

**Wisconsin State Laboratory of Hygiene
Board of Directors Meeting
June 18, 2019
Madison, Wisconsin**

DATE: June 12, 2019

TO: Dean Robert N. Golden, MD, UW-SMPH – Dr. Richard Moss, Designated Representative
Andrea Palm, Secretary, DHS – Charles Warzecha, Deputy Designated Representative
Daniel Meyer, Secretary, DNR – Joseph Liebau Jr., Designated Representative
Sheila Harsdorf, Secretary, DATCP –Gilbert (Gil) Kelley, Designated Representative
Dr. Robert Corliss, Chair
Charles Warzecha, Vice-Chair
Barry Irmen, Member
Jeffery Kindrai, Member
James Morrison, Member
Dr. Richard Moss, Member

Zana Sijan, DNR Alternate
Steve Geis, DNR Alternate
Charles Warzecha, DHS Alternate

FROM: Dr. James Schauer, Secretary
Director, Wisconsin State Laboratory of Hygiene

RE: Wisconsin State Laboratory of Hygiene Board of Directors Meeting
Wisconsin State Laboratory of Hygiene
2601 Agriculture Drive
Madison, WI 53718
June 18, 2019
1:00 p.m. — 4:00p.m.

C: Allen Benson
Cynda DeMontigny
Christine Gunter
Kristine Hansbery
Kevin Karbowski
Jan Klawitter
Dr. Daniel Kurtycz
Dr. Peter Shult
Steve Strebel
David Webb

**WISCONSIN STATE LABORATORY OF HYGIENE
BOARD OF DIRECTORS**

MEETING NOTICE

Tuesday, June 18, 2019

1:00p.m. – 4:00p.m.

MEETING LOCATION

**Wisconsin State Laboratory of Hygiene
2601 Agriculture Drive
Madison, WI 53718**

Notice is hereby given that the Wisconsin State Laboratory of Hygiene Board of Directors will convene at 1:00 p.m. on Tuesday, June 18, 2019 at Wisconsin State Laboratory of Hygiene in Madison, Wisconsin.

Notice is further given that matters concerning Wisconsin State Laboratory of Hygiene issues, program responsibilities or operations specified in the Wisconsin Statutes, which arise after publication of this notice may be added to the agenda and publicly noticed no less than two hours before the scheduled board meeting if the board Chair determines that the matter is urgent.

Notice is further given that this meeting may be conducted partly or entirely by teleconference or videoconference.

Notice is further given that questions related to this notice, requests for special accommodations, or requests for a public appearance are addressed by the Wisconsin State Laboratory of Hygiene Administrative Offices by phone at (608) 890-0288 or in writing to the Wisconsin State Laboratory of Hygiene, 465 Henry Mall, Madison, Wisconsin, 53706.

ORDER OF BUSINESS: See agenda.

Respectfully submitted,



James J. Schauer, PhD, P.E., M.B.A.
Secretary, Wisconsin State Laboratory of Hygiene Board of Directors
Director, Wisconsin State Laboratory of Hygiene
June 12, 2018

Wisconsin State Laboratory of Hygiene
Board of Directors Meeting
June 18, 2019
1:00 P.M. – 4:00 P.M.

Wisconsin State Laboratory of Hygiene
2601 Agriculture Drive
Madison, WI 53718

AGENDA

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Wisconsin State Laboratory of Hygiene
Board of Directors Meeting
June 18, 2019

PROCEDURAL ITEMS

Item 1. ROLL CALL

Description of Item:

Roll call of attendance at Board Meeting led by Board Chair.

Suggested Board Action:

Submit roll call.

Staff Recommendation and Comments:

Roll call will be recorded by Board Secretary.

Wisconsin State Laboratory of Hygiene
Board of Directors Meeting
June 18, 2019

PROCEDURAL ITEMS

Item 2. APPROVAL OF MINUTES

Description of Item:

The draft minutes of the March 19th, 2019 board meeting are submitted for approval.

Suggested Board Action:

Motion: Approve the draft minutes of the March 19th, 2019 board meeting as submitted.

