



National School IPM 2020 Steering Committee Conference Call Notes for October

Please send additions, omissions or other corrections to jcooper@ipminstitute.org

The Steering Committee meets via conference call on the third Friday of each month at 1:30PM CST. The following notes are for **October 19th, 2018**

Roll

- Julian Cooper, IPM Institute
- Madeline Zastrow, IPM Institute
- Matt Bauer, Western IPM Center
- Janet Hurley, Texas A&M Dallas Agricultural Research and Extension Center
- Shaku Nair, University of Arizona
- Eric Denmark, California Department of Pesticide Regulation
- Lucy Li, University of Arizona
- Joe LaForest, Southern IPM Center
- Lynn Braband, New York State Community IPM Cornell
- Dawn Gouge, University of Arizona
- Tom Green, IPM Institute
- Fudd Graham, Extension Specialist, Auburn University
- Joellen Lampman, New York State Community IPM and Cornell
- John Connett, University of Wyoming

Agenda

1. Discuss 2019 grant objectives

- a. Grant application due November 16th
- b. Proposed activities/outputs
 - i. **Continue to coordinate monthly conference calls and other networking, coordination and information exchange opportunities for the North Central School IPM Working Group and the School IPM National Steering Committee.** Maintain website sections at <https://ipminstitute.org/projects/school-ipm-2020/> and <https://ipminstitute.org/projects/north-central-region-school-ipm-working-group/> for the national and regional group to host general information, priorities, resources, and project development.
 - ii. **Continue to create and send a monthly School IPM email newsletter.** Include news from the North Central region and highlight new projects and resources relevant to the school IPM community. Feature guest articles from practitioners to ensure interesting and important content is included in the monthly newsletter.
 - iii. **Promote Stop School Pests to state level school staff professional organizations.** Work with organizations representing different school employee groups such as custodians or school nurses in the North Central region. Organizations include state affiliates of the Association of School Business Officials, Association of School Nurses, State Education Associations and other state or multi-state educational support staff professional associations and meetings.
 1. In October, 2018, we did a Stop School Pests showcase presentation for the WI Association of School Business Officials. A lot of interest shown by participants.
 2. Funding is limited in 2018, in-person trainings become less feasible. Given reduced funding, we may only be able to do four (1/3) of the North Central states.



3. Possible alternative: increase number of SSP certificates to 1,000 certificates issued.
- iv. **Incorporate a Special Topics section in the Stop School Pests website.** Produce and distribute quarterly content addressing relevant topics to school IPM. Each Special Topic will include a webinar, a summary IPM short and links to additional resources. Potential topics include ticks in the Midwest, outdoor IPM encompassing the new SF Environment Pest Prevention by Design- Outdoor guidelines and other glyphosate alternatives and a live-stream walkthrough of a tribal school IPM inspection. Other topics will be considered based on their importance and relevance to current events and controversial issues.
- c. Grants are from NC IPM Center through the USDA.
- d. In 2018, total grant money = \$200,000. Maximum to each WG = \$20,000. This total is reduced from previous years.
- e. Lynnae Jess, Director of NC IPM Center, fully expects some Working Groups NOT to get funded because of reduced funding. Grant applications will be externally reviewed and will be very competitive. It is likely we will not get a full \$20,000.
- f. **Working Group member feedback:**
 - i. Dawn: there is a lack of training and outreach regarding public health pests. Seems to be a decrease in available outreach efforts. CDC 13-year period where number of human disease cases related to ticks, fleas and mosquitos and US population increased by 10%. No question about it, vector-borne disease and food safety issues exist and there is a desperate need for training and outreach. SSP has built in training and outreach to address these issues. Invest time in expanding on Kathy Murray's school nurse outreach, expand on teachers training and materials. SSP presents a pretty strong case to address public health pests.
 - ii. Teachers is the least-viewed SSP training. At the WI Association of School Business Officials Facility Manager Conference, facility managers resoundingly noted teachers and administration as key people to implement IPM. There are many problems with breakfast in classrooms, food in classrooms, improper food storage. The focus of SSP in the past has been on food service, custodian, maintenance, landscape and grounds, and facility managers.
 - iii. Janet: school districts get money from the USDA to feed children in the classroom. Cannot feed them in the cafeteria. We need to train teachers to properly fill out work orders and communicate. Make training easy for them to access.
 - iv. Dawn: grant objective number four provides real help in real time as issues emerge. Great idea. What about working with National Environmental Health Association (NEHA)? We could invite members of NEHA to WG calls. They do great webinars and trainings and distribute online. It's a large group of people that may have access to similar resources and hot button issues.
 - v. Avenues to distribute Special Topics: School IPM Newsletter, State Affiliates, Partners (Green & Healthy Schools), EPA, NEHA, others?
 - vi. Idea to record a walkthrough of an inspection of school district to train people but not necessarily doing an in-person training and promote the recording to other districts.
 - vii. Dawn: technology barriers with Tribal communities.
 - viii. Shaku: technology issues and barriers with school districts everywhere. At a Navajo Nation training, Shaku had opportunity to show videos and the Tribe loved it. Shaku brought all her own tech equipment. Live/real-time videos might run into technical problems.
 - ix. Fudd: will be hard to find a school brave enough to undergo the inspection and have all their pest problems broadcasted/advertised.
 - x. Julian: instead of holding live training in four North Central states. We could change grant objective number three to reach out to Tribes in each EPA region in the North Central region, regions 5, 7 and 8.



