Outreach. Washington Pork Producers. \$2,000. P.I. **S. M. Smith.** (1/20-12/21) **(1, 2, 3, 4, 5; \$2,000)**

Needlefree Syringe Field Study for Sheep Producers: Impact Labor and Safety. Washington Wool Growers Auxiliary. \$1500. P.I.: S. M. Smith and Co-P.I.: M. Maquivar. (11/19-11/20) (1, 2, 3, 4, 5; \$1,500)

Northwest Jr. Sheep Exposition Non-Cash Donation. Businesses and Producers. \$1,506. P.I.: **S. M. Smith** and Co-P.I.: S. Mortimer, J. Busboom, M. Heitstuman, and P. Kuber. (1/19-12/19) **(1, 4, 5; \$1,506)**

WSU Extension Swine Youth Programming and Outreach. Washington Pork Producers. \$2,000. P.I. **S. M. Smith.** (1/19-12/19) **(1, 2, 3, 4, 5; \$2,000)**

WSU Extension Sheep Shearing Wool Outreach. Washington State Sheep Producers and American Wool Council. \$1,797. P.I.: **S. M. Smith.** (1/19-12/19) **(1, 2, 3, 4, 5; \$1,797)**

WSU Extension Grant/Adams Area Beef Cattle Programming. Grant County Cattlemen's Association. \$350. P.I.: **S. M. Smith.** (1/19-12/19) **(1, 2, 4, 5; \$350).**

WSU Extension Sheep Shearing Programming and Professional Development. Washington Wool Growers Auxiliary. \$500. P.I.: **S. M. Smith.** (1/19-12/19) **(1, 2, 4, 5; \$500).**

Northwest Jr. Sheep Exposition Non-Cash Donation. Businesses and Producers. \$2,365. P.I.: **S. M. Smith** and Co-P.I.: S. Mortimer, J. Busboom, M. Heitstuman, and P. Kuber. (1/18-12/18) **(1, 4, 5; \$2,805)**

WSU Extension Swine Youth Programming and Outreach. Washington Pork Producers. \$2000. P.I. **S. M. Smith.** (1/18-12/18) **(1, 2, 3, 4, 5; \$2,000)**

WSU Extension Sheep Shearing Wool Outreach. Washington State Sheep Producers and American Wool Council. \$1,797. P.I.: **S. M. Smith.** (1/18-12/18) **(1, 2, 3, 4, 5; \$1,797)**

WSU Extension Grant/Adams Area Beef Cattle Programming. Grant County Cattlemen's Association. \$350. P.I.: **S. M. Smith.** (1/18-12/18) **(1, 2, 4, 5; \$350).**

WSU Extension Sheep Shearing Programming and Professional Development. Washington Wool Growers Auxiliary. \$300. P.I.: **S. M. Smith.** (1/18-12/18) **(1, 2, 4, 5; \$300).**

Northwest Jr. Sheep Exposition Non-Cash Donation. Businesses and Producers. \$2,805. P.I.: **S. M. Smith** and Co-P.I.: S. Mortimer, J. Busboom, M. Heitstuman, and P. Kuber. (1/17-12/17) **(1, 4, 5; \$2,805)**

WSU Extension Sheep Shearing Wool Outreach. Washington State Sheep Producers and American Wool Council. \$1,797. P.I.: **S. M. Smith**. (1/17-12/17) **(1, 2, 3, 4, 5; \$1,797)**

WSU Extension Grant/Adams Area Beef Cattle Programming. Grant County Cattlemen's Association. \$350. P.I.: **S. M. Smith**. (1/17-12/17) **(1, 2, 4, 5; \$350)**.

WSU Extension Sheep Shearing Programming and Professional Development. Washington Wool Growers Auxiliary. \$300. P.I.: **S. M. Smith**. (1/17-12/16) **(1, 2, 4, 5; \$300)**.

Northwest Jr. Sheep Exposition Non-Cash Donation. Businesses and Producers. \$1,904.80. P.I.: **S. M. Smith** and Co-P.I.: S. Mortimer, J. Busboom, M. Heitstuman, and P. Kuber. (1/16-12/16) **(1, 4, 5; \$1,904.80)**

WSU Extension Sheep Shearing Wool Outreach. Washington State Sheep Producers and American Wool Council. \$1,797. P.I.: **S. M. Smith**. (1/16-12/16) **(1, 2, 3, 4, 5; \$1,797)**.

WSU Extension Swine Program and Outreach. Washington State Swine Producers. \$500. P.I.: **S. M. Smith**. (1/16-12/16) **(1, 2, 3, 4, 5; \$500)**.

WSU Extension Grant/Adams Area Beef Cattle Programming. Grant County Cattlemen's Association. \$350. P.I.: **S. M. Smith**. (1/16-12/16) **(1, 2, 4, 5; \$350)**.

WSU Extension Sheep Shearing Programming and Professional Development. Washington Wool Growers Auxiliary. \$300. P.I.: **S. M. Smith**. (1/16-12/16) **(1, 2, 4, 5; \$300)**.

Northwest Jr. Sheep Exposition Non-Cash Donation. Businesses and Producers. \$2,063.76. P.I.: **S. M. Smith** and Co-P.I.: S. Mortimer, J. Busboom, and M. Heitstuman. (1/15-12/15) **(1, 4, 5; \$2,063.76)**

Livestock Stockmanship: Low-Stress Animal Handling "How-To" Videos. CAHNRS Undergraduate Internship for 2015. Washington State University. \$4,000. Co-P.I.: J. Busboom and **S. M. Smith**. (1/15-6/15) **(1, 2, 3, 4, 5; \$4,000)**.

WSU Extension Sheep Shearing Programming and Mentoring Development. Washington State Sheep Producers. \$2,779. P.I.: **S. M. Smith**. (1/15-12/15) **(1, 2, 3, 4, 5; \$2,779)**.

WSU Extension Swine Program and Outreach. Washington State Swine Producers. \$500. P.I.: **S. M. Smith**. (1/15-12/15) **(1, 2, 3, 4, 5; \$500)**.

WSU Extension Sheep Shearing Programming and Professional Development. Washington Wool Growers Auxiliary. \$350. P.I.: **S. M. Smith**. (1/15-12/15) **(1, 2, 4, 5; \$350)**.

WSU Extension Grant/Adams Area Beef Cattle Programming. Grant County Cattlemen's Association. \$300. P.I.: **S. M. Smith**. (1/15-12/15) **(1, 2, 4, 5; \$300)**.

WSU Extension Sheep Shearing Programming and Mentoring Development. Washington State Sheep Producers. \$2,779. P.I.: **S. M. Smith.** (1/14-12/14) **(1, 2, 3, 4, 5; \$2,779).**

Livestock Stockmanship: Low-Stress Animal Handling “How-To” Videos. CAHNRS Undergraduate Internship for 2014. Washington State University. \$2,500. P.I.: **S. M. Smith.** (1/14-6/14) **(1, 2, 3, 4, 5; \$2,500).**

WSU Extension Swine Program and Outreach. Washington State Swine Producers. \$1,000. P.I.: **S. M. Smith.** (1/14-12/14) **(1, 2, 3, 4, 5; \$1,000).**

Northwest Jr. Sheep Exposition Non-Cash Donation. Businesses and Producers. \$959. P.I.: **S. M. Smith** and Co-P.I.: S. Mortimer, J. Busboom, and M. Heitsuman. (1/14-12/14) **(1, 4, 5; \$959)**

Northwest Jr. Sheep Exposition Development Funds. Washington State Sheep Producers and Washington Wool Growers Auxiliary. \$850. P.I.: **S. M. Smith** and Co-P.I.: S. Mortimer, J. Busboom, and M. Heitsuman. (1/14-12/14) **(1, 2, 4, 5; \$850).**

WSU Extension Sheep Shearing Programming and Professional Development. Washington Wool Growers Auxiliary. \$350. P.I.: **S. M. Smith.** (1/14-12/14) **(1, 2, 4, 5; \$350).**

WSU Extension Grant/Adams Area Beef Cattle Programming. Grant County Cattlemen’s Association. \$300. P.I.: **S. M. Smith.** (1/14-12/14) **(1, 2, 4, 5; \$300).**

Northwest Jr. Sheep Exposition Non-Cash Donation. Businesses and Producers. \$2,080.86. P.I.: **S. M. Smith** and Co-P.I.: S. Mortimer, J. Busboom, and M. Heitsuman. (1/13-12/13) **(1, 4, 5; \$2,080.86)**

WSU Extension Sheep Shearing Programming and Mentoring Development. Washington State Sheep Producers. \$2,850. P.I.: **S. M. Smith.** (1/13-12/13) **(1, 2, 3, 4, 5; \$2,850).**

WSU Extension Swine Programming and Outreach. Washington Pork Producers. \$1,500. P.I.: **S. M. Smith.** (1/13-12/13) **(1, 2, 4, 5; \$1,500).**

Northwest Jr. Sheep Exposition Development Funds. Washington State Sheep Producers and Washington Wool Growers Auxiliary. \$850. P.I.: **S. M. Smith.** (1/13-12/13) **(1, 2, 4, 5; \$850).**

WSU Extension Sheep Shearing Programming and Professional Development. Washington Wool Growers Auxiliary. \$350. P.I.: **S. M. Smith.** (1/13-12/13) **(1, 2, 4, 5; \$350).**

WSU Extension Grant/Adams Area Beef Cattle Programming. Grant County Cattlemen’s Association. \$300. P.I.: **S. M. Smith.** (1/13-12/13) **(1, 2, 4, 5; \$300).**

WSU Extension Swine Programming and Outreach. Washington Pork Producers. \$2,250. P.I.: **S. M. Smith.** (1/12-12/12) **(1, 2, 4, 5; \$2,250).**

Northwest Jr. Sheep Exposition Non-Cash Donation. Businesses and Producers. \$1,768. P.I.: **S. M. Smith** and Co-P.I.: S. Mortimer, J. Busboom, M. Heitsuman, and J. Schmidt. (1/12-12/12) **(1, 4, 5; \$1,768)**

WSU Extension Sheep Shearing Programming and Professional Development. Washington State Sheep Producers. \$900. P.I.: **S. M. Smith.** (1/12-12/12) **(1, 2, 4, 5; \$900).**

WSU Extension Sheep Shearing Programming and Professional Development. Washington Wool Growers Auxiliary. \$350. P.I.: **S. M. Smith.** (1/12-12/12) **(1, 2, 4, 5; \$350).**

WSU Extension Grant/Adams Area Beef Cattle Programming. Grant County Cattlemen's Association. \$300. P.I.: **S. M. Smith.** (1/12-12/12) **(1, 2, 4, 5; \$300).**

WSU Extension Sheep Shearing Wool Outreach. Washington State Sheep Producers and American Wool Council. \$1,797. P.I.: **S. M. Smith** and M. Parrish. (1/11-12/11) **(1, 2, 3, 4, 5; \$1,797).**

Washington Westside Pork to Fork Program. Washington Pork Producers. \$1,000. P.I.: **S. M. Smith.** Co-P.I.: J. Schmidt and M. Heitstuman. (1/11-12/11) **(1, 2, 4, 5; \$1000).**

WSU Extension Sheep Shearing Wool Outreach. Dave and Julie Dashiell. \$820. P.I.: **S. M. Smith.** (1/11-12/11) **(1, 2, 4, 5; \$820).**

WSU Extension Swine Programming and Outreach. Washington Pork Producers. \$750. P.I.: **S. M. Smith.** (1/11-12/11) **(1, 2, 4, 5; \$750).**

WSU Extension Sheep Shearing Programming and Professional Development. Washington Wool Growers Auxiliary. \$350. P.I.: **S. M. Smith.** (1/11-12/11) **(1, 2, 4, 5; \$350).**

WSU Extension Grant/Adams Area Beef Cattle Programming. Grant County Cattlemen's Association. \$300. P.I.: **S. M. Smith.** (1/11-12/11) **(1, 2, 4, 5; \$300).**

Northwest Jr. Sheep Exposition Non-Cash Donation. Businesses and Producers. \$1,675. P.I.: **S. M. Smith** and Co-P.I.: S. Mortimer, J. Busboom, M. Heitstuman, and J. Schmidt. (1/11-12/11) **(1, 4, 5; \$1,675)**

Washington Animal Agriculture Team Newsletter. National Communication National Award Winner for Team Newsletter. \$500. P.I.: S. Kerr. Co P.I.: T. Hudson, H. Ferguson, **S. M. Smith**, D. Moberg-Williams, J. S. Neibergs, D. A. Moore, J. Fouts, and W. Hendrix. (1/11-12/11) **(2; \$50)**

Northwest Jr. Sheep Exposition Non-Cash Donation. Businesses and Producers. \$2,190. P.I.: **S. M. Smith** and Co-P.I.: S. Mortimer, J. Busboom and M. Heitstuman. (1/10-12/10) **(1, 4, 5; \$2,190)**

WSU Extension Sheep Shearing Wool Outreach. Washington State Sheep Producers and American Wool Council. \$1,797. P.I.: **S. M. Smith** and M. Parrish. (1/10-12/10) **(1, 2, 3, 4, 5; \$1,797).**

WSU Extension Swine Programming and Outreach. Washington Pork Producers. \$750. P.I.: **S. M. Smith.** (1/10-12/10) **(1, 2, 4, 5; \$750).**

WSU Extension Sheep Shearing Programming and Professional Development. Washington Wool Growers Auxiliary. \$350. P.I.: **S. M. Smith.** (1/10-12/10) **(1, 2, 4, 5; \$350).**

Northwest Jr. Sheep Exposition Non-Cash Donation. Businesses and Producers. \$2,430. P.I.: **S. M. Smith** and Co-P.I.: S. Mortimer, J. Busboom and M. Heitstuman. (1/09-12/09) **(1, 4, 5; \$2,430)**

WSU Extension Sheep Shearing Wool Outreach. Washington State Sheep Producers and American Wool Council. \$1,230. P.I.: **S. M. Smith** and J. Beintema. (1/09-12/09) **(1, 2, 3, 4, 5; \$1,230)**.

