

# CURRICULUM VITAE FOR EXTENSION EDUCATOR FACULTY

University of Idaho

**NAME:** Jason Thomas

**DATE:** October 31, 2023

**RANK OR TITLE:** Assistant/Extension Educator

**DEPARTMENT:** University of Idaho Extension, Central District

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**DATE OF FIRST EMPLOYMENT AT UI:** January 16, 2018

**DATE OF TENURE:** Untenured

**DATE OF PRESENT RANK OR TITLE:** January 16, 2018

## EDUCATION BEYOND HIGH SCHOOL:

### Degrees:

M.S., 2017, Entomology, Texas A&M University, College Station, Texas.

B.S., 2014, Spanish Education, Brigham Young University-Idaho, Rexburg, Idaho.

### Certificates and Licenses:

State of Idaho IDFG Wildlife Bureau Wildlife Collection Permit. Barn Owl, 2019-2022.

United States Fish and Wildlife Service Scientific Collection Permit, 2019-2022.

Idaho State Pesticide Applicators License, Statewide Consultant, 2018-present.

## EXPERIENCE:

### Teaching, Extension and Research Appointments:

Assistant Professor and County Extension Educator, University of Idaho, Minidoka County Extension Office, Rupert, Idaho, January 2018-present.

Program Aide, Texas A&M University, Corpus Christi Research and Extension Center, Corpus Christi, Texas, June 2017-January 2018.

Graduate Assistant, Texas A&M University, Corpus Christi Research and Extension Center, Corpus Christi, Texas, August 2015-May 2017.

Extension Assistant, Purdue University, Turfgrass Entomology and Applied Ecology Lab, West Lafayette, Indiana, June-August 2014.

### Academic Administrative Appointments:

County Chair, University of Idaho Extension, Minidoka County, Rupert, Idaho, 2018-present.

## TEACHING ACCOMPLISHMENTS:

### Areas of Specialization:

Irrigated Crops

Pest Management

Extension Media Production  
4-H Youth Development

### Materials Developed:

#### Webpages:

- Thomas, J. and G. Loomis. The Pest Friends Website. <https://www.pestfriends.org>. 2022-Present.
- Thomas, J. and B. Stokes. Idaho Insect Identification Website (revised). <https://insectid.uidaho.edu> 2023-present.
- Thomas, J. and B. Stokes. Idaho Insect Identification Website. <https://www.uidaho.edu/extension/insect-id>. 2020-2023.
- Thomas, J. The Insect Hunter YouTube channel. (<https://www.youtube.com/insecthunter>) 2014-Present.

#### Video Productions:

- Thomas, J. Handling giant longhorn beetles. The Insect Hunter YouTube Channel. 2023.
- Thomas, J. Tasting bizarre flavored insects. The Insect Hunter YouTube Channel. 2023.
- Miller, J. and **J. Thomas**. Using soil health practices to save money and deal with pests, University of Idaho College of Agriculture and Life Sciences YouTube channel. 2023.
- Taysom, T. and **J. Thomas**. Best practices for managing pink rot, University of Idaho College of Agriculture and Life Sciences YouTube channel. 2023.
- Miller, J. and **J. Thomas**. Powdery scab and PMTV in potatoes, University of Idaho College of Agriculture and Life Sciences YouTube channel. 2023.
- Taysom, T. and **J. Thomas**. Optimizing fungicide use for foliar potato diseases, University of Idaho College of Agriculture and Life Sciences YouTube channel. 2023.
- Miller, J. and **J. Thomas**. Name that potato disease: a review of potato disease symptoms, University of Idaho College of Agriculture and Life Sciences YouTube channel. 2023.
- Thomas, J., G. Loomis, and T. Sorensen. How to access and use SNOTEL data for outdoor recreation. University of Idaho College of Agriculture and Life Sciences YouTube channel. 2023.
- Thomas, J., G. Loomis, and T. Sorensen. How to access and use SNOTEL data for ranching. University of Idaho College of Agriculture and Life Sciences YouTube channel. 2023.
- Jacobsen, T., and **J. Thomas**. Managing weeds in cereal grains. University of Idaho College of Agriculture and Life Sciences YouTube channel. 2023.
- Thomas, J. Tasting bizarre, flavored bugs. The Insect Hunter YouTube Channel. 2023.
- Duellman, K., and **J. Thomas**. Disease management basics in potatoes. University of Idaho College of Agriculture and Life Sciences YouTube channel. 2023.
- Hutchinson, P., and **J. Thomas**. Weed management basics in potatoes. University of Idaho College of Agriculture and Life Sciences YouTube channel. 2023.
- Thomas, J. Viewers play the pest friends board game live. The Insect Hunter YouTube Channel. 2022.
- Loomis, G., **J. Thomas**, and T. Sorensen. How to measure the depth of your well. University of Idaho College of Agriculture and Life Sciences YouTube channel. 2022.
- Thomas, J. The insect hunter is alive live update. The Insect Hunter YouTube Channel. 2022.
- Thomas, J. Pest friends board game overview. The Insect Hunter YouTube Channel. 2021.
- Thomas, J., N. Olsen, M. Thornton, and J. Miller. Cinco ejemplos de enfermedades comunes en las papas. University of Idaho College of Agriculture and Life Sciences YouTube channel. 2021.

- Thomas, J., N. Olsen, M. Thornton, J. Miller and J. Sagers. Calificando las papas y como mejorar la calidad. University of Idaho College of Agriculture and Life Sciences YouTube channel. 2021.
- Thomas, J., N. Olsen, M. Thornton, and J. Sagers. Como reducir caidas y moretones en las papas. University of Idaho College of Agriculture and Life Sciences YouTube channel. 2021.
- Thomas, J., N. Olsen, M. Thornton. How to reduce potato bruising. University of Idaho College of Agriculture and Life Sciences YouTube channel. 2021.
- Thomas, J., N. Olsen, M. Thornton and J. Miller. Grading potatoes and how to improve quality. University of Idaho College of Agriculture and Life Sciences YouTube channel. 2021
- Thomas, J., N. Olsen, M. Thornton, J. Miller and G. Loomis. Five common potato diseases. University of Idaho College of Agriculture and Life Sciences YouTube channel. 2021
- Thomas, J. Casting insects in resin. The Insect Hunter YouTube Channel. 2020.
- Thomas, J. How to pin and spread insects. The Insect Hunter YouTube Channel. 2020.
- Thomas, J. Ultimate moth collection technique. The Insect Hunter YouTube Channel. 2020.
- Thomas, J. Collecting insects with a black light. The Insect Hunter YouTube Channel. 2020.
- Thomas, J. All about black widow spiders. Insect Hunter YouTube Channel. 2020.
- Thomas, J. Are spiders really all that bad. Insect Hunter YouTube Channel. 2020.
- Thomas, J. New insect trap demo. Insect Hunter YouTube Channel. 2020.
- Chen, J. and **J. Thomas**. Spring wheat and new experimental lines. University of Idaho College of Agriculture and Life Sciences YouTube Channel. 2020.
- Chen, J. and **J. Thomas**. Winter wheat in irrigated trials. University of Idaho College of Agriculture and Life Sciences YouTube Channel. 2020.
- Chen, J. and **J. Thomas**. Winter wheat in dryland trials. University of Idaho College of Agriculture and Life Sciences YouTube Channel. 2020.
- Chen, J. and **J. Thomas**. Spring wheat cultivars and new experimental lines at Aberdeen Research and Extension Center. University of Idaho College of Agriculture and Life Sciences YouTube Channel. 2020.
- Olsen, N. M., M. Thornton, **J. Thomas**, and M. De Haro Marti. Moviendo papas desde el camión al apilador. University of Idaho Potato Bruise Management Video Series. 2020.
- Olsen, N. M., M. Thornton, and **J. Thomas**. Moving potatoes from truck to piler. University of Idaho Potato Bruise Management Video Series. 2020.
- Olsen, N., M. Thornton, **J. Thomas**, and M. De Haro Marti. Descargando papas hacia afuera del depósito, University of Idaho Potato Bruise Management Video Series. 2020.
- Olsen, N., M. Thornton, and **J. Thomas**. Unloading potatoes out of storage, University of Idaho Potato Bruise Management Video Series. 2020.
- Olsen, N., M. Thornton, and **J. Thomas**. Las mejores practicas para apilar las papas. University of Idaho Potato Bruise Management Video Series, 2020.
- Olsen, N., M. Thornton, and **J. Thomas**. Best practices for piling potatoes. University of Idaho Potato Bruise Management Video Series, 2020.
- Thomas, J. My insect collection part three. The Insect Hunter YouTube Channel. 2020.
- Thornton, M., N. Olsen and **J. Thomas**. Operación de una windrower para papas de calidad. University of Idaho Potato Bruise Management Video Series, 2019.
- Thornton, M., N. Olsen and **J. Thomas**. Windrower operation. University of Idaho Potato Bruise Management Video Series, 2019.
- Thornton, M., N. Olsen and **J. Thomas**. Operación de una harvester para papas de calidad. University of Idaho Potato Bruise Management Video Series, 2019.
- Thornton, M., N. Olsen and **J. Thomas**. Harvester operation. University of Idaho Potato Bruise Management Video Series, 2019.
- Thomas, J. Paper wasp honey taste test. The Insect Hunter YouTube Channel. 2019.
- Thomas, J. My insect collection part two. The Insect Hunter YouTube Channel. 2019.
- Thomas, J. Plant hijackers: gall aphids. The Insect Hunter YouTube Channel. 2019.
- Thomas, J. My insect collection part one. The Insect Hunter YouTube Channel. 2019.
- Thomas, J. New list of exempt species from U.S. permits for Aphis PPQ 256. The Insect Hunter