Staff Recommendation and Comments:

Approve draft minutes.

Once approved, minutes become part of the public record and are posted on the WSLH website: <http://www.slh.wisc.edu/about/board/board-meetings-agendas-and-minutes/>.

**Wisconsin State Laboratory of Hygiene
Board of Directors Meeting
June 18, 2019**

**UNAPPROVED MINUTES
March 19, 2019
1:00 P.M. – 4:00 P.M.
Wisconsin State Laboratory of Hygiene
2601 Agriculture Drive
Madison, WI 53718**

MEMBERS PRESENT: Chair Dr. Richard Moss, Vice-Chair Dr. Robert Corliss, Secretary Dr. Jamie Schauer, Jeffery Kindrai, Charles Warzecha, James Morrison, Barry Irmey, Gil Kelley (phone)

WSLH STAFF PRESENT: Dr. Allen Bateman (for Dr. Peter Shult), Dr. Vanessa Horner, Christine Gunter, Jim Sterk, Kevin Karbowski, Cynda DeMontigny, Jan Klawitter, Kristine Hansbery, Steve Strebel, Tracy Hanke, Erin Mani and Nathaniel Javid

DNR STAFF PRESENT: Zana Sijan

GUESTS PRESENT: Dr. Stephanie Schauer, Stephen Ales

Chair Dr. Richard Moss called the meeting to order at 1:00 P.M.

Item 1. ROLL CALL

Chair Dr. Richard Moss initiated the roll call of the Board. All Board Member seats or their designated representatives were present and Gil Kelley participated over the telephone.

Item 2. APPROVAL OF MINUTES

Approve the minutes of the December 18, 2018 Board Meeting as submitted. **Charles Warzecha** made a motion to approve the minutes. **Jeffery Kindrai** seconded the motion. The voice vote approving the corrected minutes was unanimous.

Item 3. REORGANIZATION OF AGENDA

There was no reorganization of the agenda.

Item 4. PUBLIC APPEARANCES

There were no public appearances.

Item 5. BOARD MEMBERS' MATTERS

Dr. Moss mentioned there is a new capability on campus, geo-coding, which may be useful for the functions of the WSLH. A center will be formed surrounding geo-coding and we will disseminate more information once it is available. Dr. Moss wanted to present this information to the Board, as it may be useful for them as well.

Item 6. FINANCIAL REPORT

■ Kevin Karbowski, Chief Financial Officer, Wisconsin State Laboratory of Hygiene

Mr. Karbowski provided the budget report for the period of July 1, 2018 through January 31, 2019. Mr. Karbowski noted that our year-to-date actual net operating income is \$677,204, which is \$296,391 greater than our budget of \$351,520. Mr. Karbowski reviewed some of the major variances in the budget. Much of these variances have been expected. Overall, we anticipate being above budget this year, although we do not have the exact amount. Looking at our working capital, we see that with an increase in activity, there is an increase in cash flow. From January 31, 2019 to June 30, 2018, our available working capital has increased by \$48,512.

Mr. Karbowski presented the preliminary budget for FY20. Using a conservative approach, we project a net operating loss of \$455,385 and cash flow positive of \$310,028. We are expecting to be on track to create a break-even budget. A final budget will be presented at our Board Meeting in June.