- xi. Tom: due to increased competition, reviewers will want to see commitment for the objectives, i.e., if we promise to do a video recording walkthrough, we will want to show that we have commitment from a school to do the recording.
- xii. Julian: NC Working Group has been very connected and involved with Tribes, so we have several contacts we could connect with for that objective.
- xiii. Julian will revise grant objectives and send out to the group again. Will incorporate more objectives focused on Tribes.
- xiv. Matt Bauer: Is the School IPM 2020 strategic plan published on National IPM Center website as a resource?
 - 1. Answer =No.
 - 2. Dawn: gathered lots of feedback and working on updating the plan. Other work with impending deadlines took over. If anyone else has more time and wants to work on the plan, feel free to take over.
 - 3. Julian: Using 2020 plan to inform the grant objectives.

2. Discuss SSP rebranding results

- a. Attendance is low for online and in-person trainings, but evaluation surveys and online feedback shows resounding support and appreciation of the training.
- b. We just can't get enough people in the door to train them.
- c. We launched a survey/focus group outreach to see what peoples' opinion was on new logos and messages for the training and gather their ideas on IPM to hopefully make our training more attractive to the audience we are trying to attract.
- d. Four different groups surveyed
 - i. Online survey: 23 responses
 - ii. PSEA: 13 responses
 - iii. WASBO: 38 responses
 - iv. NM-NEA: 20 responses
- e. Please rank your current knowledge of IPM: "some knowledge" was the top answer
 - i. Very knowledgeable: 15
 - ii. Moderately knowledgeable: 16
 - iii. Some knowledge: 23
 - iv. I have never heard of IPM: 12
- f. Please describe your role in your school or district: Majority of professionals reached were custodial staff and facility managers. No teachers.
 - i. Custodial staff: 28
 - ii. Landscape and Grounds: 3
 - iii. Facility Manager: 27
 - iv. School Nurses: 4
 - v. School Admin: 4
 - vi. Maintenance: 8
 - vii. Teacher: 0
 - viii. Food Service: 11
 - ix. PMP: 1
 - x. Other: 9
 - xi. *No teachers surveyed. Teachers module is the least viewed module on our website. Need to expand our audience.
- g. How satisfied are you with the current level of pesticide use in your schools: Most people were satisfied with the pesticide use in their district, pesticide use not an issue.



- i. Very satisfied: 19
 - ii. Moderately satisfied: 26
 - iii. Unsatisfied: 5
 - iv. Very unsatisfied: 1
- h. Which pests are most concerning to you? Many people voiced concern with ants, mice/rats, cockroaches, ticks.
 - i. Mice/rats: 20
 - ii. Cockroaches: 8
 - iii. Ants: 17
 - iv. Mosquitoes: 0
 - v. Ticks: 7
 - vi. Weeds: 4
 - vii. Other: 0
 - viii. *Other answers include bees, bats and pigeons
- i. Which of the following do you consider the top priority in your role? Most people concerned about clean schools and indoor air quality. Food safety and student performance ranked low.
 - i. Student performance: 13
 - ii. Clean schools: 42
 - iii. Indoor air quality: 27
 - iv. Pest-free schools 17
 - v. Food safety: 19
 - vi. *online participants asked to choose all that apply
- j. Please choose the most relevant IPM fact to your job and values:
 - i. The American Academy of Pediatrics recommends IPM as an effective approach for reducing pest and pesticide exposure for children and staff: 22
 - ii. IPM combats allergen-producing pests such as mice and cockroaches: 16
 - iii. Up to \$32,000 in annual pest control cost savings have been reported by school districts transitioning to IPM: 21
 - iv. IPM has been shown to reduce student asthma and absences: 24
 - v. IPM has been shown to reduce pathogens associated with common pests, including E. coli and Salmonella: 23
 - vi. *online participants asked to choose all that apply
 - vii. *Disconnect: IAQ ranked second highest priority, but "IPM combats allergen producing pests" was the least relevant fact.
- k. Please choose the biggest issue your school or district faces. Biggest issues: communicable pests, disease carrying pests, pesticide exposure.
 - i. Communicable pests (lice, bed bugs, etc.): 9
 - ii. Absences: 3
 - iii. Asthma: 2
 - iv. Disease carrying pests (rats, cockroaches): 9
 - v. Pesticide exposure: 10
 - vi. Food-borne illnesses: 0
 - vii. *Disconnect: IAQ ranked second highest priority, but asthma was the least severe threat schools reported facing.
- l. How valuable would training in IPM practices be to you? Most people said training in IPM would be extremely valuable to them.
 - i. Extremely valuable: 51
 - ii. Moderately valuable: 9