- YouTube Channel. 2019.
- Thomas, J. Rearing stick insects. The Insect Hunter YouTube Channel. 2019.
- Thomas, J. Pitfall traps in sand dunes. The Insect Hunter YouTube Channel. 2019.
- Thomas, J. How to legally keep exotic insects: APHIS PPQ permits overview. The Insect Hunter YouTube Channel. 2019.
- Thomas, J. Live question and answer and channel update. The Insect Hunter YouTube Channel. 2019.
- Thomas, J. Artist creates awesome insect scene on the spot. The Insect Hunter YouTube Channel. 2019.
- Thomas, J. New insect with surprising name. The Insect Hunter YouTube Channel. 2018.
- Thomas, J. How to take better photos of insects for identification. The Insect Hunter YouTube Channel. 2018.
- Thomas, J. Why researchers need to kill insects sometimes. The Insect Hunter YouTube Channel. 2018.
- Thomas, J. How to kill and preserve insects and spiders. The Insect Hunter YouTube Channel. 2018.
- Thomas, J. S. Satterlee and K. Kluksdal. Idaho Grain Producers Association annual update. Idaho Grain Producers Association. 2018.
- Thomas, J. How to collect insects with a wet shovel. The Insect Hunter YouTube Channel. 2018.
- Thomas, J. How to handle a live dragonfly. The Insect Hunter YouTube Channel. 2018.
- Thomas, J. Tarantula hawk barehand test. The Insect Hunter YouTube Channel. 2018.
- Thomas, J. Live tarantula hawk transfer. The Insect Hunter YouTube Channel. 2018.
- Thomas, J. Pop-up insect rearing and observation cage review. The Insect Hunter YouTube Channel. 2018.
- Thomas, J. Hatching baby stick insects live. The Insect Hunter YouTube Channel. 2018.
- Thomas, J. Essential insect collecting equipment for beginners. The Insect Hunter YouTube Channel. 2018.
- Thomas, J. Handling mountain insects live. The Insect Hunter YouTube Channel. June 16, 2018.
- Thomas, J. Picking the best net for insect collecting. The Insect Hunter YouTube Channel. 2018.
- Thomas, J. How to make a kill jar for insects and spiders. The Insect Hunter YouTube Channel. 2018.
- Thomas, J. Showing off my new pets live and question/answer period. The Insect Hunter YouTube Channel. 2018.
- Thomas, J. How to relax and pin dehydrated insects. The Insect Hunter YouTube Channel., 2018.
- Thomas, J. Sorting a box of old specimens. The Insect Hunter YouTube Channel. 2018.
- Thomas, J. Found huge larva: handling with bare hands. The Insect Hunter YouTube Channel. 2018.
- Thomas, J. Live top five specimens and question and answer period. The Insect Hunter YouTube Channel. 2018.

### **Displays and Posters:**

- Thomas, J. Bugs don't bug me booth, Minidoka County Teens Association Carnival, Rupert, Idaho, October 6, 2023; Minidoka County Ag Days, Rupert, Idaho, May 8-9, 2023; Rupert Idaho, October 7, 2022.
- Thomas, J. and H. Halverson, Bug Extravaganza, Minidoka County Fair Booth, Rupert, Idaho, August 2-5, 2023.
- Thomas, J. Handling bugs and spiders to overcome your fears. De Mary Memorial Library Summer Lunch in the Park Program, Rupert, Idaho, July 13, 2023; Minidoka County Courthouse, Rupert, Idaho, October 31, 2022.
- Thomas, J. and G. Loomis, Pest friends booth, University of Idaho Department of Entomology Plant Pathology and Nematology, Moscow, Idaho, August 23, 2022.
- Thomas, J. and E. Ficek, Bug Extravaganza, Minidoka County Fair Booth, Rupert, Idaho, August 3-6, 2022.

- Thomas, J. Bugs don't bug me booth. Minidoka County Teens Association Carnival, Rupert Idaho, October 8, 2021.
- Thomas, J. D. Bair, G. Loomis, S. Fannesbeck and J. Packham, Bug Extravaganza, Oneida County Fairgrounds, Malad Idaho, September 17, 2021.
- Thomas, J. and D. Bair, Bug Extravaganza, Minidoka County Fair Booth, Rupert, Idaho, August 3-7, 2021.
- Thomas, J. and G. Loomis. Utilizing barn owls to assist with vole management, Ketchum Farmers Market Booth, Ketchum, Idaho, September 15, 2020.
- Brady, G. and **J. Thomas**, 3, 2, 1 launch. Minidoka County Fair Booth, Rupert, Idaho, August 1, 2020.
- Thomas, J. Bug extravaganza. Minidoka County Fair Booth, Rupert, Idaho, July 31-August 1, 2020.
- Thomas, J. Bugs friends or foe. Heyburn Elementary School STEAM Night, Heyburn, Idaho, March 12, 2020.
- Thomas, J. Bugs friends or foe. Rupert Elementary School Science Night, Rupert, Idaho, February 13, 2020.
- Thomas, J. Utilizing barn owls to manage rodents booth. Minidoka County Teens Association Carnival, Rupert Idaho, October 11, 2019.
- Thomas, J. Insect extravaganza booth. Minidoka County Teens Association Carnival, Rupert Idaho, October 11, 2019; Minidoka County Fair, Rupert Idaho, August 1, 2019.
- Thomas, J. Utilizing barn owl boxes to manage rodents booth. Minidoka County Fair, Rupert Idaho, July 30-August 3, 2018.

#### **Non-Credit Classes, Presentations, Workshops, Seminars, Invited Lectures, etc.:**

##### **Agriculture and Natural Resources:**

- Loomis, G. and **J. Thomas**, Thomas, J. and G. Loomis, Pest Friends an IPM Simulation, University of Hawaii Extension Inservice Meeting, Kapa'a, Hawaii, October 29, 2023 (Invited Speakers); Cultivating Healthy Plants Webinar, Virtual, September 21, 2023; Western States Regional Integrated Pest Management Annual Meeting, Homer, Alaska, September 7, 2023 (Invited Speakers); Syngenta Global Sustainability Team Meeting, Virtual, August 9, 2023; Syngenta International Meeting, Virtual, May 16, 2023; BYU-Idaho college of Ag professional development workshop, Rexburg Idaho, March 31, 2023; University of Idaho-Idaho Falls Research and Extension Center workshop, March 30, 2023;
- Thomas, J., Beneficial Insects and How to Support them, Burley Kiwanis Club, Burley, Idaho, June 21, 2023 (Invite Speaker); Fort Hall Gardening Class Series, Fort Hall, Idaho, April 17, 2023.
- Thomas, J. and G. Loomis, Pest Friends Training Workshop, Montana State University Extension Ag Update, Miles City, Montana, May 23, 2023 (Invited Speakers). University of Idaho Extension Advisory Board Annual Meeting, Moscow, Idaho, October 20, 2022; Syngenta Global Sustainability International Group, Virtual Meeting, October 11, 2022; Western SARE regional meeting, Cody, Wyoming, July 13, 2022 (Invited Speakers); Western IPM Center, Virtual, September 14, 2022 (Invited Speakers); UI Extension Leadership Retreat, Salmon, Idaho, June 22, 2022; Extension Entomology Professional Development Conference, Hamilton, Texas, February 16, 2022, Invited Speakers; Idaho Potato Conference, Pocatello, Idaho, January 19-20, 2022.
- Thomas, J. The pest friends board game why IPM matters, Mini-Cassia Master Gardener Inservice, Burley, Idaho, March 11, 2023.
- Thomas, J. The pest friends board game: why IPM matters to pollinators, University of Idaho Pollinator Summit, Moscow, Idaho, March 2, 2023.
- Thomas, J. The usage of barn owl boxes in agriculture, College of Southern Idaho Raptor Club, Twin Falls, Idaho, January 30, 2023.
- Thomas, J. Pest friends an IPM board game, University of Idaho Department of Entomology, Plant Pathology and Nematology Seminar Series, Virtual, January 23, 2023.
- Thomas, J. Insectos beneficiosos y como apoyarlos, University of Idaho Potato Conference Spanish Session, Pocatello, Idaho, January 18, 2023.