Item 7. STRATEGIC PLAN UPDATES

Cytogenetics Business Plan

■ Dr. Vanessa Horner, Director, WSLH Cytogenetics

Dr. Horner gave an update on the Cytogenetics Business Plan Strategic Initiative. The Department of Cytogenetics and Molecular Genetics at the WSLH is primarily concerned with genomic medicine in the setting of inherited disorders and acquired neoplastic conditions such as leukemia and lymphoma. The tools and methodologies used by the Cytogenetics department as well as expert knowledge of the human genome are applicable to many relevant public health fields. Therefore, a strong foundation in genetics and genomics will allow the WSLH to develop cutting-edge research and testing for the State of Wisconsin. The Cytogenetics Business Plan goals are to 1) develop larger research programs that leverage clinical expertise, basic science, and shared resources across campus, 2) clinical validation of new sequencing technologies that will benefit research programs as well as clinical activities, and 3) section director review and sign-out of all WiCell cases. The first goal is being executed by identifying grants to support new research programs, and writing and submitting grants. Dr. Horner highlighted several areas where grants were submitted. For the second goal, we have established a partnership with Prevention Genetics in the short-term. This will allow us to bring on new sequencing technologies in a rapid and cost-effective manner. In the long-term, we are building WSLH infrastructure to support in-house genomics. For the third goal, WiCell works on characterizing and distributing human stem-cell lines. We began a contract with WiCell in May 2018, which has allowed for an immediate increase in test volume and revenue. The WSLH contract with WiCell has just been renewed for the next year. Dr. Schauer took a moment to thank Dr. Horner on all the work she has done in this area.

Space

■ **Kevin Karbowski, WSLH Chief Financial Officer**

Mr. Karbowski gave the update on space. Mr. Karbowski noted that space is emerging to be a critical issue for the WSLH as we continue to make significant scientific and equipment investments that address core mission needs and programmatic opportunities. Key areas of potential growth are in genomics, national monitoring programs, human biomonitoring, and collaborative research. Mr. Karbowski noted that the WSLH Agriculture Drive facility is at full or over capacity. The Henry Mall facility needs renovations to support current programs and to allow current unused space to meet future programmatic needs. The WSLH Walton Commons facility is not adequately supported as a critical state or campus facility for COOP. The Agriculture Drive facility expansion and/or the Henry Mall facility replacement will likely take twenty to thirty years through existing state programs. Mr. Karbowski noted some strategies to deal with building space issues ranging from the short term (e.g., working together to best use space along with minor renovations) to the long term (e.g., replacement of the Henry Mall facility and potential changes in state building procurement could allow for different scenarios).

Item 8. SCIENTIFIC PRESENTATION

Perfluoroalkyl Substances (PFAS)

- **Stephen Ales, Field Operations Director, WI DNR**
- **Erin Mani, ESS Organics Supervisor, WSLH**

Mr. Ales presented on Per and Polyfluoroalkyl Substances (PFAS). Mr. Ales' area in the DNR deals with spills of hazardous substances. PFAS chemicals are man-made chemicals that are heat resistant, slippery, and do not naturally degrade. PFAS was used in food packaging, Teflon coated cookware, water repellent coatings, coated paper, among other consumer products. PFAS is problematic because it does not naturally degrade, it moves readily through the subsurface (does not attach to soil or organic matter), plumes can extend for miles, and it is highly bio-accumulative in fish. The EPA's health advisory limit is at 70 parts per trillion for cumulative PFOA and PFOS. Because this is an advisory limit, state agencies do not have regulatory authority to do something about it. Some health concerns for PFAS include lowered fertility in women and smaller birthweight babies, along with growth, learning, behavior effects in infants and children, interferences with the body's natural hormones, and cancer.

We currently do not have a ground water standard (NR140) in Wisconsin for this. WI DHS is working on making a recommendation to the DNR. Wisconsin does, however, regulate hazardous substances. Some PFAS sites in Wisconsin include firefighting foams, landfills, wastewater treatment plants, cookware manufacturing, and military sites.

Mr. Ales reviewed some cases of PFAS in Wisconsin including Johnson Control Incorporated, which serves as both a production site and Fire Training Center. The Fire Training Center plume has affected about 50 private wells. We have also found soil contamination and extensive surface water contamination. PFAS compounds do not appear to have stuck to sediment in the surface water. Mr. Ales also mentioned landfills and several military sites, along with more sites to be expected in the future in which we will be dealing with PFAS.

Mr. Ales discussed the responses the DNR has taken to address this PFAS issue. This includes creating an external web page gathering information about PFAS sites in Wisconsin. A Communication Team has been developed along with division teams including a drinking water response team, and a Division PFAS Steering Team. For the future, we will plan to develop a department-wide PFAS team.