- iii. Slightly valuable: 5
- iv. Not valuable: 5
- m. How valuable would IPM training be to others in your district including food service, custodial, maintenance, teachers, administrators and others?
 - i. Extremely valuable: 30
 - ii. Moderately valuable: 5
 - iii. Slightly valuable: 0
 - iv. Not valuable: 0
 - v. *When WI Association of School Business Officials Facility Managers were asked about this, they responded resoundingly with teachers and administrators. Feeding children in the classroom.
- n. Please choose the most appealing message for promoting IPM. Top message: "Creating healthy, safe spaces for students and staff using IPM"
 - i. Creating pest-free asthma-free schools and homes: 19
 - ii. Learn how you can be a champion for pest-free and asthma-free schools: 19
 - iii. Putting people over products to fight school pests and improve school health: 20
 - iv. Championing school health by controlling school pests: 29
 - v. Creating healthy, safe spaces for students and staff using IPM: 19
 - vi. Pest management tools for healthy schools: 11
 - vii. *Online participants asked to choose all that apply
 - viii. **"Creating healthy, safe spaces for students and staff using IPM" was the favorite online by a large margin, but not asked in-person, which skewed results.
- o. Which name for an IPM workshop would you be most likely to attend? Top name: "The Pest Defense for Healthy Schools"
 - i. Stop School Pests: 10
 - ii. Pest-Free, Asthma-Free Schools: 12
 - iii. Pest & Pesticide-Free Schools & Homes: 21
 - iv. The Pesticide Alternative: 12
 - v. The Pest Defense for Healthy Schools: 28
 - vi. School Solutions to Pest Problems: 27
 - vii. Pest-Free Schools & Homes: 5
 - viii. Stop Pests Stop Asthma: 6
 - ix. *Online participants asked to choose all that apply
 - x. *The last two options were not asked in person.
- p. Stop School Pests name scored the lowest.
- q. Working Group feedback:
 - i. Shaku: prefers "Stop School Pests". It's been there for a while; new brand might take a while to find its place.
 - ii. Dawn: likes "School Solutions to Pest Problems". "Pest Defense" could be taken as defending pests, that you're going to have healthy schools and not going to kill anything. However, if people are saying that's their favorite, then support it.
 - iii. Fudd: agrees with Dawn.
 - iv. Lucy: "Pest Defense" sounds reactive, not proactive. "School Solutions" sounds more proactive. Prefer "Stop School Pests".
 - v. Matt: IPM Solutions for Schools is more favored by schools, rather than Stop School Pests.
 - vi. Tom: We aren't getting people in the door using Stop School Pests. Data collected from people we are trying to collect. We need to listen to them. Stop School Pests is not effective. Try the results of the voting and continue to test as we do trainings to build up the data set and get new suggestions. Hopefully, the new attempt works much better but still collect data.



- vii. Purpose of the title is to get people interested to take the online training, go to the website or come to in-person training.
- viii. Dawn: Go with what the audience we are trying to reach wants.
- ix. Lucy: survey feedback with graphs would be good to use in the grant proposal
- r. Logo ideas:
 - i. Two logo mockups
 - ii. Dawn: Why not use both?
 - iii. Julian: We could use both but change them so they are the same color scheme.
 - iv. Dawn: do NOT stick a bug on the logo. People have negative emotions with bugs.
 - v. Lucy: the logo with the roof looks good on the website.
- s. Winners: The Pest Defense for Healthy Schools – Creating healthy, safe spaces for students and staff using school IPM