- Thomas, J. Pest Friends Board Game Workshop, Minidoka County Extension Office, Rupert, Idaho, January 12, 2023.
- Thomas, J. Recent Invasive insects in Idaho, UI Extension PSEP Recertification Webinar, Virtual, Statewide, December 13, 2022.
- Thomas, J. Bugs don't bug me, Magic Valley Pesticide Recertification Seminars, Burley, Idaho, December 1, 2022; Twin Falls, Idaho, November 30, 2022.
- Thomas, J. Teaching IPM through game-based learning, Idaho Association of Plant Protection annual meeting, Twin Falls, Idaho November 3, 2022.
- Thomas, J. and G. Loomis, Pest friends an IPM Simulation, Utah State University State IPM Coordinator Training, Logan, UT, October 27, 2022.
- Thomas, J. Utilizing barn owls to assist with vole management, Pesticide Recertification Webinar Series, Virtual, August 9, 2022.
- Thomas, J. Using barn owls to manage vole populations, Nutrien Ag Solutions Grower Meeting, Virtual, March 1, 2022 (Invited Speaker).
- Thomas, J. Using barn owls to manage vole populations, Idaho Hay and Forage Conference, Twin Falls, Idaho, February 17, 2022.
- Thomas, J. Thinking outside of the box with vole management, Magic Valley Pesticide Recertification Seminars, Burley, Idaho, December 1, 2021.
- Thomas, J. Using barn owls to manage vole populations, University of Idaho Pesticide Recertification Webinar Series, November 9, 2021.
- Thomas, J., G. Loomis, J. Packham and T. Sorensen, Supporting barn owls to manage voles in Idaho, Idaho Ag Talk Tuesdays, Virtual, July 6, 2021.
- Thomas, J. Una introducción a la Extension y los insectos y como nos afectan, Minidoka County School District's Migrant Worker Youth Program, Rupert, Idaho, June 25, 2021.
- Thomas, J. and G. Loomis, Pest friends: an IPM simulation, Central District Faculty Meeting, Rupert, Idaho, May 19, 2021.
- Thomas, J. and B. Stokes, The Idaho insect identification website, Idaho Ag Talk Tuesdays, Virtual, May 18, 2021.
- Thomas, J. An overview of barn owls and vole behavior, Hagerman Bird Festival, Hagerman Idaho, April 24, 2021, Invited Speaker.
- Thomas, J. Pest friends: an IPM simulation, College of Southern Idaho Horticulture Course, Twin Falls, Idaho, April 20, 2021.
- Findlay R. and **J. Thomas**, Monitoring & economic injury level of thrips in alfalfa, Idaho Hay and Forage Conference, Virtual, February 18, 2021.
- Duellman, K. and **J. Thomas**, Monitoring flying insects with bucket traps, University of Idaho Seed Potato Research Advisory Group, Virtual February 17, 2021.
- Miller, J., N. Olsen, and **J. Thomas**, Enfermedades communes de almacenamiento, Potato Conference-Spanish Session, Virtual, January 19, 2021.
- Thomas, J. University of Idaho Extension offices farmworker training, Idaho Migrant Education Program State Parent Advisory Council Meeting, November 5, 2020.
- Thomas, J. Overview of agricultural Extension programs in Minidoka County, Minidoka County Advisory Committee Meeting, Rupert, Idaho, November 2, 2020.
- Thomas, J. Utilizing barn owls to help manage voles and rodents, Brigham Young University Idaho-Forage Crop Class-Virtual, October 12, 2020.
- Thomas, J. How insects and spiders affect humans, Rupert Rotary Club, Rupert, Idaho, September 16, 2020.
- Thomas, J. and J. Sagers, Starling management on dairies, Ag Talk Tuesdays, August 18, 2020.
- Thomas, J. All about black widow spiders. Insect Hunter YouTube Live, April 30, 2020.
- Thomas, J. Are spiders really all that bad? Insect Hunter YouTube Live, April 23, 2020.
- Thomas, J. New insect trap demo, Insect Hunter YouTube Live, April 16, 2020.
- Thomas, J. General entomology, Master Gardener statewide Zoom class, April 7-8, 2020 (presented twice).
- Thomas, J. Utilizing barn owls to help manage voles. University of Idaho forage school, Blackfoot, Idaho, March 10, 2020; Mud Lake, Idaho, March 10, 2020.

- Thomas, J. El Apoyar insectos beneficiosos, Spanish Pesticide Safety Training, Caldwell, Idaho, February 27, 2020; Mountain Home, February 26, 2020.
- Thomas, J. and R. Findlay, Thrips update, Idaho Hay and Forage Conference, Burley, Idaho, February 20, 2020.
- Thomas, J. General entomology, pesticide applicator pre-license seminar, Jerome, Idaho, February 13, 2020.
- Thomas, J. Utilizing barn owls to reduce vole populations, Idaho Water Users Association recertification training, Rupert, Idaho, February 12, 2020; Idaho Falls, Idaho, February 11, 2020.
- Thomas, J. Understanding beneficial insects and pests to reduce pesticide dependency, Wood River Soil and Water Conservation District pesticide workshop, Shoshone, Idaho, February 7, 2020.
- Thomas, J. Barn owls assist with pest management of voles, Mini-Cassia Soil Health Workshop, Burley, Idaho, February 6, 2020.
- Thomas, J. Entender los insectos beneficiosos, Idaho Potato Conference- Spanish Session, January 22, 2020.
- Thomas, J. Supporting beneficial insects, University of Idaho pesticide recertification training, Twin Falls, Idaho, December 5, 2019; Burley, Idaho, December 4, 2019.
- Thomas, J. Supporting beneficial insects, Twin Falls County Master Gardener monthly meeting, Twin Falls, Idaho, September 17, 2019.
- Hines, S., C. Willmore, J. Packham, J. Sagers, **J. Thomas**, M. Ellison and G. Shewmaker. Simulated grazing timing and regrowth of annual cereal forage cover crops. Nancy M Cummins Research and Extension Center twilight tour, Salmon, Idaho, September 5, 2019.
- Hines, S., J. Packham, C. Willmore, J. Sagers, J. Hogge, **J. Thomas**, M. Ellison and G. Shewmaker, Cover crops projects overview, University of Idaho Extension Ag Talk Tuesday, Rupert, Idaho, August 20, 2019.
- Thomas, J. Utilizing barn owls to support Idaho agriculture, University of Idaho Extension Ag Talk Tuesday, Rupert, Idaho, August 20, 2019.
- Thomas, J. Meet a live barn owl event, Minidoka County Fair, Rupert, Idaho, August 2, 2019.
- Thomas, J. and L. Schwindt, Supporting barn owls to help Idaho agriculture, Hagerman Bird Festival, Hagerman, Idaho, May 17, 2019. Invited Speaker.
- Thomas, J. Utilizing barn owls to manage voles, Mini-Cassia Master Gardeners meeting, Rupert, Idaho, April 2, 2019.
- Thomas, J. Como utilizar las lechuzas de granero para controlar ratones del campo, Spanish Pesticide Safety Training, Rupert, Idaho, March 20, 2019; Rigby, Idaho, February 21, 2019; Caldwell, Idaho, February 20, 2019; Mountain Home, Idaho, February 19, 2019.
- Thomas, J. La identificación de insectos comunes, Spanish Pesticide Safety Training, Rupert, Idaho, March 20, 2019; Rigby, Idaho, February 21, 2019; Caldwell, Idaho, February 20, 2019; Mountain Home, Idaho, February 19, 2019; Idaho Potato conference- Spanish Session, January 23, 2019.
- Thomas, J. Beneficial insects, Mini-Cassia Master Gardener's symposium, Burley, Idaho, March 9, 2019.
- Thomas, J. Utilizing barn owls to manage voles in Idaho, Prairie Falcon Audubon Society meeting, Twin Falls, Idaho, March 7, 2019.
- Thomas, J. Identifying common Idaho insect identification and barn owl box program summary, Idaho Hay and Forage Conference, Burley, Idaho, February 22, 2019.
- Thomas, J. and R. Findlay, Monitoring thrips in alfalfa update, Idaho Hay and Forage Conference, Burley, Idaho, February 22, 2019.
- Willmore, C. J., S. Hines, J. Packham, L. Golden, **J. Thomas**, J. Sagers, M. Ellison, and G. Shewmaker. Simulated grazing timing and regrowth of annual cereal forage cover crops. Idaho Hay and Forage Growers conference. Burley, Idaho. February 21, 2019.
- Thomas, J. Agricultural Extension programs in Minidoka County, Minidoka County Advisory Board meeting, Rupert, Idaho, February 29, 2019.

- Thomas, J. Como utilizar los búhos de granero para controlar ratones del campo, Idaho Potato Conference-Spanish Session, January 23, 2019.
- Thomas, J. Common Idaho insect identification, Idaho Potato Conference, Pocatello, Idaho, January 23, 2019; University of Idaho Pesticide Recertification training, Twin Falls, Idaho December 6, 2018.
- Thomas, J. Utilizing barn owl boxes to help manage vole populations, University of Idaho pesticide recertification training, Twin Falls, Idaho December 6, 2018; Burley, Idaho December 5, 2018; Idaho Association of Plant Protection annual meeting, Twin Falls, Idaho November 8, 2018; Minidoka County cereal field day, Rupert, Idaho, July 10, 2018.
- Thomas, J. Pest management basics in the home and garden, Rupert 2nd Ward relief society training, Rupert, Idaho, May 8, 2018.
- Thomas, J., Insect identification basics, Minidoka and Cassia County Master Gardeners monthly meeting, Rupert, Idaho, February 13, 2018.
- Thomas, J., S. Hines and J. Packham. Farm owner and employee compensation and benefits, farm estate planning class, Burley, Idaho, Jan 25, 2018; Shoshone, Idaho, Jan 24, 2018; Buhl, Idaho, Jan 23, 2018.

