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Description automatically generated**Information Technology Committee 2024**

Members and Charges

**Standing Charges:**

1. Serve as a resource for issues related to Information Technology that may affect member agencies and/or the MVCAC.
2. Plan and provide workshops on technology related topics (Add)

**2024 Charges**

1. Follow the Federal IT Grant opportunity for Special Districts (SLCGP, State and Local Cybersecurity Grant Program)
   1. The IT committee continues to follow the process.
   2. Robert Ferdan and Dan Fisher are creating a resource guide document to help those members who are interested to apply for grant monies.
   3. **Status: Ongoing**
2. Cybersecurity & cybersecurity insurance – workshops/presentations as appropriate.
   1. Stay updated on changes to 2023-2024 cybersecurity insurance requirements for VCJPA members.
   2. Provide information on cybersecurity resources to MVCAC members.
   3. Currently planning cybersecurity talks for the 2024 MVCAC Annual meeting.
   4. **Status: Ongoing**
3. Mobile Device Management – workshops/presentations as appropriate.
   1. create workshop or presentation on mobile device management in general highlighting the diversity of options. Include examples and explanations of MDM jargon.
   2. **Status: Ongoing**
4. Review options for Collaborative Workspace platforms for MVCAC committees.
   1. MyCommittee is a good tool for meeting planning, mintues, attendance, and scheduling. It has limited capabilities for attaching documents, but no actual workspace collaboration tools.
   2. A collaborative workspace solution in addition to MyCommittee would be useful. Such a solution would provide committees with a shared space for working documents and presentations. A good example is Google Workspace. This was recommended at the planning meeting and met with general approval by attendees.
   3. **Status: Waiting on board approval**.
5. Other IT related items as appropriate.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Member** | **District** | **Role** | **Region** | **Email** |
| Peter Bonkrude | Shasta MVCD | District Manager | Sacramento Valley Region | pbonkrude@shastamosquito.org |
| Luan Ngo | Orange County MVCD | IT Manager | Southern California Region | lngo@ocvector.org |
| Christina Falk | San Joaquin MVCD | GIS/IT Coordinator | North San Joaquin Region | cfalk@sjmosquito.org |
| Edward Prendez | Coachella Valley MVCD | IT Manager | Southern California Region | eprendez@cvmosquito.org |
| Conlin Reis | Fresno-Westside MAD | District Manager | Board Liaison | creis@fresnowestside.org |
| Dan Fisher | Sac-Yolo MVCD | IT Administrator | Sacramento Valley Region | dfisher@fightthebite.net |
| Matt Nienhuis | San Mateo MVCD | IT Director | Coastal Region | mnienhuis@smcmvcd.org |
| Robert Ferdan | Alameda MAD | IT Director | Coastal Region | robert@mosquitoes.org |
| Eric Haas-Stapleton | Alameda MAD | Laboratory Director | Coastal Region | erc.haas@mosquitoes.org |
| Greg Hacker | CDPH | Senior Public Biologist | CDPH Liaison | Greg.Hacker@cdph.ca.gov |
| Jody Simpson | UC Davis | Programmer | CalSurv Liaison | jksimpson@ucdavis.edu |
| Danyelle Frakes-Lewis | Greater Los Angeles County VCD | GIS/IT Specialist | Southern California Region | dfrakeslewis@glacvcd.org |

**Mosquito and Vector Control Association of California**

**December 2023 Report to the Board of Directors**

**Drone Committee**

Committee meets quarterly on 2nd Wednesday of the month at 1:00 pm: January, April, July, and October

**Standing Charges**

1. **Inform membership of legislative and regulatory developments affecting drone usage in vector control, and assist the Legislative, Regulatory, and Public Relations Committees in managing these issues.**
2. Action Steps: Email committee and associates with updates
3. Timeline: update membership when regulations change
4. Lead: Joel Buettner and Eric Haas-Stapleton
5. Status: Updates send 2023-2024:
   1. 12.08.2023: AB740 bill on Drone Cybersercurity will not move forward in the CA Assembly (Buettner notified Haas-Stapleton on 12.07.2023).
   2. S
6. Outcome: Ongoing

1. **Identify districts in California that use or contract drones for vector control and how they are being used.**
2. Action steps:
   1. Survey results was reported to Committee and BoD during 2023.
   2. Another shorter survey is warranted to update the districts that use or contract drones.
   3. Determine time of poll content and release date with Committee.
3. Timeline: Update annually
4. Status: Planning
5. Lead:
6. Outcome:
7. **Coordinate with and support AMCA drone committee.**
8. Action steps:
   1. Maintain a record of which California districts use drones.
   2. Inform AMCA of drone challenges that are faced by California districts.
9. Timeline: Update annually
10. Status: Planning
11. Lead:
12. Outcome:

**Annual Projects**

1. **Distribute available guides and checklists that support drone pilots and management.**
2. Action steps: Identify pre-and post-flight safety and data security checklists for distribution. Distribute annual training program (Sac-Yolo has one).
3. Timeline: Aim to have available before Annual MVCAC Conference of 2023
4. Status: Collecting Materials
5. Lead: Marty Scholl