WSU Extension Swine Programming and Outreach. Washington Pork Producers. \$850. P.I.: **S. M. Smith**. (1/09-12/09) **(1, 2, 4, 5; \$850)**.

WSU Extension Sheep Shearing Programming and Professional Development. Washington Wool Growers Auxiliary. \$300. P.I.: **S. M. Smith**. (1/09-12/09) **(1, 2, 4, 5; \$300)**.

WSU Extension Grant/Adams Area Beef Cattle Programming. Grant County Cattlemen's Association. \$300. P.I.: **S. M. Smith**. (1/09-12/09) **(1, 2, 4, 5; \$300)**.

Northwest Jr. Sheep Exposition Non-Cash Donation. Businesses and Producers. \$1,685. P.I.: **S. M. Smith** and Co-P.I.: S. Mortimer, J. Busboom and M. Heitstuman. (1/08-12/08) **(1, 4, 5; \$1,685)**

WSU Extension Sheep Shearing Wool Outreach. Washington State Sheep Producers and American Wool Council. \$1,138. P.I.: **S. M. Smith** and J. Beintema. (1/08-12/08) **(1, 2, 3, 4, 5; \$1,138)**.

WSU Extension Swine Programming and Outreach. Washington Pork Producers. \$600. P.I.: **S. M. Smith**. (1/08-12/08) **(1, 2, 4, 5; \$600)**.

WSU Extension Sheep Shearing Programming and Professional Development. Washington Wool Growers Auxiliary. \$300. P.I.: **S. M. Smith**. (1/08-12/08) **(1, 2, 4, 5; \$300)**.

Washington Swine Nutrition and Genetic Research. Pacific Northwest Swine Research Fund. \$12,000. P.I.: J. McNamara. Co-P.I.: **S. M. Smith** and Z. Jiang. (1/07-12/07) **(2, 3, 5; \$3,000)**

WSU Extension Sheep Shearing Wool Outreach. Washington State Sheep Producers and American Wool Council. \$2,300 P.I.: **S. M. Smith** and J. Beintema. (1/07-12/07) **(1, 2, 3, 4, 5; \$2,300)**.

WSU Extension Shearing School: Camelid Shearing Education. Alpaca Association of Western Washington. \$1000. P.I.: **S. M. Smith**. (1/07-12/07) **(1, 2, 3, 4, 5; \$1,000)**

WSU Extension Swine Programming and Outreach. Washington Pork Producers. \$600. P.I.: **S. M. Smith**. (1/07-12/07) **(1, 2, 4, 5; \$600)**.

WSU Extension Sheep Shearing Programming and Professional Development. Washington Wool Growers Auxiliary. \$300. P.I.: **S. M. Smith**. (1/07-12/07) **(1, 2, 4, 5; \$300)**.

Washington Beef Quality Assurance Development and Training. National Cattlemen's Beef Association. \$11,000. P.I.: J. Busboom and J. Smith. Co-P.I.: E. Field, P. Brumback and **S. M. Smith**. (1/06-12/06) **(2, 5; \$2,500)**.

WSU Extension Sheep Shearing Wool Outreach. Washington State Sheep Producers and American Wool Council. \$1,817 P.I.: **S. M. Smith** and J. Beintema. (1/06-12/06) **(1, 2, 3, 4, 5; \$1,817)**.

WSU Extension Shearing School: Camelid Demonstration. Alpaca Association of Western Washington. \$1,000 P.I.: **S. M. Smith.** (1/06-12/06) **(1, 2, 3, 4, 5; \$1,000).**

WSU Extension Swine Programming and Outreach. Washington Pork Producers. \$500. P.I.: **S. M. Smith.** (1/06-12/06) **(1, 2, 4, 5; \$500).**

Corn Mycotoxin Testing and Concerns. Washington Pork Producers. \$383.50. P.I.: J. Froseth. Co-P.I.: **S. M. Smith** and J. Smith. (1/06-12/06) **(1, 2, 4, 5; \$383.50).**

WSU Extension Sheep Shearing Programming and Professional Development. Washington Wool Growers Auxiliary. \$250. P.I.: **S. M. Smith.** (1/06-12/06) **(1, 2, 4, 5; \$250).**

WSU Extension Sheep Shearing Programming and Professional Development. Washington State Sheep Producers. \$250. P.I.: **S. M. Smith.** (1/06-12/06) **(1, 2, 4, 5; \$250).**

C. Program Revenue Generation and Sponsorships

Washington State Sheep Producers Shearing School Equipment, Transportation and Animal Use. Area Producers and Columbia Basin Sheep Producers Association. \$2500 annually. P. I.: **S. M. Smith.** (01/06-present) **(1, 2, 3, 4, 5; \$2,500 annually)**

American Sheep Industry Executive Director, Region 8 Representative. Representative to Industry Opportunities and Challenges and Professional Development. Travel Funds. American Sheep Industry. \$7500 annually. P.I.: S. M. Smith (01/19-present) (1, 2, 3, 4, 5: \$7,500 annually)

Youth for The Quality Care of Animals, Executive Board Member. Representative to American Sheep Industry for development and delivery of YQCA. Travel Funds. American Sheep Industry. \$3500 annually. P.I.: S. M. Smith (01/22-present) (1, 2, 3, 4, 5: \$3,500 annually)

Northwest Jr. Sheep Exposition. Sponsorships and Program Fees. State Organizations and Producers. \$4075. P.I.: **S. M. Smith** and Co-P.I.: S. Mortimer, J. Busboom, M. Heitstuman, and P. Kuber. (7/20) **(2, 4, 5; \$10,595).**

Washington State Swine Programming and Professional Development. Travel Funds. National Pork Board. \$2000 annually. P.I. **S. M. Smith.** (1/07-12/2021) **(5; \$2,000 annually)**

Northwest Jr. Sheep Exposition. Sponsorships and Program Fees. State Organizations and Producers. \$4075. P.I.: **S. M. Smith** and Co-P.I.: S. Mortimer, J. Busboom, M. Heitstuman, and P. Kuber. (7/20) **(2, 4, 5; \$4,075).**

Northwest Jr. Sheep Exposition. Sponsorships and Program Fees. State Organizations and Producers. \$7000. P.I.: **S. M. Smith** and Co-P.I.: S. Mortimer, J. Busboom, M. Heitstuman, and P. Kuber. (7/20) **(2, 4, 5; \$7,000).**

Washington Pork Producers Swine Information Day. Sponsorship and Program Fees. National Pork Board, Des Moines, IA and participants. \$5,000. P.I.: **S. M. Smith** and Co-P.I.: J. Schmidt. (2/2019) **(1, 2, 4, 5; \$4,490).**

Washington State Sheep and Wool Programming and Professional Development. Travel Funds. American Sheep Industry Wool Council. \$4000. P.I. **S. M. Smith**. (1/12-1/19) **(5; \$4,000 annually)**

Cow/Calf Beef Quality Assurance Training. Sponsorship. Grant County Cattlemen's Association. \$250. P. I.: S. M. Smith and Co-P.I. M. Maquivar. (12/19) (1, 2, 3, 4, 5; 250)

Transporter Beef Quality Assurance Training. Sponsorship. Washington State Cattle Feeders Association. \$500. P. I. S. M. Smith and Co-P.I. M. Maquivar. (12/19) (1, 2, 3, 4, 5; \$500)

Feedlot Beef Quality Assurance Training. Sponsorship. Washington State Cattle Feeders Association. \$3,500. P.I.: S. M. Smith and Co –P.I. M. Maquivar. (6/19-12/19) (1, 2, 3, 4, 5; \$2500)

Grant County Fair Steers Beef Bucks Seminar. Sponsorship. Grant County Fair 4-H/FFA Livestock Sale Committee. \$2,441. P.I.: **S. M. Smith**. (11/18) **(2, 3, 5; \$2,441)**

Evergreen Jr. Angus Judging Clinic and Contest. Washington Angus Association. \$1,000. P.I. S. M. Smith (10/19) **(5; \$1,000)**

Northwest Jr. Sheep Exposition. Sponsorships and Program Fees. State Organizations and Producers. \$11,210. P.I.: **S. M. Smith** and Co-P.I.: S. Mortimer, J. Busboom, M. Heitstuman, and P. Kuber. (7/19) **(2, 4, 5; \$11,210)**.

Washington State Sheep Shearing School. Program Fees and Sponsorship. \$6,000. P.I.: **S. M. Smith**. (4/19) **(1, 2, 4, 5; \$6,000)**.

Washington Pork Producers Swine Information Day. Sponsorship and Program Fees. National Pork Board, Des Moines, IA and participants. \$4,490. P.I.: **S. M. Smith** and Co-P.I.: J. Busboom and J. Schmidt. (2/19) **(1, 2, 4, 5; \$4,490)**.

Evergreen Jr. Angus Judging Clinic and Contest. Washington Angus Association. \$1,000. P.I. S. M. Smith (10/18) **(5; \$1,000)**

Grant County Fair Steers Beef Bucks Seminar. Sponsorship. Grant County Fair 4-H/FFA Livestock Sale Committee. \$1,811. P.I.: **S. M. Smith**. (10/18) **(2, 3, 5; \$1,811)**

Northwest Jr. Sheep Exposition. Sponsorships and Program Fees. State Organizations and Producers. \$9,185. P.I.: **S. M. Smith** and Co-P.I.: S. Mortimer, J. Busboom, M. Heitstuman, and P. Kuber. (7/18) **(2, 4, 5; \$9,185)**.

Washington State Sheep Shearing School. Program Fees and Sponsorship. \$6,250. P.I.: **S. M. Smith**. (4/18) **(1, 2, 4, 5; \$6,250)**.

Washington Pork Producers Swine Information Day. Sponsorship and Program Fees. National Pork Board, Des Moines, IA and participants. \$5,190. P.I.: **S. M. Smith** and Co-P.I.: J. Busboom and J. Schmidt. (2/18) **(1, 2, 4, 5; \$5,190)**.

Grant County Fair Steers Beef Bucks Seminar. Sponsorship. Grant County Fair 4-H/FFA Livestock Sale Committee. \$1,351. P.I.: **S. M. Smith**. (12/17) **(2, 3, 5; \$1,351)**

Grant County Cattlemen's Meeting and Educational Outreach. Sponsorship. Multimin USA. \$350. P.I.: **S. M. Smith**. (10/17) **(2, 3, 5; \$350)**

Evergreen Jr. Angus Judging Clinic and Contest. Washington Angus Association. \$1,000. P.I. **S. M. Smith** (10/17) **(5; \$1,000)**

Northwest Jr. Sheep Exposition. Sponsorships and Program Fees. State Organizations and Producers. \$8,968. P.I.: **S. M. Smith** and Co-P.I.: S. Mortimer, J. Busboom, M. Heitstuman, and P. Kuber. (7/17) **(2, 4, 5; \$8,968)**.

Washington State Sheep Shearing School. Program Fees and Sponsorship. \$6,512. P.I.: **S. M. Smith**. (4/17) **(1, 2, 4, 5; \$6,512)**.

Washington Pork Producers Swine Information Day. Sponsorship and Program Fees. National Pork Board, Des Moines, IA and participants. \$6,010. P.I.: **S. M. Smith** and Co-P.I.: J. Busboom and J. Schmidt. (2/17) **(1, 2, 4, 5; \$6,010)**.

Beef Herd Economic Workshop. Sponsorships. \$1,500. P.I.: B. Feuz, **and S. M. Smith** and Co-P.I.: Grant County Cattlemen's Association, Grant County Cattlemen's Association and Northwest Farm Credit Services (1/17) **(4, 5; \$1,500)**.

Grant County Fair Steers Beef Bucks Seminar. Sponsorship. Grant County Fair 4-H/FFA Livestock Sale Committee. \$2,021. P.I.: **S. M. Smith**. (12/16) **(2, 3, 5; \$2,021)**

Wyoming LAMB 300 Sponsorships and Participants. \$10,350. P.I.: J. Busboom, L. Eidman, W. Means and **S. M. Smith** and Co-P.I.: M. Heitstuman, J. Schmidt, S. Neibergs, P. Kuber and M. Nelson. (11/16) **(1, 2, 4, 5; \$4,350)**.

Grant County Cattlemen's Annual Meeting and Educational Outreach. Sponsorship. Multimin USA. \$1,276. P.I.: **S. M. Smith**. (10/16) **(2, 3, 5, \$1,276)**

Evergreen Jr. Angus Judging Clinic and Contest. Washington Angus Association. \$1,000. P.I. **S. M. Smith** (10/16) **(5; \$1,000)**.

Northwest Jr. Sheep Exposition. Sponsorships and Program Fees. State Organizations and Producers. \$7,879. P.I.: **S. M. Smith** and Co-P.I.: S. Mortimer, J. Busboom, M. Heitstuman, and P. Kuber. (7/16) **(2, 4, 5; \$7,879)**.

California LAMB 300. Sponsorships and Participants. \$10,110. P.I.: J. Busboom, L. Eidman, **and S. M. Smith** and Co-P.I.: M. Heitstuman, W. Mean, J. Schmidt, S. Neibergs, P. Kuber and M. Nelson. (6/16) **(1, 2, 4, 5; \$5,270)**.

Washington State Sheep Shearing School. Program Fees and Sponsorship. \$4,615. P.I.: **S. M. Smith**. (4/16) **(1, 2, 4, 5; \$4,615)**.

Washington Pork Producers Swine Information Day. Sponsorship and Program Fees. National Pork Board, Des Moines, IA and participants. \$5,655. P.I.: **S. M. Smith** and Co-P.I.: J. Busboom and J. Schmidt. (2/16) **(1, 2, 4, 5; \$5,655)**.