#### **4-H Youth Development and Volunteer Development:**

- Thomas, J. Handling bugs from around the world, Boise Botanical Gardens, Boise, Idaho, September 16, 2023; August 20, 2022.
- Thomas, J. Bug Day, Rupert Elementary School 1<sup>st</sup> Grade Science Hour, Rupert, Idaho, April 27, 2023.
- Thomas, J. and S. Fonnesebeck, Bugstravaganza, Oneida County Extension Office, Malad, Idaho, October 21, 2022.
- Thomas, J. Handling bugs from around the world, Tech Trep Academy Class, Oneida County Extension Office, Malad, Idaho, October 21, 2022.
- Thomas, J. Spiders and Arachnids. J.R. Simplot S.T.E.M. Elementary School, 5th grade, American Falls, Idaho. October 13, 2022.
- Thomas, J. Advanced entomology class, Minidoka County Extension Office, Rupert, Idaho, July 7, 2022.
- Thomas, J. Insects and spiders, Oneida County Clover Club, Malad, Idaho, July 5, 2022.
- Thomas, J. and G. Loomis, Bug extravaganza, Washington County Extension Office, Weiser, Idaho, June 24, 2022.
- Thomas, J. Casting resin, Minidoka County Extension Office, Rupert, Idaho, May 12, 2022.
- Thomas, J. and D. Bair, Bugs don't bug me, Minidoka County Ag Expo, Rupert, Idaho, May 3, 2022; Menan, Idaho, April 20, 2022.
- Thomas, J. Bugs don't bug me Eastern District 4-H Inservice, Jefferson County Extension Office, Rigby, Idaho, April 19, 2022.
- Thomas, J., M. Lewis and D. Bair, STEAM day camp, Minidoka County 4-H Jump into Spring, Rupert, Idaho, March 23, 2022; Tech Trep academy STEAM day camp, Rupert, Idaho, March 3, 2022.
- Thomas, J. and G. Loomis, The amazing world of bugs, Hemmingway STEM School, Ketchum, Idaho, February 10, 2022; Sage School, Hailey, Idaho, February 10, 2022.
- Thomas, J. and G. Loomis, The amazing world of bugs, Syringa Mountain School, Hailey, Idaho, February 10, 2022, (2 classes); Rupert Elementary School science fair, Rupert, Idaho, February 8, 2022.
- Thomas, J. and D. Bair, Using Engineering to Tackle Conundrums, East Minico Middle School Power Hour Class, Rupert, Idaho, January 20, 2022.
- Thomas, J. and D. Bair, Spiders and Arachnids, East Minico Middle School Power Hour Class, Rupert, Idaho, December 2, 2021
- J. Thomas. Using improv comedy to help build youth resilience, Minidoka County Extension Office, Rupert, Idaho, November 17, 2021.
- M. Lewis, D. Bair and **J. Thomas**, Bugs don't bug me, Heyburn Elementary School, Entire School Mini-Series, November-December 2021.

- Thomas, J. and D. Bair, Spiders and Arachnids, East Minico Middle School Power Hour Class, Rupert, Idaho, November 4, 2021; East Minico Middle School Power Hour Class, Rupert, Idaho, November 4, 2021; Acorn Learning Kinder, Twin Falls, Idaho, October 26, 2021.
- Thomas, J. and D. Bair, Potions and Fantastical Beasts Class, The Wilson Theater Wizarding Experience, Rupert, Idaho, October 21-23, 2021.
- Thomas, J. Bugs don't bug me. Grangeville Elementary School, Grangeville, Idaho, October 19, 2021.
- Thomas, J. Are spiders and arachnids good or evil? J.R. Simplot Elementary School 5th grade classes, American Falls, Idaho, October 14, 2021.
- J. Thomas and D. Bair, How insects and spiders affect humans, Raft River Elementary School, All grades, Malta, Idaho, October 12, 2021; Wildlife 101 Class, MiniCo High School, Rupert, Idaho, September 7, 2021; Minidoka County School District Migrant Worker Youth Summer School, Rupert, Idaho, June 22-23, 2021; DeMary Memorial Library Tales and Tails Summer Activities, Rupert, Idaho, June 10, 2021; Minidoka County Clover Bud Day Camp, Rupert, Idaho, May 28, 2021; Minidoka County School District Ag Days, Minidoka County, Idaho, May 10-12, 2021; Acequia 1<sup>st</sup> Ward Activity Days, Rupert, Idaho, April 7, 2021; Acequia Elementary 1<sup>st</sup> Grade Class, Acequia, Idaho, April 6, 2021.
- Thomas, J. Barn owl biology puppet show, Minidoka County Clover Bud Day Camp, Rupert, Idaho, May 28, 2021.
- Thomas, J. How rodents affect humans, Minidoka County Clover Bud Day Camp, Rupert, Idaho, May 28, 2021.
- Thomas, J. How to properly pin insects, World by Charlie-Charlie Engelman YouTube Channel, Virtual, February 23, 2021.
- Thomas, J. and G. Loomis, Birds, barn owls and ecology, Tech Trep Academy virtual field trip, virtual, November 13, 2020 (presented twice).
- Thomas, J. Are spiders and arachnids good or evil?, J.R. Simplot Elementary School 5th grade classes, American Falls, Idaho, October 21, 2020.
- Thomas, J. Encasing insects and crafts in resin, Minidoka County Extension office, Rupert, Idaho, September 28, 2020.
- Thomas, J. How insects and spiders affect humans, Minico Science Club, Rupert, Idaho, September 24, 2020.
- Thomas, J. Encasing insects and crafts in resin, Minidoka County Teens Association, Rupert, Idaho, September 16, 2020.
- Thomas, J. Trapping and collecting insects. Tech Trep Academy virtual field trip, virtual, September 3, 2020.
- Thomas, J. Are spiders good or evil? Tech Trep Academy virtual field trip, virtual, September 2, 2020.
- Thomas, J. Insects, earth's greatest creatures. Tech Trep Academy virtual field trip, virtual, September 1, 2020.
- Thomas, J. Understanding and collecting insects, Twin Falls Boys and Girls Club summer camp, June 9, 2020.
- Thomas, J. Bugs: friends or monsters? Central district zoom into 4-H, virtual, April 16, 2020.
- Brady, G. and **J. Thomas**, Exploring physics: the slingshot experiment, Minico High School math and calculus classes, January 10, 2020.
- Thomas, J. How to create videos for Extension, Central District 4-H Team Meeting, Rupert, Idaho, January 8, 2020.
- Sorensen, T., **J. Thomas** and J. Rickman, An introduction to barn owls and ecology, J.R. Simplot Elementary School 5th grade classes, American Falls, Idaho November 1, 2019.
- Thomas, J. Awesome insects an introduction to entomology, DeMary Library teen group, Rupert, Idaho, October 21, 2019.
- Thomas, J. Bugs: Friends or foes, Rupert private home school group, Rupert, Idaho, September 27, 2019; Raft River scout troop, Raft River, Idaho, May 28, 2019; DeMary Library after school program, Rupert, Idaho, September 21, 2018; Malad Middle School after school program, Malad, Idaho, September 20, 2018; Cassia County 4-H day camp, Burley, Idaho, July 24, 2018.

- Thomas, J. How to utilize a smart phone to produce a video interview, 4-H camp counselor training, Shoshone Idaho, June 18, 2019.
- Thomas, J. The principles of integrated pest management, Minico High School crop science course, Rupert, Idaho, January 16, 2019.
- Thomas, J., T. Sorensen and J. Rickman. How to integrate barn owl boxes into science education, American Falls Intermediate School 5th grade coordination meeting, American Falls, Idaho, December 19, 2018.
- Thomas, J. The exciting world of insects, Murtaugh Elementary School kindergarten class, Murtaugh, Idaho, May 9, 2018; St. Nicholas Catholic School 2nd grade class, Rupert, Idaho, April 18, 2018; March 21, 2018.
- Thomas, J. Utilizing mealworms for protein in poultry, Minidoka County chicken camp, Rupert Idaho, April 24, 2018.
- Thomas, J. How to make an insect collection, 4-H Jump into Spring program, Rupert, Idaho, March 28, 2018.
- Thomas, J. Cockroaches and scientific exploration, DeMary Library's tween program, Rupert, Idaho, March 21, 2018; DeMary Library's make it program, Rupert, Idaho, March 13, 2018.

#### **Extension Media Production and Educational Techniques:**

- Thomas, J. Using tabletop roleplaying games as a team building experience. University of Idaho Extension Publishing Team Retreat, September 28, 2023, Moscow, Idaho (Invited Speaker); Ada County Extension Office Team Meeting, Virtual, June 30, 2023.
- Thomas, J. and R. Patterson. Video script development training. University of Idaho Extension Virtual Meeting, November 10, 2020.
- Thomas, J. Making Zooms more fun and engaging, University of Idaho Extension Training Series, Virtual, May 26, 2020.
- Thomas, J. Educational video production in Extension, Central District Faculty Meeting, Sun Valley, Idaho, May 15, 2019.
- Thomas, J. How to use Qualtrics as a programming tool, Monthly New Educator Zoom Training, University of Idaho Extension, Virtual, March 4, 2019.
- Ekins, J., J. Thomas and H. Guske. 2018. How to create a scholarly video, University of Idaho Extension Annual Conference, Moscow, Idaho.

