

Wild Cervid Chronic Wasting Disease Management and Response Activities 2023 Cooperative Agreements

2023 Spending Plan

August 2023

2023 Spending Plans for the Wild Cervid Chronic Wasting Disease Management and Response Activities 2023 Cooperative Agreements

USDA APHIS WS is awarding \$6,012,192 through Cooperative Agreements to eighteen State Departments of wildlife (totaling approximately \$3,085,808), sixteen universities (totaling approximately \$2,900,070) and one Tribal government (totaling approximately \$26,313). These projects will allow recipients to further develop and implement CWD management, response, and research activities in wild cervids, including surveillance and testing. Funded projects are listed below.

| Wild Cervid CWD Management Projects | | |
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| Project Title | Entity | Funding Amount |
| Increasing CWD surveillance in Arizona by providing resources for direct hunter sample submission | Arizona Game and Fish Department | \$72,747.00 |
| Arkansas Game and Fish Commission's 2023-2024 CWD White-tailed Deer Statewide Surveillance and Monitoring | Arkansas Game and Fish Commission | \$201,100.00 |
| Arkansas Game and Fish Commission CWD Testing Awareness and Outreach Promotion | Arkansas Game and Fish Commission | \$70,000.00 |
| Applying AFWA Best Management Practices for Chronic Wasting Disease (CWD) Surveillance and Sample Disposal in Louisiana: A State Recently Detecting CWD in Wild Cervids | Louisiana Department of Wildlife and Fisheries | \$182,479.00 |
| Evidenced-based implementation of Chronic Wasting Disease educational programming and preventative strategies in Massachusetts | Massachusetts Division of Fisheries and Wildlife, MassWildlife | \$249,839.00 |
| Utilizing Novel Genetic Resources to Evaluate Effectiveness of Culling to Manage CWD in Endemic Areas | Minnesota Department of Natural Resources | \$233,827.00 |
| Does it Matter - Building a Web Application for Managers to Measure Impacts of CWD Control Strategies | Minnesota Department of Natural Resources | \$113,227.00 |
| Environmental Surveillance for CWD: Improving Understanding of Natural Risk and Refining RT-QuIC Protocols | Mississippi Department of Wildlife, Fisheries, and Parks | \$207,541.00 |
| Fighting Fatigue: Increasing capacity to meet the demands of elevated CWD surveillance in North Carolina | North Carolina Wildlife Resources Commission | \$232,232.00 |
| Oregon Chronic Wasting Disease Prevention, Surveillance, and Management Program FY2023 | Oregon Department of Fish and Wildlife | \$248,730.00 |
| Using Decision Science to Improve CWD Surveillance in Florida | The Florida Fish and Wildlife Conservation Commission (FWC) | \$250,000.00 |

| Wild Cervid CWD Management Projects | | |
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| Project Title | Entity | Funding Amount |
| Increasing chronic wasting disease sample size and quality among Utah's sportsmen and wildlife professionals | Utah Division of Wildlife Resources | \$101,013.00 |
| Optimization of CWD Data Management, Surveillance, and Carcass Disposal Strategies in Virginia | Virginia Department of Wildlife Resources | \$221,413.00 |
| Evaluation of CWD outreach and education to guide disease management in Washington State | Washington Department of Fish and Wildlife | \$56,949.48 |
| Comparison of two surveillance techniques for the efficient detection of CWD among free-ranging cervids in the eastern panhandle of West Virginia | West Virginia Division of Natural Resources, Wildlife Resources Section | \$91,019.00 |
| Deepening Partnerships, Expanding Access: Reducing CWD Transmission Risks by Supporting Proper Carcass Disposal | Wisconsin Department of Natural Resources | \$200,000.00 |
| Assessing risks associated with CWD-positive deer carcasses, scavenging, and carnivore movement within a CWD endemic area | Wisconsin Department of Natural Resources | \$213,334.00 |
| Evaluation of composting CWD-positive Rocky Mountain elk (<i>Cervus canadensis nelsoni</i>) by detection of PrP CWD in composted environmental samples using real-time quaking-induced conversion (RT-QuIC) | Wyoming Game and Fish Department | \$140,358.00 |
| State Agency Sub-TOTAL | | \$3,085,808.48 |
| Use of RT-QuIC for antemortem detection of CWD in blood and lymphoid tissue collected from free-ranging white-tailed deer and elk | Colorado State University | \$192,139.00 |
| Pairing CWD Outreach to the Context: Social, Cultural, and Ecological Variability | Cornell University | \$160,443.00 |
| Confinement of chronic wasting disease prions from infected carcasses after burial | Creighton University | \$250,000.00 |
| Fecal metagenomic and metabolomic biomarkers as tools for Chronic Wasting Disease diagnostics and surveillance | Department of Biomedical Sciences, School of Veterinary Medicine, and Wildlife Futures Program, University of Pennsylvania | \$250,000.00 |
| Growing community-based leadership in CWD response and management in Iowa | Iowa State University | \$150,933.00 |
| Michigan CWD Core Area Outreach & Education | Michigan State University Extension | \$99,712.00 |

| Wild Cervid CWD Management Projects | | |
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| Project Title | Entity | Funding Amount |
| Building regional capacity for CWD research and surveillance in the Southeastern United States | Southeastern Cooperative Wildlife Disease Study (SCWDS) | \$185,373.00 |
| Modeling the effects of wolf predation on risk of Chronic Wasting Disease in Deer in Wisconsin | The Board of Regents of the University of Wisconsin System (UW-Madison) | \$86,986.00 |
| Quantification of soil clay components in northern Illinois to improve characterization of indirect CWD transmission risk and increase the efficacy of management efforts | The Board of Trustees of the University of Illinois | \$208,331.00 |
| Monitoring Chronic Wasting Disease with Bio-Samples and Bio-Detectors | The Penn Vet Working Dog Center | \$249,924.00 |
| Feral swine as spreaders of Chronic Wasting Disease prions | The University of Texas Health Science Center at Houston | \$249,799.00 |
| Pathological investigation of white-tailed deer (<i>Odocoileus virginianus</i>) in Pennsylvania's chronic wasting disease established area | University of Pennsylvania | \$92,030.00 |
| Reproduction and Recruitment in a High Prevalence CWD Area in West Tennessee | University of Tennessee | \$249,975.00 |
| Development of a new platform for rapid and sensitive detection of chronic wasting disease prion in live animal samples | University of Tennessee Institute of Agriculture | \$169,782.00 |
| Enhancing Chronic Wasting Disease (CWD) Testing Capacity at the Washington Animal Disease Diagnostic Laboratory (WADDL) for CWD Surveillance in Washington State | Washington State University | \$197,864.00 |
| Automated CWD IHC location and staining detection: Augmenting CWD surveillance capabilities through artificial intelligence-based image analysis | Washington State University – Washington Animal Disease Diagnostic Laboratory (WSU-WADDL) | \$106,779.00 |
| University Sub-TOTAL | | \$2,900,070.00 |
| Spokane Tribe Chronic Wasting Disease Outreach and Surveillance Project | Spokane Tribe of Indians - Wildlife Program | \$26,313.64 |
| Tribal Government Sub-TOTAL | | \$26,313.64 |
| TOTAL | | \$6,012,192.12 |