Let's Grow The PNW Sheep Industry Symposiums. Sponsorships and Participants. \$7,500. P.I.: J. Busboom, G. Pirelli **and S. M. Smith** and Co-P.I.: P. Kuber, L. Eidman and A. Cullum. (11/15-12/15) **(1, 2, 4, 5; \$5,270)**.

Grant County Fair Steers Beef Bucks Seminar. Sponsorship. Grant County Fair 4-H/FFA Livestock Sale Committee. \$2,872. P.I.: **S. M. Smith**. (10/15) **(2, 3, 5; \$2,872)**

Northwest Jr. Sheep Exposition. Sponsorships and Program Fees. State Organizations and Producers. \$8,411. P.I.: **S. M. Smith** and Co-P.I.: S. Mortimer, J. Busboom, M. Heitstuman, and P. Kuber. (7/15) **(2, 4, 5; \$8,411)**.

OSU/WSU LAMB 300. Sponsorships and Participants. \$10,770. P.I.: J. Busboom, G. Pirelli, and **S. M. Smith** and Co-P.I.: M. Heitstuman, J. Schmidt, S. Neibergs, P. Kuber and M. Nelson. (7/15) **(1, 2, 4, 5; \$5,270)**.

WSU Low-Stress Cattle Handling Seminars. Program Fees. \$4,615. P.I.: **S. M. Smith** and Co-P.I.: D. Llewellyn. (4/15-5/15) **(1, 2, 4, 5; \$4,615)**.

Washington State Sheep Shearing School. Program Fees. \$3,465. P.I.: **S. M. Smith**. (4/15) **(1, 2, 4, 5; \$3,465)**.

Washington Pork Producers Swine Information Day. Sponsorship and Program Fees. National Pork Board, Des Moines, IA and participants. \$5,830. P.I.: **S. M. Smith** and Co-P.I.: J. Busboom and J. Schmidt. (2/15) **(1, 2, 4, 5; \$5,830)**.

Grant County Fair Steers Beef Bucks Seminar. Sponsorship. Grant County Fair 4-H/FFA Livestock Sale Committee. \$2,410. P.I.: **S. M. Smith**. (10/14) **(2, 3, 5; \$2,410)**

Northwest Jr. Sheep Exposition. Sponsorships and Program Fees. State Organizations and Producers. \$6,620. P.I.: **S. M. Smith** and Co-P.I.: S. Mortimer, J. Busboom, and M. Heitstuman. (7/14) **(2, 4, 5; \$6,620)**.

WSU/UI BEEF 300. Sponsorships and Participants. \$22,800. P.I.: J. Busboom **and S. M. Smith** and Co-P.I.: M. Heitstuman, J. Schmidt, S. Neibergs, and M. Nelson. (6/14) **(2, 4, 5; \$22,800)**.

WSU Low-Stress Cattle Handling Video. DVD Sales. \$200. P.I.: **S. M. Smith** and Co-P.I.: D. Llewellyn. (6/14-12/14) **(2, 4, 5; \$200)**.

Washington State Sheep Shearing School. Program Fees. \$3,600. P.I.: **S. M. Smith**. (4/14) **(2, 4, 5; \$3,600)**.

Washington Pork Producers Swine Information Day. Sponsorship and Program Fees. National Pork Board, Des Moines, IA and participants. \$4,260. P.I.: **S. M. Smith** and Co-P.I.: J. Schmidt. (2/14) **(2, 4, 5; \$4,260)**.

WSU LAMB 200 Short-Course. Program Fees. \$2,600. P.I.: **S. M. Smith** and Co-P.I.: J. Busboom, M. Heitstuman, J. Schmidt, S. Neibergs, and M. Nelson. (1/14) **(2, 4, 5; \$2,600)**.

Northwest Jr. Sheep Exposition. Sponsorships and Program Fees. State Organizations and Producers. \$6,705. P.I.: **S. M. Smith** and Co-P.I.: S. Mortimer, J. Busboom, and M. Heitstuman. (7/13) **(2, 4, 5; \$6,705)**.

WSU BEEF/LAMB/PORK 100 Workshops. Program Fees. \$1,815. P.I.: **S. M. Smith** and Co-P.I.: J. Busboom, M. Heitstuman, J. Schmidt, S. Neibergs, and M. Nelson. (6/13) **(2, 4, 5; \$1,815)**.

WSU/UI PORK 300. Sponsorships and Participants. \$7,275. P.I.: **S. M. Smith** and Co-P.I.: J. Busboom, M. Heitstuman, J. Schmidt, S. Neibergs, and M. Nelson. (5/13) **(2, 4, 5; \$7,275)**.

Washington State Sheep Shearing School. Program Fees. \$3,695. P.I.: **S. M. Smith**. (4/13) **(2, 4, 5; \$3,695)**.

Washington Pork Producers Swine Information Day. Sponsorship and Program Fees. National Pork Board, Des Moines, IA and participants. \$4,260. P.I.: **S. M. Smith** and Co-P.I.: J. Schmidt. (2/13) **(2, 4, 5; \$4,260)**.

WSU Extension Low-Stress Cattle Handling Seminars. Program Fees. \$5,120. P.I.: **S. M. Smith** and Co-P.I.: D. Llewellyn and T. Platt. (1/13) **(2, 4, 5; \$5,120)**.

WSU LAMB 200 Short-Course. Program Fees. \$2,845. P.I.: **S. M. Smith** and Co-P.I.: J. Busboom, M. Heitstuman, J. Schmidt, S. Neibergs, and M. Nelson. (1/13) **(2, 4, 5; \$2,845)**.

WSU LAMB 300 Cash Donations and Program Fees. Animal Use and Participants. \$3500. P.I.: **S. M. Smith** and J. Busboom. Co-P.I.: M. Heitstuman, J. Schmidt, J. S. Neibergs, and M. Nelson. (10/12) **(1, 2, 4, 5; \$3500)**

Low-Stress Cattle Handling Seminar for Confined Cattle Feeding Operations. Non-Cash Donations of Facility, Equipment, and Animal Use. Washington Cattle Feeders Association and Easterday Cattle Feeders \$2,000. P.I.: **S. M. Smith**. Co-P.I.: T. Platt and D. Llewellyn. (8/12) **(1, 2, 4, 5; \$2,000)**

Northwest Jr. Sheep Exposition. Sponsorships and Program Fees. State Organizations and Producers. \$5,955. P.I.: **S. M. Smith** and Co-P.I.: S. Mortimer, J. Busboom, and M. Heitstuman. (7/12) **(2, 4, 5; \$5,955)**.

WSU/UI Beef 300 Workshop Cash Donations and Program Fees. State Organizations and Participants. \$15,950. P.I.: **S. M. Smith** and J. Busboom. Co-P.I.: M. Heitstuman, J. Smith, J. Schmidt, J. S. Neibergs, M. Doumit, and R. Richards. (5/12) **(1, 2, 4, 5; \$15,950)**

Washington State Sheep Shearing School. Program Fees. \$5,720. P.I.: **S. M. Smith**. (4/12) **(1, 2, 4, 5; \$5,720)**.

WSU BEEF/LAMB/PORK 100 Cash Program Fees. \$2,460. P. I.: **S. M. Smith** and J. Busboom. Co-P.I.: M. Heitstuman, J. Schmidt, J. S. Neibergs, S. Kerr, and M. Nelson. (3/12) **(1, 2, 4, 5; \$2,460)**

Washington Pork Producers Swine Information Day. Sponsorship and Program Fees. National Pork Board, Des Moines, IA and participants. \$3,000. P.I.: **S. M. Smith** and Co-P.I.: J. Busboom and J. Schmidt. (2/12) **(1, 2, 4, 5; \$3,000)**.

WSU BEEF 200. Program Fees. \$1,985. P. I.: **S. M. Smith** and J. Busboom. Co-P.I: M. Heitstuman, J. Schmidt, J. S. Neibergs, S. Kerr, and M. Nelson. (9/11) **(1, 2, 4, 5; \$1,985)**

Northwest Jr. Sheep Exposition. Sponsorships and Program Fees. State Organizations and Producers. \$5,960. P.I.: **S. M. Smith** and Co-P.I.: S. Mortimer, J. Busboom, and M. Heitstuman. (7/11) **(2, 4, 5; \$5,960)**.

WSU BEEF/LAMB/PORK 100. Cash Donation and Program Fees. \$3,024. P. I.: **S. M. Smith** and J. Busboom. Co-P.I: M. Heitstuman, J. Schmidt, J. S. Neibergs, S. Kerr, and M. Nelson. (7/11) **(1, 2, 4, 5; \$3,024)**

Washington State Sheep Shearing School. Program Fees. \$3,535. P.I.: **S. M. Smith**. (4/11) **(1, 2, 4, 5; \$3,535)**.

Washington Pork Producers Swine Information Day. Sponsorship and Program Fees. National Pork Board, Des Moines, IA and participants. \$3,000. P.I.: **S. M. Smith** and Co-P.I.: J. Busboom and J. Schmidt. (2/11) **(1, 2, 4, 5; \$3,000)**.

WSU/UI BEEF 300 Cash Donations and Program Fees. State Organizations and Participants. \$10,300. P.I.: **S. M. Smith** and J. Busboom. Co-P.I.: M. Heitstuman, J. Schmidt, J. S. Neibergs, R. Richards, M. Doumit and M. Nelson. (1/11) **(1, 2, 4, 5; \$10,300)**

WSU LAMB 100. Program Fees and Sponsorship. \$3,635. P. I.: **S. M. Smith** and J. Busboom. Co-P.I: M. Heitstuman, J. Schmidt, J. S. Neibergs, S. Kerr, and G. Pile. (10/10) **(1, 2, 4, 5; \$1,985)**

Washington State University Extension and Washington Pork Producers Swine Artificial Insemination School. Cash Donation and Program fees. State organization and Participants. \$2,060. P.I.: **S. M. Smith** and T. Platt. Collaborator: D. N. Peters. (9/10) **(1, 2, 3, 4, 5; \$2060)**

Northwest Jr. Sheep Exposition. Sponsorships and Program Fees. State Organizations and Producers. \$5,385. P.I.: **S. M. Smith** and Co-P.I.: S. Mortimer, J. Busboom, and M. Heitstuman. (7/10) **(2, 4, 5; \$5,385)**.

Washington State Sheep Shearing School. Program Fees. \$3,580. P.I.: **S. M. Smith**. (4/10) **(1, 2, 4, 5; \$3,580)**.

Washington Pork Producers Swine Information Day. Sponsorship and Program Fees. National Pork Board, Des Moines, IA and participants. \$3,000. P.I.: **S. M. Smith** and Co-P.I.: J. Busboom and J. Schmidt. (2/10) **(1, 2, 4, 5; \$3,000)**.

WSU/UI LAMB 300 Cash Donations, Program Fees, and Sponsorship. State Organizations and Participants. \$5,750. P.I.: **S. M. Smith** and J. Busboom. Co-P.I.: M. Heitstuman, J. Schmidt, J. S. Neibergs, R. Richards, M. Doumit and M. Nelson. (10/09) **(1, 2, 4, 5; \$5,750)**

Northwest Jr. Sheep Exposition. Sponsorships and Program Fees. State Organizations and Producers. \$2,164. P.I.: **S. M. Smith** and Co-P.I.: S. Mortimer, J. Busboom, and M. Heitstuman. (7/09) **(2, 4, 5; \$2,164)**.

Washington State Sheep Shearing School. Program Fees. \$3,100. P.I.: **S. M. Smith**. (4/09) **(1, 2, 4, 5; \$3,100)**.

Washington Pork Producers Swine Information Day. Sponsorship and Program Fees. National Pork Board, Des Moines, IA and participants. \$3,000. P.I.: **S. M. Smith** and Co-P.I.: J. Busboom and J. Schmidt. (2/09) **(1, 2, 4, 5; \$3,000)**.

WSU/UI BEEF 300 Cash Donations, Program Fees, and Sponsorship. State Organizations and Participants. \$19,650. P.I.: **S. M. Smith** and J. Busboom. Co-P.I.: M. Heitstuman, J. Schmidt, J. S. Neibergs, R. Richards, M. Doumit and M. Nelson. (1/09) **(1, 2, 4, 5; \$19,650)**

Northwest Jr. Sheep Exposition. Sponsorships and Program Fees. State Organizations and Producers. \$5,410. P.I.: **S. M. Smith** and Co-P.I.: S. Mortimer, J. Busboom, and M. Heitstuman. (7/08) **(2, 4, 5; \$5,410)**.

Smith, S. M. 2008 Howard Wyman Sheep Industry Leadership School. National Lamb Feeders Association. \$1000. P.I.: **S. M. Smith**. (7/08) **(5; \$1000)**

Washington State Sheep Shearing School. Program Fees. \$3,500. P.I.: **S. M. Smith**. (4/08) **(1, 2, 4, 5; \$3,500)**.

Washington Pork Producers Swine Information Day. Sponsorship and Program Fees. National Pork Board, Des Moines, IA and participants. \$3,000. P.I.: **S. M. Smith** and Co-P.I.: J. Busboom and J. Schmidt. (2/08) **(1, 2, 4, 5; \$3,000)**.

WSU/UI BEEF 300 Cash Donations, Program Fees, and Sponsorship. State Organizations and Participants. \$18,000. P.I.: **S. M. Smith** and J. Busboom. Co-P.I.: M. Heitstuman, J. Schmidt, J. S. Neibergs, R. Richards, M. Doumit and M. Nelson. (10/07) **(1, 2, 4, 5; \$18,000)**

Northwest Jr. Sheep Exposition. Sponsorships and Program Fees. State Organizations and Producers. \$4,540. P.I.: **S. M. Smith** and Co-P.I.: S. Mortimer, J. Busboom, and M. Heitstuman. (7/07) **(2, 4, 5; \$4,540)**.

Washington State Sheep Shearing School. Program Fees. \$3,000. P.I.: **S. M. Smith**. (4/07) **(1, 2, 4, 5; \$3,000)**.