1. **Literature review of drone impacts on wildlife (summary with bibliography).**
2. Action steps: Gather references, prepare brief whitepaper review, distribute to IVM, AMCA, post on MVCAC web site.
3. Timeline: Q2 2024
4. Status: Gathering references.
5. Lead: IVM Committee and Piper Kimball.
6. **Develop use-case and quick-start guides.**
7. Action steps: Develop guides (liquid larvicide application and drone-model specific quick-start guides), distribute to members, and post on MVCAC web site
8. Timeline: First quick-start guide during Q2. Liquid larvicide application use-case guide during Q3
9. Status: Planning.
10. Lead: Marty and ?Paul? to develop guides. Tammy will evaluate final drafts of guides.
11. **Develop resources to support CEQA/NEPA process for drone use, specifically application of mosquito control products by drones on federal property (e.g., USFWS).**
    1. Action steps: Coordinate this effort with NEPA information requested by FAA through the AMCA drone program. Develop a list of specific cases or geographic areas where this issue is relevant
    2. Timeline:
    3. Status: Planning.
    4. Lead: Eric and Joel.

**Committee members:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Member | District (Region) | Position | Year Joined | Email |
| Ken Klemme | Northern Salinas Valley MAD (Coastal) | District Manager | 2021 | ken@montereycountymosquito.com |
| Erika Castillo | Alameda County MAD (Coastal) | Regulatory & Public Affairs Director | 2021 | Erika@mosquitoes.org |
| Paul Harlien | Delta MVCD (S. San Joaquin Valley) | Operations Program Manager | 2023 | Paulharlien@deltamvcd.org |
| Bill Reynolds | Leading Edge Aerial Technologies (Industry) | President | 2022 | breynolds@leateam.com |
| Conlin Reis | Fresno-West Side MAD (S. San Joaquin Valley) | District Manager | 2021 | creis@fresnowestmosquito.com |
| Tammy Gordon | Coachella Valley MVCD (S. California) | Public Information Officer | 2021 | TGordon@cvmvcd.org |
| Kiet Nguyen | Orange County MVCD (S. California) | Vector Ecologist | 2021 | knguyen@ocvector.org |
| Mark Breidenbaugh | Northwest MVCD | District Manager and Entomologist | 2024 | mbreidenbaugh@northwestmvcd.org |
| Joel Buettner | Placer MVCD (Sacramento Valley) | General Manager | 2021 | joelb@placermosquito.org |
| Marty Scholl | Sacramento-Yolo MVCD (Sacramento Valley) | Ecological Management Supervisor | 2021 | mscholl@fightthebite.net |
| Bryan Jackson | CDPH | Associate Public Health Biologist | 2022 | Bryan.Jackson@cdph.ca.gov |
| Eric Haas-Stapleton | Alameda County MAD | Laboratory Director | 2021 | eric.haas@mosquitoes.org |

**Mosquito and Vector Control Association of California**

**January 2024 Report to the Board of Directors**

**Integrated Vector Management**

1. **Pesticide Resistance Monitoring and Management.**
   1. Resistance Testing Tool Kits and Resources
      1. Entry level to bottle bioassay tool kit.
   2. Create a document listing District’s with confirmed or suspected pesticide resistant mosquito populations. Life stage, species, active ingredients, methods of detection.
      1. CDPH’s recent pesticide resistance survey
   3. Develop an insecticide resistance testing capacity survey to send out to members of MVCAC. The survey will be designed to evaluate recent capacity building efforts and target future training and support.
2. **Administer the PESP survey for MVCAC.**
   1. Action steps: Contact AMCA to get the current PESP survey link and distribute to Follow-up with MVCAC members to have adequate response rate.
   2. Resources needed: Committee member.
   3. Potential Challenges: Getting Districts to respond in a timely
   4. Timeline: Yearly
   5. Status:
3. **Annually review CDPH guidance documents, including Guidance for Surveillance of and Response to Invasive Aedes Mosquitoes and Locally Acquired Exotic Mosquito-Borne Infections Transmitted by these Mosquitoes in California and The Best Management Practices (BMPs) for Mosquito Control in California and recommend updates as necessary.**
   1. Action steps: Review and update current documents, update guidelines if needed.
   2. Resources needed: Committee member time.
   3. Potential Challenges:
   4. Timeline: Ongoing
   5. Status:
4. **Develop recommendations on pesticides and their use, and on their registration status and related issues.**
   1. Action steps: Quarterly check-in with vendors about new products and label changes. Include updates in quarterly report to the Board.
   2. Resources needed: None.
   3. Potential Challenges: None currently
   4. Timeline: Ongoing
   5. Status:
5. **Develop information on the availability, use, and impact of biological control organisms. [Mike Saba, Mark Nakata]**
   1. Action steps: Hold quarterly teleconference with mosquitofish personnel throughout the association.
   2. Resources needed: Commit to time/discussions related to quarterly teleconferences. Organize and secure guest speakers for teleconferences. Prepare and distribute discussion topics for teleconference. Provide ongoing support, consultation, and resources to mosquitofish personnel in the association.
   3. Potential Challenges: None
   4. Timeline: Quarterly
   5. Status: ongoing
6. **Emerging Technologies in Mosquito**
   1. Action steps: Identify and review new and upcoming technologies.
   2. Resources needed: Committee Time
   3. Potential Challenges: Nothing significant currently
   4. Timeline: Quarterly
   5. Status: Ongoing
7. **[Additional Projects] NA as of January 2023** 
   1. Action steps:
   2. Resources needed:
   3. Potential Challenges:
   4. Timeline:
   5. Status:

**Committee members:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Member | Committee Position | District | Position | Year Joined Committee | Email |
| Jake Hartle | **Chair** | Placer MVCD | Assistant Manager | January 1, 2021 | jakeh@placermosquito.org |
| Jamie Scott | **Sac Valley**  **Vice Chair** | Lake County VCD | District Manager & Research Director | January 1, 2021 | jjscott@LCVCD.org |
| Mike Saba | **Southern California** | Orange Co. MVCD | Biologist | January 1, 2021 | msaba@ocvector.org |
| Arlilla Bueno | **North San Joaquin Minute Taker** | Merced County MAD | Field Services Supervisor | January 1, 2021 | mcmadfield@gmail.com |
| Casey Stevenson | **Coastal** | San Mateo MVCD | Operations Director | January 1, 2023 | cstevenson@smcmvcd.org |
| Mark Nakata | **South San Joaquin** | Delta VCD | Biologist | January 1, 2021 | mnakata@deltavcd.com |
| Hannah Romo | **CDPH** |  | Senior Public Health Biologist | Spring 2022 | hannah.romo@cdph.ca.gov |
| Joel Buettner | **Board Liaison** | Placer MVCD | General Manager | January 1, 2021 | joelb@placermosquito.org |
| Debbie Dritz | **Sac Valley (2)** | Sac-Yolo MVCD | Vector  Ecologist | January 1, 2021 | ddritz@fightthebite.net |
| Nikia Smith | **Southern California (2)** | Northwest MVCD | Field Supervisor | Fall 2022, 2022 | nsmith@northwestmvcd.org |
| Katherine Brisco | **South San Joaquin (2)** | Consolidated MAD | Westside Area Supervisor | Fall 2022 | kbriscocmad@gmail.com |

**Mosquito and Vector Control Association of California (MVCAC) Volunteer Roles and Responsibilities**

**Position Title: Laboratory Technologies Chair**

1. **[Standing Charge]:** Organize and host an annual workshop that will offer enhanced communication, training, and collaboration among vector control laboratory personnel
   * During the Spring Quarterly meeting, solicit for workshop ideas from the committee and membership at large. Topics may pertain to current and future technologies and protocols. They may cover laboratory techniques, field techniques, equipment, data analysis, and others as they relate to the laboratory. They may be based on gaps in knowledge or the desire to obtain additional training. Past workshops have covered topics such as unmanned aerial systems (UAS or drones), bottle bioassays, GIS spatial analytics, business intelligence software for visual analysis, Invasive Aedes, and insect photography.
   * Once a workshop topic is determined, the Chair plans when and where to hold the workshop. The workshop may be held during the MVCAC annual meeting to reach a larger audience, but they may be held virtually or during the quarterly meeting if it is logistically more feasible. The Chair may work with the Staff Event Coordinator to create a successful event.
   * Once venue, date, and time is determined, the Chair advertises this event and works with the Staff Event Coordinator to ensure the event is included in the meeting schedule. Typically, the cost of the event will be covered by the registration fees. There is no budget for this workshop.
2. **[Standing Charge]:** Partner with DART to establish fees for proficiency panels, positive controls, reagents, and other support consumables to enhance standardization between labs.
   * The Principal Investigator for the DART Lab at UC Davis takes the lead on this in collaboration with CDPH to run the proficiency panels across all the agencies that test their mosquito samples. Request for orders normally begin in December or January with tests sent out in February or March with instructions.
   * By the Spring Meeting or as soon as the report is complete, the Chair may share and discuss the results with the group.
   * The Chair may lead additional discussions on topics related to arbovirus detection and standardization as needed.
3. **[Standing Charge]:** Negotiate with vendors on pricing for consumables used in vector control laboratories.
   * Before the quote expires for the testing agencies, the Chair will lead price negotiations for a new quote.
   * Collate a list of items to be included in the quote and reach out to the sales representative for a quote on the items.
   * Lead discussion on topics related to laboratory equipment and supplies as needed.
4. **[Standing Charge]:** Review and update the MVCAC publication “Identification of the Mosquitoes of California” to ensure inclusion of all species of mosquito that are routinely detected in California.
   * Annually, review the publication for any developments on new species or identifying characteristics for the mosquitoes of California
   * Partner with UC Davis and MVCAC entomologists to update the publication.

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Description automatically generated**Mosquito and Vector Control Association of California**