#### **SCHOLARSHIP ACCOMPLISHMENTS:**

Description of personal contributions

a. Graduate work

\* Corresponding author

1. Developed project idea
2. Obtained or provided project funding/resources
3. Collected data
4. Analyzed data
5. Contributed significantly to writing
6. Contributed significantly to editing

#### **Publications, Exhibitions, Performances, Recitals:**

##### **Refereed:**

##### **Extension Publications:**

##### **Curricula:**

- Thomas, J. and G. Loomis, Pest friends: an educational board game about pest management, ECS 20, University of Idaho, October 2022 (1,2,3,4,5,6).

##### **Bulletins/Pacific Northwest (PNW) Publications:**

- Thomas, J., J. Rickman, J. Packham and T. Sorensen, Utilizing Barn Owl Boxes for Management of Vole Populations, BUL 962, University of Idaho, May 2020 (1,2,3,4,5,6).
- Willmore, C., **J. Thomas**, S. Hines, Grasshopper Management in the Pacific Northwest, BUL 972, University of Idaho, March 2020 (2,3,4,5,6).
- Thomas, J., B. Stokes, J. Buck, Pantry Pest Guide, PNW 729, University of Idaho. 2020. (1,2,4,5,6).

#### Videos/Educational Media:

- Thomas, J., K. Duellman, E. Wenninger. 2021. Monitoring Insects with Bucket Traps, EVS 026, University of Idaho Extension, <https://youtu.be/yOuONkNjdPw>

#### Peer Reviewed/Evaluated:

##### Journals:

- Golden, L.A., M.L. Hubbard, S. Ulych, S.M. Newman, S. Hines, **J. Thomas**, N. Andrews, R.L. Som Castellano, D.P. Collins, C. Sullivan, Benefits, Barriers, and Use of Cover Crops in the Western United States: Regional Survey Results, Journal of Soil and Water Conservation March 2023, 00170; DOI: <https://doi.org/10.2489/jswc.2023.00170> (1,2,3,6)
- Loomis, G. and **J. Thomas**. 2022. Application of integrated pest management skills through a board game simulation, Journal of the National Association of County Agricultural Agents, Volume 15, Issue 2 (1,2,3,4,5,6).
- Thomas, J., J. Packham, N. Ghimire. 2020. Money doesn't always matter, low-cost ways to increase the longevity of southern Idaho's Hispanic agricultural employees, Journal of the National Association of County Agricultural Agents, Volume 13, Issue 12 (1,2,3,4,5,6).
- Findlay, J.R., J. Hogge, M. Leslie, S. Reitz, J. Sagers and **J. Thomas**. 2020. Evaluating Thrips Damage on Idaho Alfalfa Crops, Journal of the National Association of County Agricultural Agents, Volume 13, Issue 1 (1,6).
- Thomas, J., R. Bowling and M. Brewer. 2018. Learning Experiences in IPM Through Concise Instructional Videos, Journal of Integrated Pest Management, Volume 9, Issue 1 (a).

##### Abstracts and Proceedings:

- Hines, S., J. Packham, G. Loomis, **J. Thomas**, A. Adjesiwor, Interseeding Cover Crop into Silage Corn Grown on Wide Row Spacings, 2023 Chad Reid Western Region NACAA Professional Improvement Conference, Hurricane, UT, September 19-21, 2023. (Abstract)
- Loomis, G. and **J. Thomas**. 2022. Pest friends a board game simulation of pest management, Proceedings of National Vertebrate Pest Conference, Reno, Nevada (1,2,3,4,5,6)
- Thomas, J., J. Packham, T. Sorensen and J. Rickman. 2020. Utilizing Wireless Endoscopes to Capture Visual Nesting Data: An Affordable Time Efficient Solution, Proceedings of National Vertebrate Pest Conference, Santa Barbara, California (1,2,3,4,5,6)
- Westerhold, A. and **J. Thomas**. 2020. Going Live on YouTube, Idaho Association of County Agricultural Agents Summer Meeting, Shoshone, Idaho, September 23, 2020. (2,5,6)
- Thomas, J. 2019. Utilizing Digital Tools to Improve Extension Programs, Idaho Association of County Agricultural Agents Summer Meeting, Rexburg, Idaho.
- Thomas, J. 2018. Costs and Benefits of Instructional Training Videos in Extension, Idaho Association of County Agricultural Agents Summer Meeting, Cambridge, Idaho.

#### Other:

##### University of Idaho Extension Impact Statements:

- Hatch, J. L., J. Spackman, J. Marshall, **J. Thomas**, B. Henderson, R. Findlay, T. Jacobsen, J. Gibbons, R. Patterson, J. Sagers, D. Callister, A. Adjesiwor, and X. Liang. 2023. Local data for local cereal grain growers. <https://www.uidaho.edu/-/media/UIIdaho-Responsive/Files/Extension/admin/Impacts/2023/33-23-jhatch-cereal-school.pdf>.
- Hines, S., J. Packham, G. Loomis and J. Thomas. 2023. Cover crop interseeded into wide row silage corn shows promise. <https://www.uidaho.edu/-/media/UIIdaho-Responsive/Files/Extension/admin/Impacts/2023/29-23-shines-corn-interseeded.pdf>
- Thomas, J., T. Sorensen, G. Loomis and J. Packham. 2022. Barn owl box programs help farmers adopt sustainable rodent strategies, <https://www.uidaho.edu/-/media/UIIdaho-Responsive/Files/Extension/admin/Impacts/2022/38-22-jthomas-barn-owl-box.pdf>
- Thomas, J. and B. Stokes, UI Extension's insect identification website supports Idahoans and the environment. 2022. <https://www.uidaho.edu/-/media/UIIdaho-Responsive/Files/Extension/admin/Impacts/2022/45-22-jthomas-insect-identification.pdf>
- Sagers, J., **J. Thomas**, M. Thornton and N. Olsen. 2022. Spanish online learning format helps Hispanic workers in the potato industry. <https://www.uidaho.edu/-/media/UIIdaho-Responsive/Files/Extension/admin/Impacts/2022/19-22-jsagers-hispanic-workers.pdf>
- Thomas, J. 2022. Reducing fear in future pest managers through hands on experiences. <https://www.uidaho.edu/-/media/UIIdaho-Responsive/Files/Extension/admin/Impacts/2022/16-22-jthomas-pest-managers.pdf>
- Loomis G. and **J. Thomas**. 2022. Improving IPM skills through the pest friends board game. <https://www.uidaho.edu/-/media/UIIdaho-Responsive/Files/Extension/admin/Impacts/2022/8-22-gloomis-pest-friends.pdf>
- Thomas, J. 2020. Virtual field trips improve youth perceptions of insects and spiders. <https://www.uidaho.edu/-/media/UIIdaho-Responsive/Files/Extension/admin/Impacts/2020/43-20-jthomas-bug-education.pdf>.
- Gillespie, D., B. Hutchings, M. Barlow, D. Peavler, R. Davids, **J. Thomas**, T. Miller, G. Wittman, C. Kinder, and C. Vaughan. 2020. Zoom into 4-H; Central District Bringing 4-H to Local Families. (2,3,6) <https://www.uidaho.edu/-/media/UIIdaho-Responsive/Files/Extension/admin/Impacts/2020/13-20-dgillespie-zoom-into-4h.pdf>
- Werlin, J., A. West, R. Findlay, L. Ellis, R. Patterson, **J. Thomas** and N. Ghimire 2020. Growing the master gardener program using hybrid online/in-person learning. (2,6) <https://www.uidaho.edu/-/media/UIIdaho-Responsive/Files/Extension/admin/Impacts/2020/26-20-jwerlin-master-gardener.pdf>.
- Stokes, B., J. Sagers, J. Neufeld, R. Hirnyck and **J. Thomas**. 2019. Spanish Pesticide Safety Training Program Brings New Audience to UI Extension. (2,3,6) <https://www.uidaho.edu/-/media/UIIdaho-Responsive/Files/Extension/admin/Impacts/2019/27-19-bstokes-spanish-pesticide.pdf>

#### **Thesis and Dissertations:**

- Thomas, J. 2017. Entomology Extension Education: Determining Competency Differences in Learning Approaches for Sugarcane Aphid. Texas A&M University. Master of Science thesis.

#### **Scholarly Presentations and Other Creative Activities:**

##### **Displays and Posters:**

- Thomas, J and G. Loomis, Making Pest Management Fun and Engaging Through a Board Game Curriculum, NACAA AM/PIC, Des Moines, Iowa, August 16, 2023 (1,2,3,4,5,6)

Stokes, B. and **J. Thomas**. 2020. Idaho Insect Identification – Using Technology to Connect the Public to Entomology Educators. Entomology 2020. Entomological Society of America (ESA) Virtual National Annual Meeting.

Thomas, J. 2018. The Insect Hunter YouTube Channel Booth, Get-and-Go STEM bugs Workshop, Entomological Society of America, Entomological Society of Canada and Entomological Society of British Columbia Joint Annual Meeting. Vancouver, British Columbia, Canada.