Washington Pork Producers Swine Information Day. Sponsorship and Program Fees. National Pork Board, Des Moines, IA and participants. \$3,000. P.I.: **S. M. Smith** and Co-P.I.: J. Busboom and J. Schmidt. (2/07) **(1, 2, 4, 5; \$3,000)**.

Northwest Jr. Sheep Exposition. Sponsorships and Program Fees. State Organizations and Producers. \$4,200. P.I.: **S. M. Smith** and Co-P.I.: S. Mortimer, J. Busboom, and M. Heitstuman. (7/06) **(2, 4, 5; \$4,200)**.

Washington State Sheep Shearing School. Program Fees. \$2,500. P.I.: **S. M. Smith**. (4/06) **(1, 2, 4, 5; \$2,500)**.

Washington Pork Producers Swine Information Day. Sponsorship and Program Fees. National Pork Board, Des Moines, IA and participants. \$3,500. P.I.: **S. M. Smith** and Co-P.I.: J. Froseth. (2/06) **(1, 2, 4, 5; \$3,500)**.

D. MOA's and funding secured from Public, Non-profit, and Private entities

E. Unfunded Grant Proposals – Summarized by Year

Year	Total Grants	Total Dollars
2022	1	\$71,703
2017	1	\$600,000
2015	1	\$28,050
2014	2	\$57,750
2013	1	\$19,895
2012	2	\$351,528
2011	1	\$1,500
2008	1	\$50,000
2007	2	\$150,757

PUBLICATIONS AND CREATIVE WORK²

A. Peer-reviewed Journal Articles. (The journal must have a professional organization or corporate entity with an editor that manages a blind, peer review process.)

Maquivar, M.G.; **S. M. Smith**, J. R. Busboom. Reproductive Management of Rams and Ram Lambs during the Pre-Breeding Season in US Sheep Farms. *Animals* **2021**, *11*, 2503.

<https://doi.org/10.3390/ani11092503> **(2, 3, 6)**

Allen, A. J., D. A. Llewellyn, S. R. Kerr, T. D. Hudson, S. J. Neibergs, **S. M. Smith**, and D. A. Moore. 2019. Developing Herd Health Education for and Assessment Risk Practices of Cow-Cow Producers. *Journal of Extension* 57(5):5RIB8. **(2, 3, 6)**

Smith, S. M. and J. R. Busboom. 2017. Carcass Calculator App: A Quick and Effective Way to Determine Cutability and Quality of Beef, Lamb and Pork Carcasses. *Journal of NACAA* 10 (1), available online at <https://www.nacaa.com/journal/index.php?jid=701>. **(1, 2, 3, 4, 5)**

Stotts, M. J., M. R. Corpron, N. R. Moffitt, J. L. Mutch, **S. M. Smith**, J. R. Busboom, M. E. Benson, and M. G. Maquivar. 2017. How Much Does a Ram Lose During the Breeding Season? Assessment of

²Key to indicators or description of contributions to Publications and Creative Work: 1 = Developed the initial idea; 2 = Obtained or provided funds or other resources; 3 = Collected data; 4 = Analyzed data; 5 = Wrote/created product; 6 = Edited product.

- Pre- and Postbreeding Reproductive Traits of Rams in a Range Flock in the Pacific Northwest. *Journal of Animal Science* 95(4):328. **(1, 2, 3, 4, 6)**
- Peterson, C., A. A. Alkar, J. B. Hall, **S. M. Smith**, S. R. Kerr, D.A. Moore, and R. K. Kasimanickam. 2011. Effects of 1 vs. 2 Doses of Prostaglandin F2alpha Administration on AI pregnancy in a 5-Day Progesterone Based CO-Synch Protocol in Crossbred Beef Heifers. *Theriogenology* 78(8):1536-1542. **(2, 6)**
- Stevenson, J., D. A. Moore, J. A. Newman, J. Schmidt, **S. M. Smith**, J. Smith, S. R. M. L. Wallace, and P. BoyEs. 2011. Development and Evaluation of an On-line Educational Module for Volunteer Leaders on Bio-security in Washington State 4-H Livestock Projects. *Journal of Extension* 49(4): 4R1B1. **(2, 3, 6)**
- Stevenson, J., D. A. Moore, J. A. Newman, J. Schmidt, **S. M. Smith**, J. Smith, S. R. Kerr, M. L. Wallace, and P. BoyEs. 2011. Assessing the Need for an On-line Educational Module for Volunteer Leaders on Bio-security in Washington State 4-H Livestock Projects. *Journal of Extension* 49(3):3FEA9. **(2, 3, 6)**

B. Peer-reviewed Extension Publications. (The publication must have a formal publishing organization such as WSU Extension that manages a blind, peer review process.)

- Heitstuman, M., P. S. Kuber, and **S. M. Smith**. Consumers: Want to Buy an Animal and Have it Butchered for Home Use? Washington State University Extension Publication. **(1, 2, 3, 5)**. *In-Progress*.
- Kuber, P.S., M. Heitstuman, and **S. M. Smith**. Tools for Success-Virtual Livestock Shows Meeting Social Distancing Guidelines. Washington State University Extension. **(1, 2, 3, 5)**. *In-Progress*
- Smith, S. M.**, M. Du, and D. Llewellyn. 2019. Importance of Fetal Programming in Sheep Production. Washington State University Extension Publication. **(1, 2, 3, 5)**. *In-Progress*
- Smith, S. M.**, J. R. Busboom, and N. R. Moffit-Hemmer. 2019. WSU Carcass Calculator App: A Quick and Easy Way to Calculate Carcass Merit. Washington State University Extension Publication. FS317E. **(1, 2, 3, 5)**.
- Smith, S. M.** 2018. Biosecurity: For the Sheep Shearer. Washington State University Extension Publication. FS311E **(1, 2, 3, 5)**.
- Busboom, J. R., D. A. Llewellyn, and **S. M. Smith**. 2018. Washington Lamb of Merit. Washington State University Extension Publication. EB1462E (Revision). **(4, 5, 6)**
- Busboom, J. R., D. A. Llewellyn, and **S. M. Smith**. 2018. Washington Pig of Merit. Washington State University Extension Publication . EB1461E (Revision). **(4, 5, 6)** *Accepted-In Press*
- Moore, D. A. and **S. M. Smith**. 2018. Beef Cattle Temperament Effects on Reproductive Success of the Herd. Washington State University Extension Publication. **(6)** *Submitted*.
- Smith, S. M.** 2017. Pork Checkoff: Responsibility of Fairs and Youth Shows for Collection. Pork Informational Gateway. U.S. Pork Center of Excellence. PIG14-05-03. **(1, 2, 3, 4, 5)**.
- Smith, S. M.** 2015. Beef, Pork, and Lamb Checkoffs: Fair and Youth Shows Responsibility to Collect. Washington State University Extension Publication. EM093E **(1, 3, 4, 5, 6)**.
- Smith, S. M.** 2015. Understanding Low-Stress Cattle Handling Techniques to Improve Animal Performance and Human Safety. (1, 2, 3, 4, 5, 6). FS176E **(1, 2, 3, 4, 5, 6)**
- Llewellyn, D., **S. M. Smith**, and M. Du. 2012. Feeding Beef Cattle II: Fetal Programming—Rethinking Cow/Calf Feeding Program. Washington State University Publications. EM060E **(4, 5, 6)**
- Smith, S. M.**, J. Smith, and J. Busboom. 2009. Dairy Heifer Producer Affidavit and Health Record. Washington State University Extension Bulletin. C1053E **(1, 2, 3, 5, 6)**
- Smith, S. M.**, J. Smith, and J. Busboom. 2009. Market Beef Producer Affidavit and Health Record. Washington State University Extension Bulletin. C1054E **(1, 2, 3, 5, 6)**

- Smith, S. M.,** J. Smith, S. Kerr, and J. Busboom. 2009. Market Goat Producer Affidavit and Health Record. Washington State University Extension Bulletin. C1051E **(1, 2, 3, 5, 6)**
- Smith, S. M.,** J. Smith, and J. Busboom. 2009. Market Lamb Producer Affidavit and Health Record. Washington State University Extension Bulletin. C1052E **(1, 2, 3, 5, 6)**
- Smith, S. M.,** J. Smith, and J. Busboom. 2009. Market Swine Producer Affidavit and Health Record. Washington State University Extension Bulletin. C1055E **(1, 2, 3, 5, 6)**
- Smith, S. M.,** J. Smith, and J. Busboom. 2009. Supplemental Animal Affidavit and Health Record. Washington State University Extension Bulletin. C1113E **(1, 2, 3, 5, 6)**
- Fransen, S., **S. M. Smith,** J. O. Smith. 2002. Managing Irrigated Pastures and Grass Hay Lands. Washington State University Cooperative Extension Bulletin. EM4915 **(1, 3, 5, 6)**
- Smith, J. O., **S. M. Smith,** L. L. Rowan. 2001. Mastitis: Definicion, Tratamiento, Prevencion. (Spanish). Washington State University Cooperative Extension Bulletin. MISC0344Se **(1, 3)**

C. Peer-reviewed Curricula and Training Manuals (Published curricula and training manuals that have been formally peer reviewed by WSU Extension or another institution.)

- Anderson, M., H. Carroll, L. Chichester, T. Erickson, B. Kriefels, P. S. Kuber, L. Miller, A. Powell, B. O'Rourke, **S. M. Smith,** N. Snook and J. Sterle. 2017. National Youth Quality Care of Animal Training Curriculum. National Pork Board, Clive, IA **(5, 6)**.
- Kerr, S. R., D. A. Moore, A. J. Allen, J. Wenz, D. Llewellyn, J. S. Neibergs, S. Poisson, **S. M. Smith,** T. Hudson, D. Nelson, and C. Beus. 2016. Bovine Respiratory Disease Risk Reduction form Bloodlines to Fencelines. 7th National Small Farms Conference, Virginia Beach, VA.
- Fransen, S., **S. M. Smith,** J. O. Smith. 2002. Managing Irrigated Pastures and Grass Hay Lands. Cow/Calf Management Guide & Cattle Producer's Library. 3rd Ed. University of Idaho Publication. CL1135. **(1, 3, 5, 6)**
- Semler, J., **S. M. Smith,** S. Kerr, J. Reilly, D. Hecimovich, R. Lacey, D. Loveday, D. Cobb, and B. Settlage. 2006. The 4-H CCS Sheep Series Revision: Level1—Rams, Lambs, and You; Level 2—Shear Delight; Level 3—Leading The Flock; and The Helper's Guide. National 4-H Cooperative Curriculum System, Inc. MI. **(3,4, 5, 6)**

D. Published Books, Book Chapters, or Monographs (Specify when an entry was peer reviewed according to the criteria described in A or B above.)

- Maki, S. P.** 1998. The Effect of Processing Method and Fibrolytic Enzyme Application on the Feeding Value of Barley For Beef Cattle. M. S. Thesis. Washington State University, Pullman, WA. **(1, 2, 3, 4, 5, 6)**

E. Creative Scholarship in Juried Events. (Abstracts, Posters, and Published Papers in Proceedings of a Professional Meeting or Conference. (Note: These are generally not peer reviewed but they may be peer approved or selected through a process.)

- Moore, D. A., A. J. Allen, S. R. Kerr, C. E. Beus, D. A. Llewellyn, D. D. Nelson, **S. M. Smith,** J. Wenz, T. D. Hudson, W. F. Hendrix and S. Poisson. 2014. Delivery and Evaluation of the BRD Curriculum and On-Farm Assessment of BRD Risk from the Washington State University Extension Beef Team. Bovine Respiratory Disease Symposium 2014, Denver, CO. **(2, 5, 6)** *Also presented at WSU Academic Showcase, Pullman, WA.*
- Kerr, S. R., T. D. Hudson, H. J. Ferguson, **S. M. Smith,** D. M. Moberg-Williams, J. S. Neibergs, and D. A. Moore. 2011. Washington Animal Agriculture Team's Livestock Roundup Newsletter. National Association of County Agriculture Agents Professional Improvement Conference, Overland Park, KS. *(Poster presentation and communication award abstract published in the proceedings of the*

National Association of the County Agriculture Agents Annual meeting and professional Improvement Conference) (1, 5, 6)

Schmidt, J. M. D. Heitstuman, **S. M. Smith**, J. Busboom, S. Neibergs, M. Doumit, and J. Unruh. 2011. Beef 300/Lamb 300 Short Courses. National Association of County Agriculture Agents Professional Improvement Conference, Overland Park, KS. (*Search for Excellence In Livestock Production national winner published in the proceedings of the National Association of the County Agriculture Agents Annual meeting and professional Improvement Conference*) (1, 2, 5, 6)

Kerr, S. R., T. D. Hudson, J. Smith, H. J. Ferguson, J. D. Fouts, **S. M. Smith**, D. M. Moberg-Williams; and J. S. Neibergs. 2010. Washington Animal Agriculture Team's Livestock Roundup Newsletter. National Association of County Agriculture Agents Professional Improvement Conference, Tulsa, OK. (*Communication award abstract published in the proceedings of the National Association of the County Agriculture Agents Annual meeting and professional Improvement Conference*) (1, 5, 6)

Smith, S. M. 2009. Washington State Shearing School Impacts Industry and Profession. National Association of County Agriculture Agents Professional Improvement Conference, Portland, OR. (*Poster presentation*) (1, 2, 3, 4, 5, 6)

Smith, J., J. Busboom, S. Kerr, and **S. M. Smith**. 2009. Youth Livestock Producers Affidavits and Health Records For Quality Assurance And Regulation Compliance. National Association of County Agriculture Agents Professional Improvement Conference. (*Poster presentation*) (1, 2, 3, 4, 6)

Neiberg, J. S. J. Busboom, M. D. Heitstuman, J. Schmidt, J. Smith and **S. M. Smith**. 2009. Beef 300: Producing High quality Wholesome Beef At the Farm, Stocker, Feedlot, Processor and Retail Level. National Association of County Agriculture Agents Professional Improvement Conference, Portland, OR. (*Poster presentation*) (1, 2, 6)

Heitstuman, M., J. Busboom, **S. M. Smith**, J. Schmidt, J. S. Neibergs, and J. Smith. 2008. WSU BEEF 300: Producing High Quality Lamb at the Farm, Packer and Retailer. WSU All-Extension Conference, Spokane, WA. And WSU Showcase of Excellence Poster Session, Pullman, WA. (*Poster presentation*) (1, 2, 6)

Heitstuman, M., J. Busboom, **S. M. Smith**, J. Schmidt, J. S. Neibergs, and J. Smith. 2007. WSU LAMB 300: Producing High Quality Lamb at the Farm, Packer and Retailer. WSU All-Extension Conference, Spokane, WA. And WSU Showcase of Excellence Poster Session, Pullman, WA. (*Poster presentation*) (1, 2, 6)

Suvery, N., J. Busboom, **S. M. Smith**, J. Smith, J. Schmidt, M. Heitstuman, D. Nelson, S. VanVleet, and J. Mann. 2007. Quality Assurance Education for Washington Livestock Industry. WSU All-Extension Conference, Spokane, WA. And WSU Showcase of Excellence Poster Session, Pullman, WA. (*Poster presentation*) (1, 2, 5, 6)

Smith, S. M. 2006. Enhancing Food Animal Safety and Quality Through Producer Education. Washington State University Academic Showcase. (*Poster presentation*) (1, 2, 3, 4, 5, 6)

F. Educational Digital Media (Videos, computer programs, mobile aps, dynamic web-pages, social media, blogs, online modules, decision aids, email list-serves, etc.) (Designate products that received formal peer-review with a * and indicate the entity managing the review.)