**Legislative Committee 2024 Charges and Roster**

1. **2024 Charge: Emergency Funding for Mosquito Borne Disease Response by Member Agencies.**
   * 1. Action Steps: Regional reps to survey regions on level of reserves agencies have to respond to public health emergencies and determine capabilities and timeline to rebuild those reserves.
     2. Resources Needed: Determine MVCD emergency reserves for outbreak response.
     3. Potential Challenges: Lack of responses.
     4. Timeline: February 2024
2. **2024 Charge: Protect Public Health Vector Control Tools / Resources**
   1. Action steps:
      1. Track/Support/Oppose legislation pertaining to
         1. Local preemption issues (AG Opinion)
         2. Pesticide legislation for potential vector control impacts
         3. Water conservation / retention devices
         4. Emerging and innovative technologies being explored by MVCDs.
   2. Resources needed: MVCAC Bill Review Session scheduled for February 7, 2024
   3. Potential Challenges: Identification of problematic legislation.
   4. Timeline: Final Day for Bill Introduction February 16, 2024
3. **2024 Charge: Legislative Advocacy Day**
4. Action steps:
   * 1. Determine format, date, and time for the event.
     2. Identify Primary Issues
        1. Challenges / Status of CA Mosquito control - Emergency Responses by Agencies 2024 / Lake Tulare / Local Transmission.
        2. Innovative Technologies
        3. CalSurv Update Status
   1. Resources needed: Updated materials based on legislative focus for 2024.
   2. Potential Challenges:
   3. Timeline:
      1. Leg Day Training February 7th via zoom at 11 AM
      2. Leg Day February 21, 2024
   4. Status: In process
5. **2024 Charge: Mosquito Awareness Week Resolution**
   1. Action steps:
      1. Review/Update Language
      2. Locate Author(s)
      3. Provide Support to the PR committee for related outreach.
   2. Resources needed: None
   3. Potential Challenges: None
   4. Timeline: Start review of Language, January 2024.
   5. Status:
6. **2024 Charge: Association Grassroots Outreach Program Support**
   1. Action steps:
      1. Work with the PR committee to support Grassroots Outreach Campaign by member Agencies to target legislators back in their Districts during Fall Recess - September through November 2024.
      2. Special emphasis and support to agencies with legislators on key committees
   2. Resources Needed: Grass Roots materials created 2023.
   3. Potential Challenges: TBD 2024
   4. Timeline: Finalize strategy by Summer Board Meeting.
   5. Status: Not started.

Standing charges

1. Review with the Executive Director pending legislative bills and regulatory changes that may impact vector control activities.
2. Contact members when grassroots efforts are needed to inform legislators.
3. Represent the MVCAC and testify when appropriate on bills or regulations of concern and keep the Board of Directors informed.
4. Work with the MVCAC’s service providers to arrange for legislators or legislative staff to speak at interim meetings and the annual conference as appropriate.
5. The Chair coordinates with the MVCAC President, Executive Director, and Legislative Advocate to address the Association’s legislative concerns, and with other agencies as necessary to develop or modify relevant legislation.
6. Annually monitor status of CalSurv funding in state budget in coordination with the VectorSurv Committee.

**Committee members:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Member | District | Position | Role(s) | Region | Email |
| Jeremy Wittie | Coachella Valley MVCD | DM | Chair | Southern | jwittie@JWittie@cvmosquito.org |
| Jason Farned | San Gabriel MVCD | DM |  | Southern | jfarned@sgvmosquito.org |
| Conlin Reis | Fresno Westside MAD | DM | Board Liaison/SSJ Rep | SSJ | creis@fresnowestmosquito.com |
| Lora Young | Orange County MVCD |  |  | Southern | lyoung@ocvector.org |
| Tammy Gordan | Coachella Valley MVCD |  | SoCal Rep | Southern | tgordon@cvmosquito.org |
| Omar Khweiss | San Joaquin MVCD | DM | NSJ Rep | NSJ | okhweiss@sjmosquito.org |
| Gary Goodman | Sac-Yolo MVCD | DM | AMCA Rep/Federal Issues Lead | Sac Valley | gwgoodman@fightthebite.net |
| Matt Ball | Butte County MVCD | DM |  | Sac Valley | mattball@buttemosquito.com |
| Ryan Clausnitzer | Alameda MAD | DM | Coastal Rep/ CSDA Liaison | Coastal | ryan@mosquitoes.org |
| Tamara Chapman Davis | Marin-Sonoma MVCD | Trustee | Trustee Rep | Coastal | phineaschapmanrp@gmail.com |
| Tony Kovach | CDPH | Biologist | CDPH Advisor | NA | Tony.Kovach@cdph.ca.gov |
| Joel Buettner | Placer MVCD | DM | UAS Advisor | Sac Valley | joelb@placermosquito.com |
| Megan MacNee | AMG |  | Director | NA | mmacnee@amgroup.us |
| Ed Manning | KP Public Affairs |  | Advocate | NA | emanning@ka-pow.com |
| Vanessa Cajina | KP Public Affairs |  | Advocate | NA | VCajina@ka-pow.com |
| Brian White | KP Public Affairs |  | Advocate | NA | BWhite@ka-pow.com |

**2024 MVCAC PR Committee DRAFT Charges**

**Charge 1:** Support efforts to educate policymakers about invasive *Aedes,* West Nile virus and the need for additional funding by creating messaging and materials.

Potential Projects:

* Updated West Nile virus fact sheet and website content
* Social media graphics and content

*Subcommittee members: David Pailin (lead),* *Erick Arriaga, Nola Woods, Allyx Nicolici, Conlin Reis, Lisa Yarbrough*

**Charge 2:** Assist with legislative and regulatory affairs efforts by promoting the grassroots advocacy program to encourage adoption by association members.

Potential Projects:

* Quarterly email with resources, issue updates, and advocacy opportunities for Regional Reps and MVCAC members
* Fall webinar on grassroots advocacy
* Advocacy messaging/materials that MVCDs can tailor or request branded versions
* New legislator training/toolkit
* Assist in packaging annual legislative and regulatory update for MVCAC members

*Subcommittee members: Lisa Yarbrough (lead), Meagan Luevano, Brian Brannon, Erick Arriaga*

**Charge 3:** Develop outreach materials and social media content based on current and timely mosquito and vector-related issues (i.e. unmaintained swimming pools, drones, other vectors, utility vaults, cemeteries, water conservation, rain capture, etc.)