### **Professional Meeting Papers, Workshops:**

#### **National:**

Loomis, G. and J. Thomas. 2022. Pest friends a board game simulation of pest management, Vertebrate Pest Conference, Reno, Nevada.

Thomas, J. 2020. Creating a niche focused Entomology YouTube channel to increase awareness of insects and general entomology, Entomological Society of America Virtual Annual Meeting, Virtual.

Thomas, J. 2020. Utilizing YouTube and wireless endoscopes: game changers for entomology outreach, Entomological Society of America Virtual Annual Meeting, Extension Entomology Share Fair, Virtual.

Thomas, J., J. Packham, T. Sorensen and J. Rickman. 2020. Utilizing Wireless Endoscopes to Capture Visual Nesting Data: An Affordable Time Efficient Solution, Vertebrate Pest Conference, Santa Barbara, California.

#### **Regional:**

Hines, S., J. Packham, G. Loomis, **J. Thomas**, A. Adjesiwor, Interseeding Cover Crop into Silage Corn Grown on Wide Row Spacings, 2023 Chad Reid Western Region NACAA Professional Improvement Conference, Hurricane, UT, September 19-21, 2023.

#### **State:**

Loomis, G. and **J. Thomas**, Utilizing VR in extension, Idaho Association of County Ag Agents Summer Meeting, Rigby, Idaho, May 31, 2023.

Hines, S., Packham, J., Loomis, G. and **J. Thomas**, Interseeding cover crop into silage corn grown on wide row spacings, Idaho Association of County Ag Agents Summer Meeting, Rigby, Idaho, May 31, 2023.

Loomis, G. and **J. Thomas**, Developing a board game simulation-tools, tips and challenges, University of Idaho Extension Annual Conference Workshop, April 14, 2022.

Thomas, J. and G. Loomis, Developing a board game simulation-tools, tips and challenges, University of Idaho Extension Annual Conference Ignite presentations, April 14, 2022.

Westerhold, A. and **J. Thomas**. 2020. Going Live on YouTube, Idaho Association of County Agricultural Agents Summer Meeting, Shoshone, Idaho.

Thomas, J. 2019. Utilizing Digital Tools to Enhance Extension Programs, Idaho Association of County Agricultural Agents Summer Meeting, Rexburg, Idaho.

Thomas, J. 2018. Costs and Benefits of Instructional Training Videos in Extension, Idaho Association of County Agricultural Agents Summer Meeting, Cambridge, Idaho.

### **Grants and Contracts Awarded:**

Thomas, J. and G. Loomis, Enhancing Integrated Pest Management Skills Through an Educational Board Game. Western SARE (Sustainable Agriculture Research and Extension) Professional Development Program Grant, 2022-2025, \$100,000 (full spending authority).

Thomas, J. Extension Implementation Plan for IPM in Idaho Subaward. USDA-NIFA-EIP, 2021-20214, Total \$11,336 (Spending Authority \$11,336).

Thomas, J., B. Hutchings and J. Bywater, Providing Hands On Educational STEAM (Science, Technology, Engineering, Art and Mathematics) Activities to Support Student Learning and Address Educational Learning Loss, American Rescue Plan Act Community Program Grant, 2021-2022 \$80,000 (full spending authority).

Hines, S., C. Sullivan, **J. Thomas**, L. Golden. Developing the Western Cover Crop Council and promoting the regenerative agriculture movement through cover crops and human health, WSARE State Enhancement grant, 2019-2021, \$100,000, (no spending authority).

### Internal Funding Awarded:

Thomas, J. UI Extension Food Production Priority Extension Theme Travel Award, 2023, \$400 (full spending authority).

Thomas, J. and B. Stokes. UI Extension Innovative Project Award, Enhancing the Idaho Insect Identification Website for Sustainability, 2023, \$6,700 (full spending authority).

Thomas, J. UI Extension Travel Award, University of Idaho Pollinator Summit, 2023, \$500 (full spending authority).

Thomas, J. Central District Travel Award, Leadership Idaho Agriculture Professional Development, 2022, \$2500 (full spending authority).

Thomas, J. Idaho SARE Mini-Grant, Increasing Knowledge on Vertebrate Pests Travel, 2022, \$1,500 (full spending authority).

Thomas, J. and G. Loomis, Innovative Project Grant, Developing an IPM Board Game, 2021, \$2,000 (full spending authority).

Thomas, J. Expanding Entomology and Art Education for Youth, Ignite Your Spark Program Capacity Building Grant Sub Award, 2021, \$35,000 (full spending authority).

Thomas, J. and G. Loomis, Idaho SARE Mini-Grant, Increasing Farmer Education on Vole Trapping and Monitoring Tools, 2021, \$3,000 (full spending authority).

Thomas, J. Idaho SARE Mini-Travel Grant, Vole and Insect Pest Management, 2021, \$1,320 (full spending authority).

Loomis, G., **J. Thomas**, S. Hines, J. Packham, J. Sagers, A. Westerhold, Innovative Project Grant, Monitoring the Effects of Zinc Phosphide on Vole Populations, 2021, \$4,425 (full spending authority).

Loomis, G., **J. Thomas**, S. Hines, J. Packham, J. Sagers, A. Westerhold, Idaho SARE Mini-Grant, Monitoring the Effects of Zinc Phosphide on Vole Populations, 2020, \$3,000 (full spending authority).

Loomis, G., **J. Thomas**, Idaho SARE Mini-Grant, Cover Cropping: The Basics Video Production, 2020, \$2,620 (full spending authority).

Thomas, J., G. Loomis, B. Stokes, Idaho SARE Mini-Grant, Increasing Knowledge About the Principles of IPM (Integrated Pest Management) Through Innovative Experiences, 2020, \$2,792 (full spending authority).

Thomas, J., Idaho SARE Travel Grant, Vertebrate Pest Conference Attendance, 2020, \$800 (full spending authority).

Thomas, J., C. Schnepf, J. Ekins, R. Patterson, University of Idaho Innovative Project Awards, Video Boot Camp, 2019, \$10,000 (full spending authority).

Thomas J., Cereal Field Day Scholarship, 2019, \$300.

Findlay, R., **J. Thomas**, G. Shewmaker, J. Sagers, A. Rashad, S. Reitz and J. Hogge, University of Idaho Innovative Project Awards, Evaluation and Monitoring of Thrips in Alfalfa, 2018, \$5,000 (no spending authority).

Thomas, J., J. Rickman, J. Packham, University of Idaho Innovative Project Awards, Utilizing Barn Owls to Help Manage Vole Populations, 2018, \$4,020 (full spending authority).

Thomas, J., J. Rickman, J. Packham, Idaho SARE Mini-Grant, Utilizing barn owl boxes to help manage Idaho vole populations, 2018, \$3,000 (full spending authority).

Thomas J., Cereal Field Day Scholarship, 2018, \$300.

Willmore, C. S. Hines, J. Packham, L. Golden and **J. Thomas**, University of Idaho Extension Innovative Project Grant, Cereal Forage Production Using Simulated Grazing, 2018, \$5,000 (No spending authority).

### In-kind and Industry Support:

Maybe, D. and **J. Thomas**, Hands on Soil Moisture Workshops, National Resource and Conservation Services - USDA donated supplies, \$1,000.

Loomis, G. and **J. Thomas**, Syngenta Global Sustainability International Team Gift, 2023, \$30,000 (full spending authority)  
 Loomis, G., T. Sorensen and **J. Thomas**, Idaho Water Users Association Donation (A new computer and funds to help with travel), 2022, \$5,500 (\$2,271 spending authority).  
 Thomas, J. Industry Sponsored Minidoka County Cereal Field Day Lunch Sponsors 2019, \$240.  
 Thomas, J. Industry Sponsored Mini-Cassia Agricultural Survey Prizes, 2018, \$425.  
 Thomas, J. Industry Sponsored Minidoka County Cereal Field Day Lunch Sponsors, 2018, \$320.  
 Thomas, J. Idaho Hay and Forage Association, Sponsored Thrips Survey, 2018, \$100.

#### **Scholarship Honors and Awards:**

Thomas, J. The National Association of County Agricultural Agents, Achievement Award, 2023.  
 Loomis, G. and **J. Thomas**, The National Association of County Agricultural Agents, Communications Award-Publication, National Winners, "Pest Friends Board Game", 2023.  
 Thomas, Jason, C. Duellman, National Association of County Agricultural Agents, Communications Award-Education Video Recording, National Winner, 2021.  
 Bean, B., R. Bowling, M. Brewer, D. Buntin, N. Elliot, J. Gordy, A. Jacobson, R. Navarrete-Ganchozo, N. Seiter, **J. Thomas**, J. Woolley, Entomological Society of America, Plant-Insect Ecosystem Integrated Pest Management Team Award. 2019.

#### **SERVICE:**

##### **Major Committee Assignments:**

###### **Extension:**

University of Idaho Extension Annual Conference Planning Committee, 2022-present.  
 University of Idaho Extension Advisory Committee, 2020-present.  
 University of Idaho Extension Potato Conference Co-Chair, 2021-present.  
 University of Idaho Extension Food Production Systems Priority Extension Theme, 2020-present.  
 University of Idaho Extension Snake River Sugar Beet Conference Committee, 2019-present.  
 University of Idaho Extension Cereal School Committee, 2018-present.  
 University of Idaho Extension Potato Conference Committee, 2020-2021.  
 University of Idaho Extension Land and Livestock Topic Team, 2018-2019

###### **District:**

Central District Marketing Committee 2018-present.