Khot, L., S. Hill, J. Field, **S. M. Smith**, and K. A. Johnson. Washington Cattle Comfort Index Computer Model. WSU AgWeatherNet. www.weather.wsu.edu. (1, 2, 6)

- Hecimovich, D. and S. M. Smith. 2021. WSDA and WSU Extension State Fairs and Shows Cattle and Swine “840” RFID Pilot Project Factsheet. Washington State University Extension and Washington State Department of Agriculture. **(1, 2, 3, 4, 5, 6)**
- Samuel, R., **S. M. Smith**, J. Sackmann, R. Thaler, and E. Barnes. 2021. In The Swine Barn with SDSU and WSU Webinar Series. Washington State University and South Dakota State University. <https://extension.wsu.edu/animalag/content/in-the-swine-barn-webinar-series/> **(1, 2, 3, 4, 5, 6)**
- Kuber, P.S., **S. M. Smith** and D. Kilgore. 2021. From Pig to Pork Chop: How Much Pork From A Pig. Washington State University Extension and Department of Animal Sciences. <https://www.youtube.com/watch?v=O-fzuxJWBXU> **(1, 2, 3, 4, 5, 6)**.
- Maquivar, M., **S. M. Smith**. 2021. Washington State Sheep Production Videos in Spanish and English. Washington State University Extension and Washington State Sheep Producers Association **(1, 2, 3, 4, 5, 6)**. *In Progress*
- Smith, S.M.**, A. Adams-Progar, and J. Schmidt. 2017. Washington State University Extension Animal Agriculture. Website: <http://animalag.wsu.edu>. **(1, 2, 3, 4, 5, 6)**
- ***Smith, S. M.**, N. Moffitt, and J. R. Busboom. 2016. Basic Pig Handling for Youth. Video. Pork Information Gateway. VID14-03.04. **(1, 2, 3, 4, 5, 6)** **(peer reviewed by U.S. Pork Center of Excellence)**
- Smith, S. M.** and J. R. Busboom. 2015. WSU Livestock Carcass Grade & Cutability Calculator App. Android and iOS on-line App. Washington State University Copyright and Patents. **(1, 2, 3, 4, 5, 6)**
- Smith, S. M.**, M. Maquivar, and D. Llewellyn. 2015. Manejo del Gando Bajo Condiciones de Bajo Estres Entendiendo y Trabajando con el Instinto del Grando. Spanish Video of Low-Stress Cattle Handling. Washington State University Publications **(1, 2, 3, 4, 5, 6)**
- ***Smith, S. M.**, D. Llewellyn, and D. Kilgore. 2014. Low-Stress Cattle Handling: Understanding & Working with Cattle Instinct. Video. Washington State University Publications. PRV01. **(1, 2, 3, 4, 5, 6)** *(peer reviewed by WSU Publications)*
- Moore, D. A., A. Allen, C. Beus, F. Hendrix, S. Kerr, T. Hudson, D. Llewellyn, J. S. Neiberger, D. Nelson, **S. M. Smith**, and J. R. Wenz. 2013. Bovine Respiratory Disease Complex Series for Cow-Calf Producers. Washington State University Extension, Pullman, WA. <http://extension.wsu.edu/vetextension/brd/Pages/default.aspx> **(3, 4, 5, 6)**
- McGuire, A., G. Hoheisel, **S. M. Smith**, K. M. Lewis, T. Smith, T. Waters, S. Norberg, D. Llewellyn and C. Wohleb. 2011-present. Columbia Basin Irrigated Agriculture Email Newsletter. 2500 subscribers. **(5)**
- Stevenson, J., K. Heaton, D. A. Moore, S. Kerr, **S. M. Smith**, J. A. Newman, J. Schmidt, N. L. Zaugg, G. R. Fredricks, P. Boyes, and M. L. Wallace. 2011 Housing Environments for 4-H Livestock Projects: Providing Clean and Comfortable Environments to Optimize Livestock Health and Well-Being. Washington State University Extension, Pullman, WA. <http://vetextension.wsu.edu/programs/4-H/index.htm>. *(on-line training)* **(3, 4, 5, 6)**
- Stevenson, J., D. Moore, J. Newman, **S. M. Smith**, J. Schmidt, and J. Smith. 2010. WSU 4-H Livestock Volunteer Leader Quality Assurance Training Module. Washington State University Extension. Pullman, WA. . <http://vetextension.wsu.edu/programs/4-H/index.htm>. *(on-line training)* **(1, 3, 4, 5, 6)**
- Stevens, J., D. Moore, J. Newman, **S. M. Smith**, J. Schmidt, and J. Smith. 2009. WSU 4-H Livestock Volunteers Disease Prevention Training Module. Washington State University Extension, Pullman, WA. . <http://vetextension.wsu.edu/programs/4-H/index.htm>. *(on-line training)* **(3, 4, 5, 6)**
- Smith, S. M.** 2006-present. WSU Grant/Adams 4-H Animal Science Update list serve. Weekly electronic update. 150 subscribers. **(1, 2, 5, 6)**

Smith, S. M. and B. Bright. Northwest Junior Sheep Exposition. 2004-present: <http://grant-adams.wsu.edu/agriculture/livestock/sheep/NW%20JR%20Sheep%20Expo/SheepExpoHomeGood.htm> . (1, 2, 5, 6)

Smith, S. M. and K. Whitaker. Washington State Sheep Producers Shearing School. 2001-present [Http://grant-adams.wsu.edu/agriculture/livestock/sheep/Shearing%20School/SheepShearingHome.doc.htm](http://grant-adams.wsu.edu/agriculture/livestock/sheep/Shearing%20School/SheepShearingHome.doc.htm). (1, 3, 4, 5, 6)

G. Other Publications and Creative Works (Those products that did not receive formal peer review, and include popular press articles, newsletters, and other written works)

Kuber, P.S., and **S. M. Smith**. From Pig to Pork Chop: How Much Pork From A Pig. Supporting document for video with a description of live animals and carcass data. Washington State University Extension. <https://s3.wp.wsu.edu/uploads/sites/2049/2021/02/02.21PorkFabVideoDataFactSheet02.16.2021.pdf> (1, 2, 3, 4, 5, 6).

Smith, S. M. 2020. Unrivaled: Teaching in The Real World. American Sheep Industry Association-Experience Wool (script)

Smith, S. M. 2019. Expectations of Turned Livestock Buyers of Youth Shows. Pacific Northwest Sheep and Goat Judging School. (1, 2, 3, 5)

Smith, S. M. 2019. On Farm Assessment of Sheep Care and Handling During Wool Harvest. Pendleton Woolen Mill. (1, 2, 3, 5)

Smith, S. M. 2017. Biosecurity Advice for Sheep Shearers. Western Livestock Journal. https://www.wlj.net/top_headlines/biosecurity-advice-for-sheep-shearers/article_02dfe0fe-11a7-11e8-8a36-1b4ac27a79e0.html (1, 2, 3, 5)

Smith, S. M., J. R. Busboom, M. Maquivar, and K. Griffith. 2017. Basic Sheep Care and Management Field Guide for Herders. (Spanish and English). American Sheep Industry: Let's Grow. (1, 2, 3, 5) *In progress*

Smith, S. M., J. R. Busboom, M. Maquivar, and K. Griffith. 2017. Common Tools and Equipment Used in Western Range Flock: Translation and Picture Guide. (Spanish and English). American Sheep Industry: Let's Grow. (1, 2, 3, 5) *In progress*

Griffith, K., **S. M. Smith**, J. R. Busboom and M. Maquivar. 2017. Herder Camp Maintenance and Safety. (Spanish and English). American Sheep Industry: Let's Grow. (1, 2, 3, 5) *In progress*

Smith, S. M., J. R. Busboom, S. Neibergs, L. Eidman, P. Kuber, M. Heitstuman, M. L. Nelson, and J. Schmidt. 2016. California LAMB 300 Course Notebook, 5th Editions. Washington State University Extension. (1, 2, 3, 5, 6)

Smith, S. M., J. R. Busboom, S. Neibergs, W. Means, L. Eidman, P. Kuber, M. Heitstuman, M. L. Nelson, and J. Schmidt. 2016. Wyoming LAMB 300 Course Notebook, 6th Editions. Washington State University Extension. (1, 2, 3, 5, 6)

Smith, S. M., J. R. Busboom, S. Neibergs, G. Pirelli, P. Kuber, M. Heitstuman, M. L. Nelson, and J. Schmidt. 2015. OSU/WSU LAMB 300 Course Notebook, 4th Editions. Washington State University Extension. (1, 2, 3, 5, 6)

Smith, S. M. 2014. Importance of Low-Stress Cattle Handling. *Ketch Pen*. Washington Cattlemen's Association. January. (1, 2, 3, 4, 5, 6)

Kerr, S. R. and **S. M. Smith**. 2014. From Farm to Fork: Pork Producers Care. *Seattle Times*. (2, 3, 5, 6)

Smith, S. M., J. R. Busboom, S. Neibergs, M. Doumit, J. Schmidt, M. Heitstuman, M. L. Nelson, and J. Unruh. 2014. WSU/UI BEEF 300 Course Notebook, 1-5 Editions. Washington State University Extension. (1, 2, 3, 5, 6)

Smith, S. M., J. R. Busboom, S. Neibergs, J. Schmidt, M. D. Heitstuman, S. Kerr, and M. L. Nelson. 2014. WSU BEEF 100 Course Notebook, 1-4 Editions. Washington State University Extension. (1, 2, 3, 5, 6)

- Smith, S. M.,** J. R. Busboom, S. Neibergs, J. Schmidt, M. D. Heitstuman, S. Kerr, and M. L. Nelson. 2014. WSU LAMB 100 Course Notebook, 1-4 Editions. Washington State University Extension. **(1, 2, 3, 5, 6)**
- Smith, S. M.,** J. R. Busboom, S. Neibergs, J. Schmidt, M. D. Heitstuman, S. Kerr, and M. L. Nelson. 2014. WSU PORK 100 Course Notebook, 1-4 Editions. Washington State University Extension. **(1, 2, 3, 5, 6)**
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- Beus, C., **S. M. Smith,** and D. Nelson. 2013. Management Approaches To Reduce Transportation Stress Risk For BVD. Bovine Respiratory Disease Prevention from Bloodline to Fenceline CAP Grant. Washington State University Extension Veterinary Medicine Bulletin. **(1,3, 4, 5, 6)**
- Smith, S. M.,** J. R. Busboom, S. Neibergs, M. Doumit, J. Schmidt, and M. Heitstuman, 2013. WSU/UI PORK 300 Course Notebook, 1st Edition. Washington State University Extension. **(1, 2, 3, 5, 6)**
- Smith, S. M.** and S. R. Kerr. 2010. Dairy Goat Producer Affidavit and Health Record. Washington State University Extension Bulletin. Fact Sheet 1002-2011 **(1, 5,6)**
- Smith, S. M.,** J. R. Busboom, S. Neibergs, M. Doumit, J. Smith, J. Schmidt, M. Heitstuman, M. L. Nelson, and P. Kuber, 2012. WSU LAMB 300 Course Notebook, 1st-3rd Editions. Washington State University Extension. **(1, 2, 3, 5, 6)**
- Kerr, S. R., D. A. Moore, R. K. Kasimanickam, and **S. M. Smith.** 2010. Improving Beef heifer Reproduction Via Synchronization and Timed AI. Washington Animal Ag Team Web Page. Fact Sheet 1002-2010. **(2, 6)**
- Gyling, P., S. Kerr and **S. M. Smith.** 2009. Individual Goat Health Record. Washington State University Extension: Central Animal Ag Team Web Page. Fact Sheet 1001-2009. **(1, 2, 5, 6)**
- Heitstuman, M., J. S. Neiberg, **S. M. Smith,** and J. Busboom. 2009. 2009 WSU LAMB 300: Lamb Summary. Washington State University Extension. **(3, 4, 6)**
- Moore, D., and **S. M. Smith.** 2009 WSDA—Biosecurity Checklist for Livestock Exhibitors. WSU Veterinary Medicine Extension: Ag Animal Health Spotlight. **(3, 5, 6)**
- Peck, C., J. W. Oltjen, J. R. Busboom, D. A. Moore, **S. M. Smith,** and J. Smith. 2009. Western Regional Beef Quality Assure Core Curriculum. National Beef Cattle Association. www.bqa.wsu.edu.
- Smith, J., and **S. M Smith.** 2009. Monitoring Your Lamb's Progress. Washington State University Extension: Central Washington Animal Ag Team Web Page. Fact Sheet 1013-2003. *(revision)***(1, 3, 5, 6)**
- Smith, J., and **S. M Smith.** 2009. Monitoring Your Show Pig's Progress. Washington State University Extension: Central Washington Animal Ag Team Web Page. Fact Sheet 1002-2009. **(1, 3, 5, 6)**
- Busboom, R. R., J. Smith, J. A Newman, **S. M. Smith,** D. Marks, and Washington State Department of Agriculture. 2006. Food Safety Is Your Business, 2nd Edition. Washington State University EB1676. *(revision)* **(3, 5, 6)**
- McNamara, J. and **S. M. Smith.** 2007. Washington State University Extension Swine Program. 2008 Swine Educators In-Service. National Pork Board, MO. **(2, 3, 4, 6)**
- Smith, S. M.** 2006. Washington State Developing Certifiable Beef Quality Assurance Program. *Ketch Pen*. Washington Cattlemen's Association. Volume 25, Issue 5. Pg. 7. **(1, 3, 5, 6)**
- Smith, S. M.** 2005. Ask the Expert: Ensuring Sheep's Health During Travel and Show. *Suffolk News Magazine*. United Suffolk Sheep Association, Newton, UT. **(1, 3, 5, 6)**