Potential Projects:

* Cemetery fact sheet
* Swimming pool fact sheet
* DEI outreach best practices
* Videos

*Subcommittee members: Judith Pierce (lead), Allyx Nicolici, Luz Robles, Arlilla Bueno*

**Working Group Participation:**

* Emergency funding: Meagan Luevano, Lisa Yarbrough
* Website: Meagan Luevano, Nola Woods
* Glossary: Lisa Yarbrough, Arlilla Bueno
* PCO: Judith Pierce
* SIT: David Pailin

**Standing Charges**

**Charge 1:** Work with MVCAC leadership to promote community partnerships and encourage cooperative ventures to benefit vector control, public health, and the environment.

* Pacific Southwest Center of Excellence in Vector-Borne Diseases
* CalSurv Gateway

*Subcommittee member: Brian Brannon*

**Charge 2**: Promote MVCAC and assist leaders, administration, and members with proactive and reactive media outreach, development of talking points, collateral materials, and digital assets.

**Charge 3:** In cooperation with the Legislative Committee, KP and AMG, assist in preparation for MVCAC’s annual Legislative Day.

*Subcommittee members: Meagan Luevano (lead), Lisa Yarbrough, Conlin Reis*

**Charge 4:** Provide materials and assist in implementing California Mosquito Awareness Week, National Mosquito Awareness Week and World Mosquito Day outreach and media campaigns.

*Subcommittee members: Lisa Yarbrough (lead), David Pailin, Luz Robles*

**Charge 5:** Provide guidance, content development and editing for the MVCAC website, weekly news briefs, and monthly social media.

*Subcommittee members:* *Nola Woods (lead),* *Meagan Luevano, Lisa Yarbrough*

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| --- | --- | --- | --- | --- |
| **Member** | **District** | **Position** | **Year Joined Committee** | **Email** |
| Meagan Luevano | Placer Mosquito and Vector Control District | Chair | 2020 | meaganl@placermosquito.org |
| Nola Woods | Contra Costa Mosquito and Vector Control District | Vice Chair, Coastal Region | 2019 | nwoods@contracostamosquito.com |
| Judith Pierce | Alameda County Mosquito Abatement District | Coastal Region | 2023 | Judith@mosquitoes.org |
| Erick Arriaga | Delta Mosquito and Vector Control District | South San Joaquin Valley Region | 2022 | erickarriaga@deltamvcd.org |
| Luz Maria Robles | Sacramento-Yolo Mosquito and Vector Control District | Sacramento Valley Region | 2009 | lrobles@fightthebite.net |
| Brian Brannon | Orange County Mosquito and Vector Control District | Southern California Region | 2023 | bbrannon@ocvector.org |
| Arlilla Bueno | Merced County Mosquito and Vector Control District | Northern San Joaquin Valley Region | 2023 | mcmadfield@gmail.com |
| Allyx Nicolici | California Department of Public Health | CDPH Rep | 2019 | Allyx.Nicolici@cdph.ca.gov |
| Conlin Reis | Fresno Westside Mosquito Abatement District | Board Liaison | 2020 | creis@fresnowestmosquito.com |
| David Pailin | Greater Los Angeles County Vector Control District | Southern California Region | 2024 | dpailin@glamosquito.org |
| Lisa Yarbrough | KP Public Affairs | Public Relations Consultant | 2018 | lyarbrough@ka-pow.com |

**Mosquito and Vector Control Association of California**

**Regulatory Affairs Committee**

STANDING CHARGES

1. Review and present information about existing or proposed regulations and programs that may impact vector control agencies.
2. Coordinate with the Executive Director; act as a liaison between MVCAC and local, state, and federal agencies responsible for wildlife management and protection.
3. Monitor issues at the State Water Resources Board that are likely to impact mosquito and vector control.
4. Maintain a clearing house of information concerning compliance with CEQA.
5. Subcommittees
   1. NPDES
   2. AB 896 CDFW and MVCAC Working Group - Evaluate the impact of mosquito management practices employed at wetlands managed by CDFW.
   3. Trash Capture Device Working Group - Review existing and new devices proposed to capture trash in stormwater structures.