3. Regional updates (group)

- a. Western Region
 - i. Matt Bauer: Western IPM Center grants are now open.
- b. Southern region
 - i. Janet Hurley: school IPM training for 2018: Trained 362 people, 167 school districts, and 2 million students
 - 1. Updates with presentations given to the Texas Department of Agriculture, Structural Pest Control Advisory committee: In July was asked to meet with committee to discuss school IPM updates and for Extension to ask permission to develop a 6-hour online course for new or seasoned IPM Coordinators to take. There is nothing in the TAC rules that prevents this, so with permission from TDA a demo course was developed and presented to TDA on Oct. 11th. This course as you can see if you follow the hyper link has several elements and as I told the committee the difference between this online course and the in-person course will be the number of activities I will have them do, like looking up their district IPM policy from the web. The Beta version will be tested by members of the Advisory committee and select IPM coordinators to ensure everyone's approval. Once that is done, the committee chair will include a video talking about school IPM in TX and why it's important to all who are involved. The Chair happens to be the attorney who worked for the Structural Pest Control Board in the early 1990s when the law was passed, and the rules written, so he's very familiar with the history of school IPM in TX. The great thing for Extension is that we are launching our LMS system in January and this course will be fast tracked through. It will allow me to link to other online trainings and information for schools to use. Not everyone will use the online resources, but this will be a way to serve our most rural and smaller districts that can't always travel to a one-day training. This will also fill the gap in between training seasons, when the state requires that the new coordinator trained within 6 months and I don't have a training in their area for 9 months. In addition to this course, a subcommittee has been appointed to look at expanding our green category products. Tom G: I plan to use the file you sent me as a starting point, so thanks and will keep the group updated on this one.



2. Next week is the Annual convention for the National Pest Management Association PestWorld 2018. I have been invited to talk about school IPM I will let everyone know how the turnout goes. Being sponsored to go. School IPM will be a topic at PestWorld.
 3. Dawn and Janet had a conversation regarding National Urban Extension Conference on doing extension in the city. Call for proposals: going to submit IPM in urban settings. PA working with Latino community and asthma. TX School IPM aspect. AZ bed bugs. Goal to present at the conference. Will know by February. Conference in May in Seattle.
- c. Northeast region
- i. Lynn Braband: Applying for NE partnership communications grant. Updating website. Had state-wide school IPM committee meeting. Green and Healthy Schools meeting. Doing outreach with charter schools to build future collaborations. There is a lack of knowledge in charter school staff and those regulating charter schools regarding school health regulations.
- d. Northcentral region
- Marcia Anderson:
 - EPA Center for IPM – upcoming webinars i. “Bed Bugs: Considerations for Health Care and Social Services Professionals” October 23, 2pm. 1. There are unique bed bug issues associated with social service providers. Presenters Dr. Marcia Anderson, Dr. Jodi Gangloff-Kaufman and Registered Nurse Jill Hardy will provide insight specifically into health care provider issues and bed bugs. Presenters will discuss preventing bed bugs in the transport between clients and their homes, as well as, educating clients about the signs, prevention and development bed bug protocols in their healthcare community.
 - “Head Lice Expert Panel” November 13 1. It’s time to be nit-picky. Especially when it comes to head lice. Join us for a panel discussion with three experts on lice, pest management and school protocols for addressing lice in schools. EPA will moderate a panel comprised of the following: Richard Pollack, Ph.D., Senior Environmental Public Health Officer, Harvard University, Nichole Bobo, RN, Director of Nursing Education, National Association of School Nurses and Emily Poland, RN, School Nurse Consultant, Maine Department of Education
 - Webinars for US Customs and Board of Protection, Criminal Investigation Division, EPA Inspectors, etc. 1. “Identification of Illegal Pesticides, Civil and Criminal” 2. Focus on safety for children a. Children can mistake pesticides for candy and ingest 3. Important for inspectors to have knowledge on illegal pesticides entering the country that contain many banned, harmful, toxic ingredients. What to look for on a label to determine if it’s labeled or illegal.
 - Clyde Wilson, EPA Region 8:
 - Tribal updates i. Participated and presented in Tribal meeting in Montana. National meeting for Tribal representatives across the country. Pesticide Inspectors Regulatory Training to focus on IPM in Schools and Childcare Centers. Additional requests for training in the region – currently planning some for South Dakota schools and childcare centers. ii. Healthy Housing with IPM in mind - training for



regional Tribes outreach this past summer 1. HUD grants - \$12 million pool of money
2. Five Region 8 Tribes received grant funding from HUD

- Mark Leshner, EPA Region 7:
 - Promoting IPM in hospitals with bed bug focus. Reviewing bed bug protocol response plan. Looking forward to October 23 EPA webinar
 - Attending Kansas Association for Conservation & Environmental Education conference – bed bugs in schools
- IPM Institute:
 - Tom traveled to PA and NM for SSP trainings October 4 and 8. ii. WASBO conference for School Facility Managers October 5.
 - IL mandated that schools and childcare facilities need IPM training. SSP partnering with MPAC to develop IL module including IL laws for school professionals to take mandatory SIPM training through SSP website. Hopefully will be amended by summer 2019

4. Agenda items for next call (group)

Send suggested agenda items for next month to jcooper@ipminstitute.org! **Next call on November 16th.**

Representative from Bayer wants to talk about new rodent remote sensing technology

The coordination of the National School IPM Steering Committee is supported by funding of the USDA North Central IPM Center. The next conference call will take place on **Friday, November 16th**. Future calls will continue to fall on the third Friday of each month at **1:30 PM Central time**.