- Smith, S. M.** 2005. Biosecurity: For the Sheep Shearer. Washington State University Extension: Central Animal Ag Team Web Page. Fact Sheet 1005-2005. **(1, 3, 5, 6)**
- Padula, R., **S. M. Smith**, J. Bristol, J. Moore, and J. Held. 2005. National Sheep Shearing School Curriculum. American Sheep Industry: Wool Council. **(1, 3, 5, 6)**
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- Smith, J. and **S.M. Smith**. 2004. Monitoring Your Steer's Progress. Washington State University Extension: Central Animal Ag Team Web Page. Fact Sheet 1011-2004. **(1, 3, 5, 6)**
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- Smith, S. M.** 2003. Fair Animals Are Food Animals. Washington State University Extension: Central Animal Ag Team Web Page. Fact Sheet 1006-2003. **(1, 3, 5, 6)**
- Smith, S. M.** 2003. Training, Grooming and Showing Market Goats. Washington State University Extension: Central Animal Ag Team Web Page. Fact Sheet 1010-2003. **(1, 3, 5, 6)**
- Smith, S. M.** 2003. Training, Grooming and Showing Market Lambs. Washington State University Extension: Central Animal Ag Team Web Page. Fact Sheet 1011-2003. **(1, 3, 5, 6)**
- Smith, S. M.** 2003. The Threat of Foreign Animal Diseases and the Need for Agriculture Biosecurity. Washington State University Extension: Central Animal Ag Team Web Page. Fact Sheet 1009-2003. **(1, 3, 5, 6)**
- Smith, S. M.** and J. Smith. 2003. Management Strategies for Livestock Producers During Times of Drought. Washington State University Extension: Central Animal Ag Team Web Page. Fact Sheet 1005-2003. **(1, 3, 5, 6)**
- Smith, S. M.** 2001. Successfully Slick-Shearing Show Lambs. Washington State University Cooperative Extension, Grant/Adams Area. Fact Sheet 1008-2003. **(1, 3, 5, 6)**
- Smith, S. M.** and J. O. Smith. 2001. Helpful Horse Hints. Washington State University Cooperative Extension, Grant/Adams Area. **(1, 3, 5, 6)**
- Smith, S. M.**, L. Gerber and S. Guartner. 2001. National Pork Producers Council's Youth Quality Assurance Program. *Basin Business Journal*. December, B5-B7. **(1, 3, 5, 6)**

NEWSLETTERS-EDITOR AND/OR CONTRIBUTOR

- Smith, S. M.** 2002-present. *Columbia Basin Sheep Producers Newsletter*. Quarterly Newsletter. Editor and contributor. 50 subscribers
- Smith, S. M.** and J. Schmidt. 2003-present. *Washington Pork Producers Newsletter*. Quarterly Newsletter. Contributor and editor. 250 subscribers
- Kerr, S., T. Hudson, D. A. Moore, **S. M. Smith**, J. Schmidt, D. Moberg-Williams, H. Ferguson, J. S. Neibergs, D. A. Llewellyn and W. F. Hendrix. 2007-2014. *Washington Animal Agriculture Team Round-Up*. Washington Animal Ag Team Electronic Newsletter. Contributor and co-editor.
- Lewis, K., A. McGuire, P. Peterson, **S. M. Smith** and C. Wohleb. 2000-2009. *WSU Agri-Focus: Grant-Adam Area*. Monthly Newsletter. Contributor and editor.

PRESENTATIONS

A. International

B. National

Smith, S. M. October 2020. Youth Livestock Producer & Biosecurity to Protect Their Animals and Others: Common questions on implementing biosecurity practices to protect youth livestock and animal agriculture. Healthy Farms Healthy Agriculture Biosecurity Community Conversation Webinar. *Invited presentation.*

Smith, S. M. May 2020. Pacific Northwest Sheep Industry Update: Market Impacts, Infrastructure Strains, Emergency Programs and Strategies for Producers. UI & UW Extension Sheep & Goat Webinar Series. *Invited presentation.*

Smith, S. M. December 2019. American Sheep Industry Update. Oregon Sheep Growers Association Annual Convention. *Invited presentation.*

Smith, S. M. August 2019. American Sheep Industry Update. California Wool Growers Association Annual Meeting. *Invited presentation.*

Smith, S. M. November 2016. WSU Carcass Calculator App: Development, Use and Marketing. NACAA Teaching & Education Technology Webinar Series. National Association of County Agriculture Agents, Maroa, IL. <http://breeze.wsu.edu/p3rrfwuv0eu/>. *Invited presentation.*

Smith S. M.. July 2015. Let's Grow The Sheep Industry: How to Deal with Challenges Effectively and Proactively. OSU/WSU LAMB 300. Oregon State University. Corvallis, OR.

Smith, S. M. September 2014. Importance and Diversity of Washington Agriculture and Tour. National Pork Board Swine Extension Educators Conference. Seattle, WA. *Invited presentation.*

Smith, S. M and J. R. Busboom. September 2014. Pork Palatability and Taste Panel. National Pork Board Swine Extension Educators Conference. Seattle, WA. *Invited presentation.*

Smith, S. M. November 2005. 4-H CCS Sheep Curriculum Preview. National Association of Extension 4-H Agents Conference, Seattle, WA.

Smith, S. M. May 2004. National Sheep Safety and Quality Assurance Training. Sheep Quality Assurance & Market Readiness of Lamb & Wool, Santa Rosa, CA. *Invited Presentation.*

C. State

Smith, S. M. and M. G. Maquivar. December 2022. Beef Quality Assurance for Feedlot Personnel: English and Spanish. Moses Lake, WA. *Invited Presentation.*

Smith, S. M. November 2022. Small Acreage Farm Planning with Livestock. WSU Extension Whole Farm Planning Course. *Invited Presentation*

Smith, S. M. October 2022. Oh Sheep!—What Breed Should I Get. Spokane Area Sheep Producers Fall Sheep Information Day. *Invited Presentation*

Smith, S. M. and M. G. Maquivar. June 2022. Beef Quality Assurance for Feedlot Personnel: English and Spanish. Moses Lake, WA. *Invited Presentation.*

Smith, S. M. From Pig to Pork Chop for Beginning Pig Farmers. January 2022. Production System, Selection, Handling, and Markets. WSU Country Living Expo and Cattlemen's Winter School. *Invited Presentation.*

Smith, S. M. January 2022. Oh Sheep! I have Sheep, Now What: Beginning Sheep Farming. WSU Country Living Expo and Cattlemen's Winter School. *Invited Presentation.*

Smith, S. M. January 2022. WSU Country Living Expo and Cattlemen's Winter School, Valais Blacknose Sheep Breed-Up Program: World's cutest Shee Arrives in the USA. WSU Country Living Expo and Cattlemen's Winter School. *Invited Presentation.*

Smith, S. M. and M. G. Maquivar. June 2021. Beef Quality Assurance for Feedlot Personnel: English and Spanish. Moses Lake, WA. *Invited Presentation.*

Smith, S. M. From Pig to Pork Chop for Beginning Pig Farmers. January 2021. Production System, Selection, Handling, and Markets. WSU Country Living Expo and Cattlemen's Winter School. *Invited Presentation.*

Smith, S. M. Oh Sheep! I have Sheep Now What: Beginning Sheep Farming. January 2021. Production System, Selection, Handling, and Markets. WSU Country Living Expo and Cattlemen's Winter School. *Invited Presentation.*

Smith, S. M. Beginner Pork Production: October 2020. Production System, Selection, Handling, and Markets. Westside Beginning Swine Production System. *Invited Presentation.*

Smith, S. M. May 2020. Washington State Sheep Industry Update: Market Impacts, Infrastructure Strains, Emergency Programs & State Sheep Events. WSU Extension Webinar.

Smith, S. M. February 2020. Livestock Shows Perceptions & Realities—Making a Positive Impact on the Industry, Youth, Food Production, and Consumers. Washington State Swine Information Day. Moses Lake, WA.

Smith, S. M. and E. Barnes. February 2020. Pork Quality Assurance Training and Certification for Swine Producers. Washington State Swine Information Day. Moses Lake, WA.

Smith, S. M. and M. G. Maquivar. December 2019. Beef Quality Assurance for Cow/Calf Producers. Moses Lake, WA.

Smith, S. M. and M. G. Maquivar. December 2019. Beef Quality Assurance for Feedlot Personnel: English and Spanish. Sunnyside, WA. *Invited Presentation.*

Smith, S. M. and M. G. Maquivar. December 2019. Transporter Beef Quality Assurance for Professional Haulers. Sunnyside, WA. *Invited Presentation.*

Smith, S. M., M. Maquivar, and N. Irlbeck November 2019. Development of Sheep Production Video Library and Didactic Material for Ovine. Washington State Sheep Producers Annual Convention. *Invited presentation.*

Smith, S. M. and M. G. Maquivar. August 2019. Beef Quality Assurance for Feedlot Personnel: English and Spanish. Pasco, WA. *Invited Presentation.*

Smith, S. M. and M. G. Maquivar. June 2019. Beef Quality Assurance for Feedlot Personnel: English and Spanish. Eltopia, WA. *Invited Presentation.*

Smith, S. M. May 2019. What are Youth Livestock Shows Perceptions & Realities? 2019 Pacific Northwest Sheep and Goat Judges School and Show Management Conference. Pullman, WA. *Invited Presentation.*

Smith, S. M. and M. G. Maquivar. August 2018. Beef Quality Assurance for Feedlot Personnel: English and Spanish. Pasco, WA. *Invited Presentation.*

Smith, S. M. October 2018. Grazing Nutrition for Ruminant Animals. Okanogan Conservation District Fall Tour. Okanogan, WA.

Smith, S. M. and M. G. Maquivar. November 2018. Beef Quality Assurance for Feedlot Personnel: English and Spanish. Moses Lake, WA.

Smith, S. M. June 2017. Youth Raising Livestock Need to Be YouTube Ready. Washington Association of Agriculture Educators Summer Conference. Moses Lake, WA. *Invited Presentation.*

Smith, S. M. May 2017. Youth Pork Quality Assurance Plus Training. Southwestern Washington Spring Jr. Show. Chehalis, WA. *Invited Presentation.*

Smith, S. M. April 2017. Animal Health Matters: Good Stockmanship. CHS PayBack University. Chelan, WA. *Invited Presentation.*

Smith, S. M. April 2017. Pig Behavior & Low-Stress Swine Handling. Western Washington Swine Production Workshop. Puyallup, WA. *Invited Presentation.*

Smith, S. M. April 2017. Pork Production and Marketing Overview. Western Washington Swine Production Workshop. Puyallup, WA. *Invited Presentation.*

Smith, S. M. February 2017. Youth Pork Quality Assurance Plus Training. Washington Swine Information Day. Moses Lake, WA.

Smith, S. M. October 2016. Pork Quality Assurance Plus Train the Trainer. Washington Pork Quality Assurance Training. Spokane, WA.

Smith, S. M. May 2016. Sheep Nutrition: For Production and Profitability. Spokane Area Sheep Producers' Sheep Information Day. Clayton, WA. *Invited Presentation.*

Smith, S. M. February 2016. Pork Digital Resources Available to Producers/Stakeholders. Washington State Swine Information Day. Moses Lake, WA.

Smith, S. M. December 2015. Sheep Nutrition: For Production and Profitability. Let's Grow Sheep and Lamb in the Northwest Sheep Symposium: Part 2. Oregon Sheep Growers Annual Convention. Sunriver, OR.

Smith, S. M. November 2015. Washington State Sheep Shearing School and Shearing Needs. Washington Grown TV Show. Episode 9, Original Air Date 11/29/15. <http://www.wagrown.com/episodes-and-clips/Q7oq4XxpCRE> . *Invited presentation.*

Smith, S. M. October 2015. Sheep Nutrition: For Production and Profitability. Let's Grow Sheep and Lamb in the Northwest Sheep Symposium: Part 1. Washington State Sheep Producers Annual Convention. Walla Walla, WA.

Smith, S. M. June 2015. New App Development and Marketing. WSU Agriculture and Natural Resource Annual Meeting. Spokane, WA. *Invited Presentation.*

Smith, S. M. May 2015. Beef Quality Assurance Training. Low-Stress Cattle Handling For Cattle Feeders. Eltopia, WA.

Smith, S. M and F. Mueller. January 2015. Low-Stress Cattle Handling Demonstration. PNW Young Cattlemen's WSU Beef Production Conference. Moses Lake, WA. *Invited presentation.*

Busboom, J. R., S. Neiberg, M. Heitstuman, S. M. Smith, J. Schmidt, and P. Kuber. February 2015. Pork 200: From Farm to Fork. Washington State Swine Information Day. Moses Lake, WA.