2024 CHARGES

1. **Engage in the NPDES renewal process.**
   1. Action Steps: Work with SWRCB on the permit renewal.
   2. Resources needed:
   3. Potential Challenges: Making sure there are no drastic changes that the State Water Board wants to put into place during permit renewal.
   4. Timeline: 2024, with completion in 2025
   5. Status: CA permit expired June 2021,Water Board approved a permit amendment to include pyriproxyfen 10/4/22, 9/25/23 a meeting was held to receive initial input on the proposed reissuance of the permit.
2. **Engage with CDPR on updating the Vector Control Exemption in the Pollinator Protection Code.**
   1. Action Steps: Provide CDPR with the necessary data to make a determination on a language update.
   2. Resources needed: May need the Vector Control Research Committee to assist in data collection.
   3. Potential Challenges: Collecting the data to justify any language changes, changes in the code going out for a comment period.
   4. Timeline: 2024
   5. Status: met w/ Dr. Jill Townzen and Brigitte Tafarella on 10/11/23, discussed removing the exemption all together vs updating the language. CDPR recommended expanding the conversation to include Dr. Joshua Ogawa from the Enforcement Branch and requested information on 1) the movement of products once they have been applied 2) safety to honeybees in relation to application rate and 3) dosage and toxicity to bees including deposition.
3. **Engage with the California Business, Consumer Services and Housing Agency on the impacts of cannabis farming on mosquito control operations.** 
   1. Action Steps: Determine the steps need to implement the proposed changes to detection limits outlined in the memo to the Department of Cannabis Control before they reorganized.
   2. Resources needed:
   3. Potential Challenges: BCSH’s willingness to meet.
   4. Timeline: Unknown
   5. Status: DCC has indicated that they are familiar with our issue but no further updates have been provided, next step is to reach out to their parent agency.
4. **Monitor the development of the CDPR Statewide Pesticide Application Notification System.**
   1. Action Steps: Follow the progress of the notification system and prepare a response if applications by MVCDs are included
   2. Resources needed:
   3. Potential Challenges: While vector control applications are not being considered, policies can impact MVCDs down the line
   4. Timeline: Ongoing
   5. Status: Next steps are finalizing the proposed system design and initiating the rulemaking process to outline the proposed legal requirements for the system.
5. **Monitor the development of the “Making Conservation a California Way of Life” regulations.**
   1. Action Steps: Follow the progress of the regulation development and prepare a response if restrictions may lead to increased mosquito production.
   2. Resources needed:
   3. Potential Challenges:
   4. Timeline: 2024
   5. Status: MVCAC sent a comment letter on 10/17 expressing concern over residential swimming pools maintenance with the 2030 and beyond restrictions, requested that swimming pools by classified as special landscape areas and excluded from the strictest restrictions.
6. **Provide support to MVCAC member agencies during the Bulletins Live! Two implementation.** 
   1. Action Steps: Amplify AMCAs guidance and fill in information gaps on the transition to the USEPA Bulletins Live! Two portal.
   2. Resources needed: AMG’s support in disseminating information.
   3. Potential Challenges:
   4. Timeline: 2024
   5. Status: AMCA has been working with partner agencies to monitor and comment on the process.
7. **Provide support to MVCAC member agencies on the implementation of CA Air Resources Board gas powered engine restrictions.** 
   1. Action Steps: Create an info sheet with rules explanation, impacted equipment list, and grant resources.
   2. Resources needed: Collaboration with the IVM committee.
   3. Potential Challenges: Knowing what equipment is being used by MCDs.
   4. Timeline: early 2024
   5. Status: RAC and IVM have been working on a document since the fall 2023 meeting
8. **Work with agencies to provide design recommendations for floating solar arrays.** 
   1. Action Steps: Determine if there are regulations, policies, or an entity providing guidance or oversight on their installation.
   2. Resources needed:
   3. Potential Challenges: Finding the right contacts.
   4. Timeline: 2024
   5. Status: Pilot projects on winery waste ponds in Sonoma County are creating mosquito problems, design flaws are also complicating treatments.

**Committee members:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Member | District | Position | Region | Email |
| Erika Castillo | **Alameda County MAD** | Regulatory & Public Affairs Director | Coastal (Chair) | erika@mosquitoes.org |
| Peter Bonkrude | **Shasta MVCD** | Manager | Sac Valley | pbonkrude@shastamosquito.org |
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| Jennifer Henke | **Coachella Valley MVCD** | Laboratory Manager | Southern | jhenke@cvmosquito.org |
| Ryan McNeil | **Fresno MVCD** | Manager | S. San Joaquin | ryan@fresnomosquito.org |
| Mark Novak | **CDPH** | Supervising Public Health Biologist | CDPH Liaison | Mark.Novak@cdph.ca.gov |
| Conlin Reis | **Fresno Westside MAD** | Manager | S. San Joaquin (Board Liaison) | cries@fresnowestmosquito.com |

**Staff:**

|  |  |  |
| --- | --- | --- |
| Name | Agency | Email |
| Megan MacNee | **AMG** | [mmacnee@amgroup.us](mailto:mmacnee@amgroup.us) |
| Ed Manning | **KP** | [emanning@ka-pow.com](mailto:emanning@ka-pow.com) |
| Brian White | **KP** | [bwhite@ka-pow.com](mailto:bwhite@ka-pow.com) |