###### **County/Local:**

Minico High School Ag Science/FFA Program Advisory Committee, 2019-2021.

##### **Professional and Scholarly Organizations:**

Entomological Society of America, 2015- present.  
 National Association of County Agricultural Agents, 2018-present  
 Idaho Association of County Agricultural Agents, 2018-present  
 Vice President, 2022-present.  
 Teaching and Ag Technology Committee Chair, 2019-present.  
 Senior Director, Central District, 2019-2020.  
 Junior Director, Central District, 2018-2019.

##### **Outreach Service:**

###### **Classes, Workshops, Seminars, Share Fairs and Tours Organized:**

- Thomas, J. and J. Marshall, Minidoka County Cereal Field Day; Rupert, Idaho, July 11, 2023; Rupert, Idaho, July 7, 2022; Rupert, Idaho, July 15, 2021; Rupert, Idaho, July 16, 2019; Rupert, Idaho, July 10, 2018.
- Thomas, J. Bug Day, Rupert Elementary School 1st Grade Science Hour, Rupert, Idaho, April 27, 2023.
- Thomas, J. and G. Loomis, Pest Friends Board Game Workshop, Ag in The Classroom Summer Meeting, Burley, Idaho, July 10, 2023; Rexburg, Idaho, March 31, 2023; Idaho Falls, March 30, 2023; Rupert, Idaho, January 12, 2023.
- Sagers, J. and **J. Thomas**, University of Idaho Potato School-Spanish Sessions, Pocatello, Idaho. Pocatello, Idaho, January 19-20, 2023; Pocatello, Idaho, January 18-19, 2022; Virtual, January 19, 2021.
- Thomas, J. and G. Loomis, Utah State IPM Coordinator Training, Logan, Utah, October 27, 2022.
- Thomas, J. Bugstravaganza Workshops  
Oneida County Extension Office, Malad, Idaho, October 21, 2022; Washington County Extension Office, Wesier, Idaho, June 24, 2022; Oneida County Extension Office, Malad, Idaho, September 17, 2021.
- Thomas, J. and G. Loomis, Tech Trep Academy Workshops and Field Trips; Malad, Idaho, October 21, 2022; Rupert, Idaho, March 3, 2022; Virtual, November 13, 2020; Virtual, September 3, 2020; Virtual, September 2, 2020; Virtual, September 1, 2020.
- Thomas, J. Casting Insects in Resin Workshop; Rupert, Idaho, May 12, 2022; Rupert, Idaho, September 28, 2020.
- Thomas, J. University of Idaho Eastern District 4-H Bug Inservice, Rigby, Idaho, April 19, 2022.
- Thomas, J., G. Loomis, J. Packham and T. Sorensen, J.R. Simplot Elementary School, Barn Owls Bugs and Wildlife Day 5<sup>th</sup> Grade Workshop  
American Falls, Idaho, October 13, 2022; American Falls, Idaho, October 14, 2021; American Falls, Idaho, October 21, 2020; American Falls, Idaho, November 1, 2019.
- Thomas, J. In School Enrichment Entomology and STEM Classes, Hemmingway STEM School, Ketchum, Idaho, February 10, 2022; Sage School, Hailey, Idaho, February 10, 2022; Syringa Mountain School, Hailey, Idaho, February 10, 2022; Heyburn Elementary School, November-December 2021; Grangeville Elementary School, Grangeville, Idaho, October 19, 2021; Raft River Elementary School, Malta, Idaho, October 12, 2021; Wildlife 101 Class, MiniCo High School, Rupert, Idaho, September 7, 2021; MiniCo High School math and calculus classes, January 10, 2020; Rupert private home school group, Rupert, Idaho, September 27, 2019; Murtaugh Elementary School kindergarten class, Murtaugh, Idaho, May 9, 2018; St. Nicholas Catholic School 2nd grade class, Rupert, Idaho, April 18, 2018.
- Hatch, J., B. Henderson, R. Findlay, J. Marshall, R. Findlay, T. Sorensen and **J. Thomas**, University of Idaho Cereal School, Burley, Idaho, February 7, 2023; Virtual, February 2, 2022; Virtual, February 2-3, 2021; Burley, Idaho, February 4, 2020; Burley, Idaho, February 5, 2019.
- Thomas, J. Using improv comedy to help build youth resilience workshop, Minidoka County Extension Office, Rupert, Idaho, November 17, 2021.
- Thomas, J. Pest Friends an IPM Simulation, College of Southern Idaho Horticulture Course, Twin Falls, Idaho, April 20, 2021.
- Thomas, J. Insect Hunter YouTube Channel Live Workshops  
All About Black Widow Spiders, Virtual April 30, 2020; Are Spiders Really All that Bad, Virtual April 23, 2020; New Insect Trap Demo, Virtual April 16, 2020.
- Thomas, J., J. Ekins and C. Schnepf, University of Idaho Extension Video Boot Camp, Caldwell, Idaho, March 18-19, 2020.
- Winegar, E. and **J. Thomas**, University of Idaho Snake River Sugar Beet Conference, Burley, Idaho, December 10, 2019.
- Thomas, J. Minidoka County Fair-Meet a live barn owl event, Rupert, Idaho August 2, 2019.

#### **Miscellaneous Extension Publications:**

- Thomas, J. Jerome County Extension Newsletter  
Implementing a Barn Owl Box Program in the Magic Valley. May 2021.
- Thomas, J. Eastern Idaho Pest Alert  
Spiders, The Devil's Spawn or Angels in Disguise. August 2020.

Thomas, J. University of Idaho Extension Ag Talk Tuesday Report  
 The Idaho Insect Identification Website Overview, May 2021.  
 Managing Starlings on Idaho Dairies. August 2020.  
 Utilizing Barn Owls to Assist with Vole Management. August 2019.  
 Thomas, J. Minidoka County Extension Newsletter  
 Vole Management and Ag Surveys. August 2018.  
 Upcoming Extension Programs. May 2018.

### Popular Press:

Thomas, J. Nature's Secret Weapon to Reduce Small Rodents, Ag Proud Magazine-Idaho, January 2020.

### Interview Articles:

Troyer, D. and **J. Thomas**, Bugged by pest myths, Ruralite Magazine, June Monthly Issue, June 2023.  
 O'Connell, J. and **J. Thomas**, Owl box program has helped broaden farmers' perspectives on pest management, Idaho Farm Bureau Gem State Producer, Volume 27 Issue 2, March 2023.  
 O'Connell, J. and **J. Thomas**, U of I program with live insects, spiders helps participants overcome fears, Idaho Farm Bureau News, March 1, 2023. <https://www.idahofb.org/news-room/posts/u-of-i-program-with-live-insects-spiders-helps-participants-overcome-fears/>  
 O'Connell, J. and **J. Thomas**, Minidoka County Extension educator gets buggy, Magic Valley News, February 27, 2023.  
 O'Connell, J. and **J. Thomas**, Bug, Spider Collections Fighting Fears. University of Idaho Catching Up with CALS Newsletter, February 22, 2023.  
 Thomas, J. Playing pest friends, Western SARE News, December 5, 2022. <https://western.sare.org/news/playing-pest-friends/>  
 Thomas, J. UI Extension educator's owl boxes part of vole control solution, Times News, October 2, 2022.  
 O'Connell, J. and **J. Thomas**, UI Extension Entomologists Seek To Clarify Confusion About Native Wasps, University of Idaho Extension Featured Stories, September, 2022.  
 O'Connell, J. and **J. Thomas**, U of I Wrapping Up Owl Box Program that Broadened Farmers' Perspectives on Pest Management, Intermountain Farm and Ranch, September 27, 2022 (Virtual).  
 O'Connell, J. and **J. Thomas**, U of I extension Pest Friends board game makes a buzz, Ag Proud Magazine-Idaho, July 14, 2022.  
 O'Connell, J. and **J. Thomas**, Idaho Extension Pest Friends board game making a buzz, Spudman Magazine, May 25, 2022.  
 O'Connell, J. and **J. Thomas**, Pest Friends, University of Idaho Extension Featured Stories, June, 2022.  
 Ashton, H. and **J. Thomas**, You Don't Have to Go Far to Get Bugged Out. Times News- Magic Valley, May 27, 2022.  
 Welch, L. and **J. Thomas**, Creepy, Crawly, Cool!, Times News-Magic Valley, August 7, 2020.  
 Calabretta, A. and **J. Thomas**, Crop damage from voles leads UI Extension to explore alternate control methods, University of Idaho Extension Featured Stories, October 2019.  
 Snyder, C. and **J. Thomas**, Controlling Voles with Owls, Times News- Magic Valley, March 18, 2019.  
 Snyder, C. and **J. Thomas**, Owls Can Help with Vole Control. The Voice Mini-Cassia News, March 27, 2019

### Media Presentations:

Thomas, J. Bugs: Friends or Foe?, Idaho Farm Bureau Dirt Road Podcast, July 13, 2023.  
 Thomas, J. Extension and what it does for the public, Zebb at the Ranch Radio, KBAR 1230 AM-Magic Valley, February 13, 2023.  
 Thomas, J. UI owl box program works to help farmers address pest problems, Pacific Northwest Ag Network Podcast, November 3, 2022.