Smith, S. M and F. Mueller. June 2014. Low-Stress Cattle Handling Demonstration. WSU Beef Production Conference. Yakima, WA. *Invited presentation.*

Smith, S. February 2014. Adult Pork Quality Assurance Plus Certification Training. Washington State Swine Information Day. Moses Lake, WA.

Smith, S. M. November 2013. WSU Meat Animal Evaluation, Analysis & Technology Team: Mini Mock Beef 300. Washington Cattlemen/Cattlewomen Annual Convention. Pasco, WA. *Invited presentation.*

Moore, D. A., D. Llewellyn, S. J. Neibergs, and S. M. Smith. November 2013. Bovine Respiratory Complex Series for Cow-Calf Producers. Washington Cattlemen's College. Pasco, WA.

Smith, S. M. October 2013. WSU Meat Animal Evaluation, Analysis & Technology Team: BEEF 100/200/300 Programming. Cattle Producers of Washington Annual Convention. Moses Lake, WA. *Invited presentation.*

Smith, S. M. May 2013. Pork Production and Marketing System Overview. WSU BEEF,/LAMB/PORK/POULTRY 100. Spokane, WA.

Smith, S. M. March 2012. Pork Production and Marketing System Overview. WSU BEEF,/LAMB/PORK/POULTRY 100. Spokane, WA.

Smith, S. M. February 2012. Pork Checkoff Requirements For Commercial, Niche, and Youth. Washington Swine Information Day. Moses Lake, WA.

Smith, S. M. December 2011. Basic Sheep Nutrition. Spokane Area Sheep Producers Sheep Information Day. Spokane, WA. *Invited Presentation*

Smith, S. M. December 2011. Selecting and Feeding The Show Lamb. Spokane Area Sheep Producers Sheep Information Day. Spokane, WA. *Invited Presentation*

Smith, S. M. July 2011. Cattle Transportation's Influence on Carcass Quality. Beef Quality Assurance: Transporters' Training. Moses Lake, WA.

Smith, S. M. June 2011. Pork Production and Marketing System Overview. WSU PORK 100. Sumner, WA.

Smith, S. M. June 2011. Youth Pork Quality Assurance Plus Training. Benton/Franklin 4-H Training. Pasco, WA *Invited Presentation*

Smith, S. M. June 2011. Youth Pork Quality Assurance Plus Training. Westside Pork Farm to Fork Youth Day. Chehalis, WA. *Invited Presentation*

Smith, S. M. October 2010. Quality Assurance For Youth Livestock Producers. Washington and Idaho 4-H Forum. Spokane, WA. *Invited Presentation*

Smith, S. M. February 2010. Show Pigs: An Important Segment of The Swine Industry? Washington State Swine Information Day. Moses Lake, WA. *Invited Presentation*

Smith, S. M. June 2009. Career Opportunities in Animal Sciences. Washington State 4-H Teen Conference. Pullman, WA. *Invited Presentation*

Smith, S. M. May 2009. Youth Pork Quality Assurance Training. PNW Porkapalooza. Goldendale, WA. *Invited Presentation*.

Smith, S. M. February 2009. Youth Swine Documentation for COOL and Residue Compliance. Washington Swine Information Day, Pasco, WA.

Smith, S. M. October 2008. Sheep Resources: Who's Who & Where and How Do I Find Them. Washington State Sheep Producers Annual Convention, Pullman, WA. *Invited Presentation*.

Smith, S. M. November 2006. 2006 WSU/WSSP Sheep Shearing School Review. Washington State Sheep Producers Annual Convention, Yakima, WA. *Invited Presentation*.

Smith, S. M. May 2006. How to Slick shear a Market lamb. PNW Lamboree, Goldendale, WA. *Invited Presentation*.

Smith, S. M. March 2006. Producing the Ideal Market Animal. Area I Leaders Training, Spokane, WA. *Invited Presentation*.

Smith, S. M. March 2006. Youth Livestock Quality Assurance. Area I Leaders Training, Spokane, WA. *Invited Presentation*.

Smith, S.M. Washington State Sheep Producers Sheep Shearing School. 6-day school held annually, 2001-present.

D. Local

Smith, S. M. October 2020. Career Opportunities in Animal Sciences and Extension. AGR 101: Big Bend Community College. Moses Lake, WA.

Smith, S. M. November 2019. Beef Bucks: Grant County Fair Steers' Carcass Data Review. Grant County Fair Steer Carcass Data Seminar. Moses Lake, WA.

Smith, S. M. October 2018. Beef Bucks: Grant County Fair Steers' Carcass Data Review. Grant County Fair Steer Carcass Data Seminar. Moses Lake, WA.

Smith, S. M. December 2017. 4H/FFA Market Lamb Project: Selecting and Feeding. Spokane Area Sheep Producers' Sheep Information Day. Spokane, WA. *Invited Presentation*.

Smith, S. M. November 2017. Carcass Quality and Grid Pricing Review. Grant County Cattlemen's Annual Meeting. Ephrata, WA.

Smith, S. M. November 2017. Beef Bucks: Grant County Fair Steers' Carcass Data Review. Grant County Fair Steer Carcass Data Seminar. Moses Lake, WA.

Smith, S. M. June 2017. Youth Pork Quality Assurance Plus Training. Moses Lake, WA.

Smith, S. M. March 2017. Youth Pork Quality Assurance Plus Training. Moses Lake, WA.

Smith, S. M. February 2017. Expectations for 4-H Raising Market Animals. Royal City, WA.

Smith, S. M. July 2016. Youth Pork Quality Assurance Plus Training. Moses Lake, WA.

Smith, S. M. May 2016. Columbia Basin Agriculture. Australian-Quincy Rotary Tour. Moses Lake, WA. *Invited Presentation*

Smith, S. M. March 2016. Western Regional Beef Quality Assurance Training. Beef Northwest Feeders Quality Assurance Training. Quincy, WA. *Invited Presentation*

Smith, S. M. January 2015. Youth Livestock Quality Assurance Training. WSU Grant-Adams Extension 4-H Super Saturday, Moses Lake, WA. *Invited Presentation*

Smith, S. M. January 2016. U.S. Animal Agriculture Outlook. Opportunities and Challenges. D&M Chem Producers' Meeting. Yakima, WA. *Invited Presentation*.

Smith, S. M. December 2014. Low-Stress Cattle Handling: Good Stockmanship is the Foundation to Cattle Performance, Safety & Profit Potential. Columbia County Cattlemen's Annual Meeting. Pomeroy, WA. *Invited presentation*.

Smith, S. M. December 2014. Low-Stress Livestock Handling: Good Stockmanship is the Foundation to Livestock Performance, Safety & Profit Potential. Women in Ag Seminar. Yakima, WA. *Invited presentation*.

Smith, S. M. November 2014. Beef Bucks: Grant County Fair Steers' Carcass Data Review. Grant County Fair Steer Carcass Data Seminar. Moses Lake, WA.

Smith, S. M. August 2015. Washington and Columbia Basin Animal Agriculture. Texas Ag Agents Tour. *Invited presentation*.

Smith, S. M. June 2015. Youth Pork Quality Assurance Plus Training. Moses Lake, WA.

Smith, S. M. March 2015. Youth Pork Quality Assurance Plus Training. Sandhill Crane Festival, Othello, WA.

Smith, S. M. January 2015. Youth Livestock Quality Assurance Training. WSU Grant-Adams Extension 4-H Super Saturday, Moses Lake, WA. *Invited Presentation*

Smith, S. M. November 2014. Small Acreage Livestock Production. Cultivating Success. Spokane, WA. *Invited presentation*.

Smith, S. M. October 2014. Beef Bucks: Grant County Fair Steers' Carcass Data Review. Grant County Fair Steer Carcass Data Seminar. Moses Lake, WA.

Smith, S. M. June 2014. Youth Pork Quality Assurance Plus Training. Moses Lake, WA.

Smith, S. M. April 2014. Cattle Nutrition to Decrease BRD Incidences. And. Low-Stress Cattle Handling to Decrease Stress and Disease Susceptibility. North Central Washington Bovine Respiratory Disease Training. Grand Coulee, WA. (2 presentations)

Smith, S. M. March 2014. Youth Pork Quality Assurance Plus Training. Sandhill Crane Festival, Othello, WA.

Smith, S. M. January 2014. Youth Livestock Quality Assurance Training. WSU Grant-Adams Extension 4-H Super Saturday, Moses Lake, WA. *Invited Presentation*

Smith, S. M. December 2013. Grant County Fair Steers' Carcass Data Review. Grant County Fair Steer Carcass Data Seminar. Moses Lake, WA.

Smith, S. M. November 2013. Basics of Livestock Judging. Benton/Franklin Judging Information Day, Pasco, WA. . *Invited Presentation*

Smith, S. M. June 2013. Youth Pork Quality Assurance Plus Training. Moses Lake, WA.

Smith, S. M. May 2013. Livestock Quality Assurance Training for Youth Produces and Leaders. Chelan/Douglas Market Animal Informational Seminar. Wenatchee, WA. . *Invited Presentation*

Smith, S. M. May 2013. Selecting, Feeding, and Showing a Market Lamb. Bonners County Sheep Information Day. Sandpoint, ID. . *Invited Presentation*

Smith, S. M. May 2013. Western Regional Beef Quality Assurance Training. Beef Northwest Feeders Quality Assurance Training. Quincy, WA. . *Invited Presentation*

Smith, S. M. January 2013. Youth Livestock Quality Assurance Training. WSU Grant-Adams Extension 4-H Super Saturday, Moses Lake, WA. *Invited Presentation*

Smith, S. M. October 2012. Grant County Fair Steers' Carcass Data Review. Grant County Fair Steer Carcass Data Seminar. Moses Lake, WA.

Smith, S. M. June 2012. Youth Pork Quality Assurance Plus Training. Moses Lake, WA.

Smith, S. M. April 2012. Western Regional Beef Quality Assurance Training. Beef Northwest Feeders Quality Assurance Training. Quincy, WA.

Smith, S. M. March 2012. Youth Pork Quality Assurance Plus Training. Sandhill Crane Festival, Othello, WA.

Smith, S. M. January 2012. U.S. Animal Agriculture Outlook: Opportunities & Challenges. Moses Lake Kiwanis Club. Moses Lake, WA. *Invited Presentation*.

Smith, S. M. December 2011. U.S. Animal Agriculture Outlook. Grant County Beef Information Day. George, WA.

Smith, S. M. October 2011. Grant County Fair Steer Carcass Data: Producing The Ideal Food Animal. Grant County Fair Steer Carcass Data Seminar. Moses Lake, WA.

Smith, S. M. August 2011. Washington Animal Agriculture Industry: Facts vs. Myths. Washington Farm Bureau Medical Students Awareness Tour, Grant County, WA. *Invited Presentation*

Smith, S. M. June 2011. Youth Pork Quality Assurance Plus Training, Moses Lake, WA.

Smith, S. M. March 2011. Youth Pork Quality Assurance Plus Training. Sandhill Crane Festival, Othello, WA.

Smith, S. M. January 2011. Youth Livestock Quality Assurance Training. WSU Grant-Adams Extension 4-H Super Saturday, Moses Lake, WA. *Invited Presentation*

Moore, D. A., R. K. Kasimanickam, S. R. Kerr, and S. M. Smith. December 2010. Improving Beef herd Reproduction: Focusing on the Heifers. Grant County Beef Information Day. George, WA.

Smith, S. M., D. A. Moore and J. R. Busboom. December 2010. Western Regional Beef Quality Assurance Training. Grant County Beef Information Day. George, WA.

Smith, S. M. September 2010. Washington Dairy Industry: Facts vs. Myths. Washington Farm Bureau Medical Students Awareness Tour, Grant County, WA (*invited talk*)

Smith, S. M. June 2010. Youth Pork Quality Assurance Plus Training, Moses Lake, WA.

Smith, S. M., K. M. Lewis, P. J. Petersen, M. C. Price, C. H. Wohleb and D. Russo. June 2010. WSU Grant/Adams County Extension: Projects, Partnerships, Projections. Presentation to WSU President Elson Floyd and Dan Bernardo, WSU Dean of CAHNRS, Ephrata, WA.

Smith, S. M. May 2010. Western Regional Beef Quality Assurance Training. Beef Northwest Feeders Quality Assurance Training. Quincy, WA.

Smith, S. M. May 2010. Considerations for Small Acreage Livestock Owners. WSU Grant/Adams Extension Small Acreage Training, Moses Lake, WA.

Smith, S. M. April, 2010. Producing The Ideal Food Animal. Upper Grant County 4-H Market Animal Clinic. Grand Coulee, WA. *Invited Presentation*

Smith, S. M. March, 2010. Carcass Evaluation. Grand Coulee 4-H Market Animal Clinic. Moses Lake, WA. *Invited Presentation*

Smith, S. M. March 2010. Youth Pork Quality Assurance Plus Training. Sandhill Crane Festival, Othello, WA.

Smith, S. M. February 2009. Youth Livestock Quality Assurance Training. Othello FFA Training, Othello, WA.

Smith, S. M., L. Gerber, and S. Gaertner. January 2010. Youth Livestock Quality Assurance Training. WSU Grant-Adams Extension 4-H Super Saturday, Moses Lake, WA.

Smith, S. M. July 2009. Biosecurity Practices for 4-H/FFA Livestock Projects. Lincoln County 4-H Market Animal Clinic. Davenport, WA. *Invited Presentation*

Smith, S. M. June 2009. Youth Pork Quality Assurance Plus Training, Moses Lake, WA.

Smith, S. M., K. M. Lewis, P. J. Petersen, M. C. Price, C. H. Wohleb and D. Russo. June 2009. WSU Grant/Adams County Extension: Projects, Partnerships, Projections. Presentation to Dan Bernardo, WSU Dean of CAHNRS, Ephrata, WA.