**Mosquito and Vector Control Association of California**

**Training & Certification**

**2024 Charges**

1. **2024 Charge: Produce original content and secure approval of existing content to provide sufficient number of webinars to supplement live sessions to complete CEU training requirements.**
   1. Action steps: Continue planning for and implementing 2023-25 cycle units
   2. Resources needed: Volunteer webinar speakers as needed
   3. Potential Challenges: Re-implementation of live unit requirements will provide known scheduling and coordination challenges
   4. Timeline: June 2024
   5. Status: Annual
2. **2024 Charge: Solicit member agencies for independently developed review materials covering the California Vector Control Technician (CVCT) exams A-D and post to association website.**
   1. Action steps: Coordinate resource collection from participating agencies
   2. Resources needed: Study materials produced at individual agencies
   3. Potential Challenges: Independent material may need to be vetted for quality standards or material could be considered proprietary based on agency’s policies
   4. Timeline: November 2024
   5. Status: Ongoing
3. **2024 Charge: Work with California Department of Public Health (CDPH) on study requirements and CVCT exam expectations**
   1. Action steps: Develop and implement a questionnaire that identifies CVCT exam preparation practices. Use those results with exam pass rates to develop association reccomendations.
   2. Resources needed: Agency questionnaire that examines key parameters followed by agency participation
   3. Potential Challenges: Depending on agency size and makeup, results ay vary
   4. Timeline: November 2024
   5. Status: Ongoing
4. **Standing Charge: In conjunction with CDPH, evaluate current CE Guidelines and identify potential changes to increase regional training efficiencies.**
   1. Action steps: Live-unit requirement in 2023-2025 CEU cycle have been re-implemented by CDPH.
   2. Resources needed: None at this time
   3. Potential Challenges: Enough archived webinars in each category to meet cycle requirements: A=12, B=8, C=8 and D=8
   4. Timeline: June 2025
   5. Status: Ongoing
5. **Standing Charge: Coordinate the Association’s program of regional continuing education and statewide webinar development, maintaining expected training standards.**
   1. Action steps: Continue activities throughout the cycles
   2. Resources needed: None at this time
   3. Potential Challenges: None currently
   4. Timeline: Ongoing
   5. Status: Ongoing
6. **Standing Charge: Review submitted training curricula and recommend approval to CDPH representative.**
   1. Action steps: Will be completed on a Regional basis
   2. Resources needed: None
   3. Potential Challenges: None
   4. Timeline: Yearly
   5. Status: Ongoing

**Committee members:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Member | District | Position | Year Joined Committee | Email |
| Tristan Hallum  (Committee Chair) | **San Gabriel Valley MVCD** | Director of Scientific Programs | 2023 | [thallum@sgvmosquito.org](mailto:thallum@sgvmosquito.org) |
| Anamda Bradford | **Butte County MVCD** | Entomologist | 2020 | [abradford@buttemosquito.com](mailto:abradford@buttemosquito.com) |
| Nour Nesheiwat | **Kern MVCD** | Entomologist | 2023 | [nour@kernmosquito.com](mailto:nour@kernmosquito.com) |
| Monica Patterson | **Turlock MAD** | Vector Biologist | 2023 | [mpatterson@turlockmosquito.com](mailto:mpatterson@turlockmosquito.com) |
| Michael Niemela | **CDPH** | Biologist | 2012 | [Michael.niemela@cdph.ca.gov](mailto:Michael.niemela@cdph.ca.gov) |
| Bret Barner | **Solano County MAD** | District Biologist | 2022 | [bbarner@solanomosquito.com](mailto:bbarner@solanomosquito.com) |
| Steve Sheperd | **Orange County MVCD** | Director of Operations | 2023 | [ssheperd@ocvector.org](mailto:ssheperd@ocvector.org) |
| Mark Breidenbaugh | **Northwest MVCD** | District Manager | 2023 | [mbreidenbaugh@northwestmvcd.org](mailto:mbreidenbaugh@northwestmvcd.org) |

**Mosquito and Vector Control Association of California**

**January Report to the Board of Directors**

**Vector and Vector-Borne Disease Committee**

**Standing Charges**

1. **Review and present new information on vectors and vector-borne diseases of interest to the MVCAC, and make recommendations for their surveillance and control**
   1. Action steps: Committee members will find informative journal articles pertaining to vectors/vector-borne diseases and provide information to Bill Reisen, who will provide them to the MVCAC for distribution in news briefs
2. **In cooperation with the Laboratory Technologies Committee, develop long term plans and agreements among CDPH, UC Davis and MVCAC to ensure continuation of statewide surveillance programs and appropriate diagnostics, upon the introduction of new vectors or vector-borne disease threats.**
3. **Monitor and report on vector-borne diseases in California.**

**2024 Charges**

1. **Create a document that provides information about how districts respond to disease indicators, imported cases of disease, and increases in vector abundance.**
   1. Action steps: Begin developing questions to be provided in a survey to member Districts
   2. Resources needed:
   3. Potential challenges:
   4. Timeline: 2024
   5. Status:
2. **Create a list of potential invasive vectors with information on their biology and identification keys**
   1. Action steps: Research potential vectors
   2. Resources needed:
   3. Potential challenges: Not having access to journal articles/identification keys
   4. Timeline: 2024
   5. Status:
3. **Identify labs with mosquito colonies and create a document identifying which colonies each lab has, along with contact information and standard operating procedures for shipping specimens.** 
   1. Action steps: Contact local universities and research institutions with insectaries
   2. Resources needed:
   3. Potential challenges:
   4. Timeline: 2024
   5. Status:

**Committee members:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Member | District | Position | Year Joined Committee | Email |
| Kelly Liebman | **Marin/Sonoma MVCD** | Coastal/Chair | 2024 | kellyl@msmosquito.org |
| Mark Dery | **Kern MVCD** | South San Joaquin/CalSurv Liaison | 2022 | [mdery@kernmosquito.com](mailto:mdery@kernmosquito.com) |
| Tina Feiszli | **California Dept of Public Health** | CDPH | 2009 | [Tina.feiszli@cdph.ca.gov](mailto:Tina.feiszli@cdph.ca.gov) |
| William Reisen | **UC Davis** | UC Davis |  | [wkreisen@gmail.com](mailto:wkreisen@gmail.com) |
| Sumiko De La Vega | **San Joaquin MVCD** | North San Joaquin | 2020 | [sdelavega@sjmosquito.org](mailto:sdelavega@sjmosquito.org) |
| Kim Hung | **Coachella Valley MVCD** | Southern | 2016 | [khung@cvmvcd.org](mailto:khung@cvmvcd.org) |
| Steve Vetrone | **Greater LA County VCD** | Southern |  | [svetrone@glamosquito.org](mailto:svetrone@glamosquito.org) |
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| Jodi Holeman | **Consolidated MAD** | Board Liaison |  | [jholeman@mosquitobuzz.net](mailto:jholeman@mosquitobuzz.net) |
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| Adena Why | **Alameda County Vector Control** | Coastal |  | [Adena.why@acgov.org](mailto:Adena.why@acgov.org) |
| Rebecca Christian | **East Side MAD** | North San Joaquin | 2024 | [rchristian@eastsidemosquito.com](mailto:rchristian@eastsidemosquito.com) |
| Mario Novelo Canto | **Sac-Yolo MVCD** | Sac Valley | 2024 | mnovelocanto@fightthebite.net |

**Mosquito and Vector Control Association of California**

**2023 Vector Control Research Committee**

**Charges for 2024**

1. **Standing Charge: Collaborate with other MVCAC Committees such as Vector Borne Diseases, Integrated Vector Management, Public Relations, and Regulatory Affairs to determine research needs and find appropriate solutions.**
   1. Action steps: Keep in touch with other MVCAC committees and draft charges as needed
   2. Resources needed: Variable
   3. Timeline: Continuing
   4. Status: Continuing
2. **Standing Charge: Champion the MVCAC research priorities, including building partnerships between MVCAC member agencies and the Pacific Southwest Center of Excellence in Vector-Borne Diseases (PacVec), state, and local agencies. (This charge is contingent in part on continued funding of PacVec.)** 
   1. Action steps:
      * 1. Review MVCAC research priorities annually and post updates to the MVCAC website.
        2. Encourage member agencies to collaborate with academic partners in submitting joint research proposals to PacVec to address research needs of the MVCAC.
        3. Work with member agencies and academic partners to establish an undergraduate internship program. Undergraduates would work during the summer months at a member agency collecting data for a project of interest, students return to campus and analyze data with a university mentor. Students then present their findings at the annual MVCAC conference.
   2. Resources needed: Active committee membership and member agencies that are interested in participating in the programs outlined above.
   3. Timeline: Ongoing
   4. Status: Ongoing
3. **Standing Charge: Provide support to the editor of the MVCAC Annual Proceedings and Papers**
   1. Action steps:
      * 1. Appoint or Reappoint the Editor of the Proceedings on an annual basis, appointment will be approved by the MVCAC board annually with the Vector Control Research Committee’s charges at the planning meeting.
           1. The Committee recommends that William Reisen continue in his role as editor.
        2. Provide the Proceedings Editor with support as needed
   2. Resources needed: Annual stipend for the Proceedings Editor and AMG support for the Proceedings
   3. Timeline: Ongoing
   4. Status: Ongoing
4. **Standing Charge: Coordinate collaborative research investigations at the district level to improve the efficacy and efficiency of IVM programs.** 
   1. Current projects: To be determined as needed
   2. Resources needed: variable
   3. Timeline: Ongoing
   4. Status: Ongoing
5. **Assess methods for making the MVCAC proceedings searchable online and the feasibility of indexing individual papers.** 
   1. Action steps: Investigate methods for better indexing and making searchable the MVCAC Proceedings on the MVCAC website. The solution should go beyond downloading an entire proceedings issue and using text recognition software.
   2. Resources needed: Technical guidance and collaboration with the IT Committee, PR Committees, and new Website and Electronic Infrastructure working group.
   3. Timeline: 2024-2025
   4. Status: Ongoing
6. **Organize a writer’s workshop to help provide support to speakers that are preparing the Proceedings papers. The workshop will be held after the meeting and before the paper deadline.** 
   1. Action steps: Develop a curriculum to help writers adapt their talks to the extended abstract format. Assemble a panel of writing coaches to assist with the workshop.
   2. Resources needed: Volunteers, MVCAC Zoom
   3. Timeline: Post-Annual Meeting 2024
   4. Status: Ongoing

**Committee members:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Member** | **District** | **Year Joined** | **Email** |
| Chris Barker | UC Davis, PacVec, (Trustee) |  | cmbarker@ucdavis.edu |
| Katherin Brisco | Consolidated MAD (S. San Joaquin) | 2023 | kbriscocmad@gmail.com |
| Angela Carnaci | Northwest Mosquito and Vector Control District (Southern California) | 2021 | Acaranci@northwestmvcd.org |
| Eric Haas-Stapleton | Alameda Co MAD (Coastal)  - CalSurv steering committee representative | 2018 | Eric.haas@mosquitoes.org |
| William Reisen | Proceedings Editor | 2016 | wkreisen@gmail.com |
| TBD | CDPH Representative |  |  |
| Sarah Wheeler | Sac-Yolo MVCD (Sac Valley)  - Committee Chair | 2015 | swheeler@fightthebite.net |
|  |  |  |  |
|  |  |  |  |
| **Support** |  |  |  |
| Paula Macedo | Contra Costa MVCD (coastal)  – Board liaison | 2022 | pmacedo@contracostamosquito.com |
| Rachel Hickerson | AMG |  | RHickerson@amgroup.us |