- Thomas, J. and B. Stokes, A case of mistaken identity: Is it a Cicada Killer Wasp or a Murder Hornet? Idaho Matters, Boise State Public Radio News, Statewide, Idaho, November 1, 2022.
- Thomas, J. and B. Stokes, Native Idaho insect commonly mistaken for Murder Hornet, Boise State Public Radio News, Statewide, Idaho, October 11, 2022.
- Thomas, J. University of Idaho entomologists want to clear up a case of mistaken identity, KLEW News, Lewiston, Idaho, September 28, 2022.
- Thomas, J. Las arañas y como nos afectan, Texano Magic, La Voz Latina KBWE Radio 19.9 FM, July 29, 2021.
- Thomas, J. Insects and pest management discussion, Zebb at the Ranch Radio, KBAR 1230 AM-Magic Valley, July 1, 2021.

### **Hiring Committees:**

- Media Specialist, Eat Smart Idaho, College of Agriculture and Life Sciences, University of Idaho. 2023.
- Administrative Specialist II, University of Idaho Extension-Blaine County, College of Agriculture and Life Sciences, University of Idaho. 2023.
- Publishing Coordinator, Extension Publishing Department, College of Agriculture and Life Sciences, University of Idaho. 2022.
- Department Head, Department of Entomology Plant Pathology and Nematology, College of Agriculture and Life Sciences, University of Idaho. 2022.

### **Judging:**

- Communications Award Judge, National Association of County Agricultural Agents Annual Meeting and Professional Improvement Conference, Des Moines Iowa, August 16, 2023; West Palm Beach, Florida July 20, 2022; Virtual, July 6, 2021; Virginia Beach, Virginia September 29, 2020.
- Horse Bowl Moderator, 2020 Minidoka County Horse Camp, Rupert, Idaho; January 24, 2020.
- Student Competition Judge. Entomological Society of America, Entomological Society of Canada and Entomological Society of British Columbia Joint Annual Meeting British Columbia, Canada. November 12, 2018.
- Junior Division Moderator, 2018 Central District Horse Bowl, Twin Falls, Idaho July 6, 2018.

### **Review Activities:**

- Large Yellow Underwing: A New Cutworm in Idaho, University of Idaho Extension Publishing. 2023.
- Flies in School Kitchens in the Pacific Northwest Guide, University of Idaho Extension Publishing. 2022.
- Integrated management of wild oat in the Pacific Northwest Guide, University of Idaho Extension Publishing, 2021.
- Using Pesticides Safely, University of Idaho Extension Master Gardener Chapter, University of Idaho Extension Publishing, 2019.
- Calculate Pesticides: Application Rates, University of Idaho Extension Video Module, University of Idaho Extension Publishing, 2019.

### **Hybrid or Virtual Seminars Overseen/Technical Support:**

- Miller Research and U of I Potato Pest Management Meeting, Hybrid, February 16, 2023.
- University of Idaho Cereal School, Hybrid, February 7, 2023.
- University of Idaho Cereal School, Virtual, February 2, 2022.
- University of Idaho Sugar Beet Conference, Virtual, November 8, 2021.
- University of Idaho Cereal School, Virtual, February 2-3, 2021.
- University of Idaho Bean School, Virtual, January 27-28, 2021.
- Western Cover Crop Council, Cover Crop Solutions for Western Farmers Part 3-4, Virtual, January 7 and 14, 2021.
- University of Idaho Extension Ag Outlook, Virtual, December 16-18, 2020.

Western Cover Crop Council, Cover Crop Solutions for Western Farmers Part 1-2, Virtual, December 10 and 17, 2020.

## **PROFESSIONAL DEVELOPMENT:**

### **Scholarship:**

Vertebrate Pest Conference, Reno, Nevada, March 7-10, 2022; Santa Barbara, California, March 1-5, 2020. Entomological Society of America, Entomological Society of Canada and Entomological Society of British Columbia Joint Annual Meeting, Vancouver, British Columbia, Canada. November 11-14, 2018. Wildlife/Field Research Course, Collaborative Institutional Training Initiative, Online, August 27, 2018. Introduction to Animal Care and Use Course, Collaborative Institutional Training Initiative, Virtual, August 27, 2018. IRB Investigators and Student Researchers Course, Collaborative Institutional Training Initiative, Virtual, March 9, 2018.

### **Outreach:**

Digital Measures Training, Virtual, August 8, 2023; Virtual, September 6, 2022. Idaho Association of County Agriculture Agents Meeting, Rigby, Idaho, May 31-June 1, 2023; Ketchum, Idaho, April 10, 2023; Moscow, Idaho, April 13, 2022; Shoshone, Idaho, September 23, 2020. Virtual Meeting, April 15, 2020; Rexburg, Idaho, June 9, 2019; Idaho Falls, Idaho, March 27, 2019; Cambridge, Idaho. June 5-7, 2018; Moscow, Idaho, April 3, 2018. Central District Faculty Meeting, Stanley, Idaho, May 8-9, 2023; Twin Falls, Idaho, February 24, 2022; October 12-13, 2021; Rupert, Idaho. May 19, 2021; Virtual, March 1, 2021; Virtual, October 7, 2020; Twin Falls, Idaho. October 8, 2019; Sun Valley, Idaho. May 14-15, 2019; Twin Falls, Idaho. October 2, 2018; Albion, Idaho. May 22-23, 2018. University of Idaho-College of Agriculture and Life Sciences Extension Annual Conference, Ketchum, Idaho, April 10-13, 2023; Moscow, Idaho, April 11-14, 2022; Virtual, April 13-15, 2021; Virtual, April 13-15, 2020; Idaho Falls, Idaho, March 25-28, 2019; Moscow, Idaho, April 2-6, 2018. Leadership Idaho Agriculture, Boise, Idaho, February 19-24, 2023; Twin Falls, Idaho, January 2-6, 2023; Idaho Falls, Idaho, December 5-8, 2022; Moscow, Idaho, November 7-8, 2022. University of Idaho Cereal School, Burley, Idaho, February 7, 2023; Virtual, February 2, 2022; Virtual, February 2-3, 2021; Burley, Idaho, February 4, 2020; Burley, Idaho, February 5, 2019. Food Production Systems PET Meeting, Virtual September 23, 2022; Virtual, December 3, 2021. National Association of County Agricultural Agents Annual Meeting, Virtual, July 6-9, 2021. Digital Measures Training, Virtual, June 22, 2021; Virtual, June 8, 2020. University of Idaho SARE Instrumentation Workshop, Virtual, January 15, 2021. All CALS Day Meeting, University of Idaho College of Ag and Life Sciences, Virtual, October 29, 2020. Advisory Meetings Training, University of Idaho Extension Central District, Virtual, October 4, 2020. University of Idaho Extension-Gooding County Cover Crops Workshop, Gooding, Idaho. November 22, 2019. Z-Suites Training, Central District 4-H Team Meeting, Zoom, September 25, 2019. University of Idaho Impact Evaluation Training. Rupert, Idaho, April 24, 2019. Thrips Identification Workshop. University of Idaho and Oregon State University. Rupert, Idaho. January 9, 2019. Student Competition Judges Training Webinar. Entomological Society of America. November 6, 2018. Driving: The Dangers of Speeding, Idaho Counties Risk Management Program Training, Virtual August 28, 2018. University of Idaho New Faculty Orientation. Moscow, Idaho. August 13-15, 2018. Montana State University Horticulture Inservice. July 18-20, 2018. Agriterre Seed Cover Crop Tour, Rupert, Idaho. June 28, 2018. Idaho Grain Producers Association Mini-Cassia Meeting. April 11, 2018.

University of Idaho Forage School, Blackfoot, Idaho, March 14, 2018.  
Idaho Hay and Forage Conference, Burley, Idaho, March 1-2, 2018.  
Amalgamated Sugar Beet Grower's School, Burley, Idaho February 28, 2018.  
Inspire Idaho Apple Professional Learning Sessions, Coeur d'Alene, Idaho February 19-22, 2018.  
4-H Western Institute. Ft. Collins, Colorado, February 5-9, 2018.  
University of Idaho Center for Agriculture, Food and the Environment. Listening Session. Twin Falls, Idaho. January 26, 2018.  
University of Idaho Magic Valley Bean School, Twin Falls Idaho January 17, 2018.  
University of Idaho All Employee Required Training, Online, 2018-2020.

**Administration/Management:**

University of Idaho County Chair Training, Idaho Falls, Idaho, September, 19-20, 2023; Virtual, May 24, 2021; Caldwell, Idaho, May 14-15, 2018.  
Maintaining Your County Extension Office Civil Rights File Training, University of Idaho Extension, Virtual, June 28, 2020.  
Minidoka County Mandatory Personnel Policy Training, January 16, 2020.  
University of Idaho County Chair Training, Jerome, Idaho, June 5, 2019.  
Harassment and Discrimination in the 21<sup>st</sup> Century, Idaho Counties Risk Management Program Training, Virtual, August 28, 2018.