Smith, S. M. March 2009. Youth Pork Quality Assurance Plus Training. Sandhill Crane Festival, Othello, WA.

Smith, S. M., P. J. Petersen, M. C. Price, C. H. Wohleb, K. M. Lewis, and D. Russo. March 2009. WSU Grant/Adams County Extension: Projects, Partnerships, Projections. County Commissioners meeting, Ephrata, WA.

Smith, S. M. February 2009. Show Lamb Nutrition and Management. Umatilla County 4-H Feeding and Nutrition Clinic. Pendleton, OR. *Invited Presentation*

Smith, S. M., L. Gerber, and S. Gaertner. January 2009. Youth Livestock Quality Assurance Training. WSU Grant-Adams Extension 4-H Super Saturday, Moses Lake, WA.

Moore, D. and S. M. Smith. January 2009. Western Regional Beef Quality Assurance Training. Klickitat Beef Information Day. Goldendale, WA. *Invited Presentation*

Smith, S. M. December 2008. Mandatory Country of Origin Labeling Requirements. Grant County Beef Information Day, Moses Lake, WA.

Smith, S. M., J. Busboom, and E. Field. September 2008. Western Regional Beef Quality Assurance Training. Beef Northwest Feeders, Quincy, WA.

Smith, S. M. July 2008. How to Successfully Slick Shear Show Lambs. Whitman County 4-H Sheep Information Day, Colfax, WA.

Smith, S. M. and S. Gaertner. June 2008. Youth Pork Quality Assurance Plus Training, Moses Lake, WA.

Smith, S. M. March 2008. Club Lamb Selection. Columbia Basin Sheep Producers Field Day, Washtucna, WA.

Smith, S. M. March 2008. Youth Pork Quality Assurance Plus Training. Sandhill Crane Festival, Othello, WA.

Smith, S. M. March 2008. Sheep and Lamb Quality Assurance. Clark County Super Saturday, Kelso, WA.

Smith, S. M. March 2008. Swine and Pork Quality Assurance. Clark County Super Saturday, Kelso, WA.

Smith, S. M. January 2008. How To Successfully Slick Shear Show Lambs. Kittitas Sheep Information Day, Ellensburg, WA.

Smith, S. M., L. Gerber, and S. Gaertner. January 2008. Youth Livestock Quality Assurance Training. WSU Grant-Adams Extension 4-H Super Saturday, Moses Lake, WA.

Smith, S. M. December 2007. Basic Sheep Nutrition. Northwest Idaho Sheep Producers Meeting, Sandpoint, ID. *Invited Presentation*.

Smith, S. M. December 2007. Facts About The Sheep Industry. Kiwanis Monthly Meeting, Ephrata, WA. *Invited Presentation*.

Smith, S. M. October 2007. Central Washington Animal Agriculture Team's Latino Outreach Efforts. NE District Latino Outreach Awareness Meeting, Wenatchee, WA.

Smith, S. M. and S. Gaertner. July 2007. Youth Pork Quality Assurance Training, Moses Lake, WA.

Smith, S. M. May 2007. Livestock Quality Assurance Good Production Practices for Youth Producers. Chelan/Okanogan Livestock Council Meeting, Wenatchee, WA. *Invited Presentation*.

Smith, S. M. April 2007. Basic Sheep Nutrition. Northwest Sheep Extravaganza, Puyallup, WA. *Invited Presentation*.

Smith, S. M. January 2007. Lamb Carcass Quality and Data Analysis. Kittitas Valley Sheep Information Day, Ellensburg, WA. *Invited Presentation*.

Smith, S. M. January 2007. Sheep and Goats: Breeding Animal Selection and Receiving. Kittitas Valley Sheep Information Day, Ellensburg, WA. *Invited Presentation*.

Smith, S. M., L. Gerber, and S. Gaertner. January 2007. Youth Livestock Quality Assurance Training. WSU Grant-Adams Extension 4-H Super Saturday, Moses Lake, WA.

Smith, S. M., J. Busboom, J. Mann. December 2006. Beef: Food Safety Is Your Business Training. Grant County Beef Information Day, Moses Lake, WA.

Smith, S. M. and J. Busboom. November 2006. Beef Feedlot Quality Assurance Training, Beef Northwest, Quincy, WA.

Smith, S. M. and J. Busboom. September 2006. Ruminant Quality Assurance Training. Whitman County Livestock Information Day, Colfax, WA. *Invited Presentation.*

Smith, S. M. June 2006. Youth Livestock Quality Assurance Training, Moses Lake, WA.

Smith, S. M. March 2006. Youth Livestock Judging Contest Helpful Hints. Clark County 4-H Information Day, Kelso, WA. *Invited Presentation.*

Smith, S. M. March 2006. Youth Quality Assurance Information. Clark County 4-H Information Day, Kelso, WA. *Invited Presentation.*

Smith, S. M. March 2006. Youth Sheep Producers' Issues: Quality Assurance, Selection and Nutrition. Clark County 4-H Information Day, Kelso, WA. *Invited Presentation.*

Smith, S. M. February 2006. How to Select a 4-H Livestock Animal. Kittitas Super Saturday, Ellensburg, WA. *Invited Presentation.*

Smith, S.M., L. Gerber, S. Gaertner, and P. Ochocinski. January 2006. Youth Livestock Quality Assurance Training. WSU Grant-Adams Extension 4-H Super Saturday, Moses Lake, WA.

PROFESSIONAL SERVICE

A. University

2022-present	WSU Extension Tenure & Promotion Committee for Dr. Blake Foraker, Member
2022-present	WSU Extension Tenure & Promotion Committee for Dr. Martin Maquivar, Member
2020-present	Washington State Department of Agriculture Meat Packing Processing Infrastructure and Capacity Issues
2021-present	WSU Department of Animal Science Biotechnology and Genomics Extension and Teaching Position Search—Functional Genomics Initiative, Extension Representative
2021-present	WSU College of Veterinary Medicine Veterinary Extension Position Search, ANR Extension Representative
2020-present	WSU Extension and Department of Animal Sciences Decatur Island Sheep Undergraduate Project.
2020-2021	WSU Extension Career Guidance Committee for Tiana Dupont, Member
2019-2020	WSU Department of Animal Science Chair Search Committee, Extension Representative
2017-2020	National Pork Board Extension/Educator Executive Committee, Member
2012-2019	American Sheep Industry, National Wool Council, Member
2012-2018	U.S Pork Center of Excellence, Youth Web Domain Chair
2013-2016	WSU Extension Career Guidance Committee for Don Llewellyn, Chair.
2014-2015	WSU All Extension Conference Organizational Committee.
2013-2014	WSU NE Extension Livestock Area Specialist Position Search Committee, Area Extension Specialist Representative
2013-2014	WSU ANR Professional Development and Third Year Review Meeting Organization Committee
2011-2013	WSU Extension Career Guidance Committee for Don Llewellyn, Member.
2011-2014	National Pork Board Extension/Educator Executive Committee, Member
2010-2015	National Pork Board Extension Educator Strategic Development Committee, Member

2010-2011	WSU Animal Science Livestock System Extension Specialist and Baxter Endowed Chair Position Search Committee, Area Extension Educator Representative
2010	WSU Benton/Franklin Extension Livestock Area Specialist Position Search Committee, Area Extension Educator Representative
2009-2012	WSU 4-H Core Committee, Member.
2009-present	WSU Extension Basin Ag Communication Team, Member.
2009-2012	WSU Extension Career Guidance Committee for Dale Larsen, Chair.
2009-2012	WSU Extension Career Guidance Committee for Jude Caper, Member.
2009-present	WSU Youth Animal Science Team, Member.
2006-2011	WSU Extension Career Guidance Committee for Tim Waters, Member.
2004-present	WSU Extension Meat Evaluation and Assurance Team, Member.
2000-present	WSU Central Washington Animal Agriculture Team, Member.
2009	WSU SE District Safety Committee, Member.
2007-2008	WSU Youth Livestock Judging and Show Management Program Development Team, member.
2006-2007	Washington State Associations of Counties Agriculture Study Committee, Animal Science Representative.
2006	WSU Extension Pierce County Civil Rights Review Committee.
2005-2006	WSU Veterinary Outreach Specialist Position Search Committee, Extension Educator Representative.
2004-2006	National 4-HCCS Revision Design Team Member: Sheep Curriculum. 4-H Cooperative Curriculum System.
2004-2006	National Sheep Shearing School Curriculum Development Committee, American Sheep Industry: Wool Council.
2000-2006	WSU Goat Production Educational Team.
2003-2005	WSU Livestock Water Quality Improvement Team.
2003-2005	Washington Extension Agents and Specialist Association, Board Member.
2000-2005	WSU Central Washington Graziers' Network.
2004	Pacific Northwest Livestock Judging School Organizational Committee.
2003-2004	WSU Southeast Extension District Director Position Search Committee, Non-Tenured Extension Educator Representative.
2002-2003	National Pork Quality Assurance Taskforce, National Pork Board.
2002-2003	WSU Kittitas County Range Extension Educator Position Search Committee, Extension Educator Representative.
2002	Farmland Antibiotic Resistance Monitoring Education and Reduction Project (F.A.R.M.E.R), Advisory Board Member.
2002	Washington State Sheep Producers Annual Convention, Co-Educational Chair.

B. Professional Society

2016-2018	National Association of County Agriculture Agents.
2016-2018	Washington Extension Agents and Specialist Association.
2000-2010	National Association of County Agriculture Agents.
2000-2010	Washington Extension Agents and Specialist Association, Board Member 2003-2005.

C. Community/Industry

2022-present	National Pork Board Foreign Animal Disease Taskforce
2020-Present	Youth for the Quality Care of Animals, Board Member representing American Sheep Industry
2020-present	Washington State Department of Agriculture Fair Animal Disease Traceability Program
2019-present	American Sheep Industry Executive Director, Region 8 Representative, Co-Chair of Producer Education and Research Council
2021	University of Idaho Shearing School Development, Advisor
2021	WildEarth vs U.S. Forest Serv. Case No 2:20-cv-440-RMP, Industry Expert
2020-2021	Washington State Governor's Task Force for Agriculture Events during Covid-19
2002-present	Washington State Sheep Producers Educational Committee.
2002-present	Washington Pork Producers, Educational Advisor.
2000-present	Columbia Basin Sheep Producers, Advisor.
2000-present	Grant County 4-H/FFA Livestock Sale Committee, Advisor.
2000-present	Grant County Cattlemen's Association, Advisor.
2000-present	North Central Washington Jr. Livestock Show Committee, Advisor.
2000-present	Northwest Junior Sheep Exposition Organizational Committee.
2000-present	Washington State Sheep Producers Sheep Shearing School Committee, Coordinator.
2001-2009	Washington Ag in The Classroom.

D. Review Activities (journal article reviews and editorial service)

2022	Peer Reviewer for WSU Extension FastTrack System. Reviewed 3 publication.
2021	Peer Reviewer for WSU Extension FastTrack System. Reviewed 3 publication.
2020-2021	Content Reviewer for WSDA Foreign Animal Disease Protocol and Surveillance Program. Review state swine plan.
2019-2020	Peer Reviewer for American Sheep Industry: American Wool Assurance Program. Review national program.
2018-2020	Peer Reviewer for Youth for the Quality Care of Animal. Review national quality assurance curriculum.
2018	Peer Reviewer for WSU Extension FastTrack System. Reviewed 1 publication.
2018	Peer Reviewer for US Pork Center of Excellence Grant Funding. Reviewed 6 proposals.
2018	Peer Reviewer for WSU Extension FastTrack System. Reviewed 1 publication.
2017	Peer Reviewer for WSU Extension FastTrack System. Reviewed 1 publication.
2016	Peer Reviewer for WSU Extension FastTrack System. Reviewed 1 publication.
2014	Peer Reviewer for WSU Extension FastTrack System. Reviewed 2 publications.
2013	Peer Reviewer for WSU Extension FastTrack System. Reviewed 5 publications.
2009	Bates, Ronald. Peer Reviewer for Michigan State University Extension Bulletin Publication. Breeding Systems for Alternative Pork Chains: Breeding Programs.
2009	Bates, Ronald. Peer Reviewer for Michigan State University Extension Bulletin Publication. Breeding Systems for Alternative Pork Chains: Breeding Program Development.
2007	Smith, Justen. External Reviewer for Utah State University Extension for his promotion to tenured faculty.

PROFESSIONAL DEVELOPMENT

(This section includes additional courses for credit, in-service training, and other major professional development activities)

2019	Beef Quality Assurance Train the Trainer. Certified Trainer. National Cattlemen's Beef Association. October 8. Boise, ID
2019	Transporter Beef Quality Assurance Train the Trainer. Certified Trainer. National Cattlemen's Beef Association. October 8. Boise, ID.
2019	Pork Quality Assurance Plus Version 4.0 Review and Training. Certified Instructor and Advisor. National Pork Board. March 8. Orlando, FL.
2013-present	American Sheep Industry Annual Convention, annual attendance at various locations around the U.S. Representative to National Wool Council.
2001-present	National Pork Board Extension and Educators Training, annual attendance at various locations around the U.S.
2000-present	Washington Cattlemen's Association Cattlemen's College, annual attendance at various locations in Washington and Idaho.
2000-present	Washington State Sheep Producers Annual Convention, annual attendance at various locations in Washington.
2017	Youth for the Quality Care of Animals Instructor Led Training. Certified Instructor. Vivayic, LLC. July 11. Webinar.
2016	Pork Quality Assurance Plus Version 3.0 Review and Training. Certified Instructor and Advisor. National Pork Board. June 15. Denver, CO.
2013	Pork Quality Assurance Plus Version 2.0 Review and Training. Certified Instructor and Advisor. National Pork Board. March 1. San Diego, CA.
2012, 2007	Grant County Emergency Management Drill, Ephrata, WA.
2011	Tri-Country Lamb Summit, Oamura, New Zealand

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