Dr. Schauer introduced Erin Mani, WSLH, to give an update on what we are doing on the laboratory side for PFAS. Ms. Mani noted that we are using EPA 537.1 and we will seek NELAC and WI DNR accreditation when they are available. Ms. Mani noted the WSLH will use the ISO method for the following matrices: Non-potable water, soil/sediment, tissue, and serum. This method has thirty analytes. The current plan of action includes optimizing the instrument for each of the analytes. We will run standards for the entire list through extractions for non-potable water, tissue, serum, and soil/sediment. We will determine a possible subset of analytes for each matrix. Then, we will apply for NELAC and WI DNR accreditation. For drinking water, we currently offer analysis, and are seeking NELAC accreditation in May 2019 and DNR accreditation when available. For surface water and tissue, we plan offer testing in June, and will seek NELAC accreditation in the fall, seeking DNR accreditation when available. For water, we plan to offer testing late in the summer, and will seek NELAC accreditation in the fall, seeking DNR accreditation when available. For sediment and serum, we plan to offer testing in the fall and will seek NELAC accreditation in the fall, and will seek DNR accreditation when available. Lastly, for air we will look into methods in the late fall/winter. Ms. Mani discussed some future possibilities for PFAS in waste (ASTM method) and PFAS in air. Ms. Mani noted that there have been inquiries for these methods and more from our partners.

Item 9. SCIENTIFIC PRESENTATION

Measles

- **Stephanie Schauer, Ph.D., Immunization Program Manager, Wisconsin Immunization Program, Wisconsin Department of Health Services**
- **Allen Bateman, Ph.D., Assistant Director, Communicable Disease Division WSLH**

Dr. Schauer presented on Measles in Wisconsin. We do not have any cases in Wisconsin yet, although it is national issue. There was an outbreak in the Somali community in Minnesota in 2017. This is largely due to low immunization rates. In 2018, there were more outbreaks in New York, New Jersey and Washington. Most of these cases are in unvaccinated individuals who travel to areas where measles are present. Measles is highly contagious and is airborne. It is estimated that it costs each state \$140,000 to contain one case of measles. Dr. Schauer mentioned the influence of social media on pro-vaccination and anti-vaccination. With respect to Wisconsin, we have school requirements, so children will get the vaccine that way; however, we have some personal exemption waivers. Overall, eighty-nine percent of children are covered with the measles vaccine. We need a herd immunity of ninety-five percent in order to prevent an outbreak. We also have received a number of calls about suspect measles cases, although none of them have turned out to be positive. We need to make sure all of our suspect cases have laboratory rule-outs. Another challenge we have is to make sure samples do not go out of state.

Dr. Bateman discussed the testing of measles. Measles testing is for direct patient care, but also a public health response. We perform PCR testing, and if the PCR test is positive, we

perform genotyping. This is done to determine if there is a vaccine reaction or not. Genotyping also gives us a big picture of the strains that are circulating. The testing we do is also part of the vaccine preventable diseases program coordinated out of the CDC. The WSLH serves as a reference center, for surge capacity but also providing testing for other states that do not have the genotyping capability.

Item 9. HUMAN RESOURCES REPORT

■ Cynda DeMontigny, Human Resources Director, Wisconsin State Laboratory of Hygiene

Ms. DeMontigny went over the human resources report from December 8, 2018 to March 8, 2019. For recruitments, we have four in the Disease Prevention Division (DPD), four in the Environmental Health Division (EHD), none in the Laboratory Improvement Division (LID), two in the Communicable Disease Division (CDD), zero in Administration, and one in the Occupational Health Division (OHD) for a total of 11.

For hires, we had three in DPD, five in EHD, zero in LID, two in CDD, two in Administration, and two in OHD. For resignations, we had one in DPD, two in EHD, zero in LID, and two in CDD, zero in OHD, and zero in Administration. There were no retirements for this period.

Item 10. CONTRACTS REPORT

■ Christine Gunter, Financial Program Supervisor, Wisconsin State Laboratory of Hygiene

For March 2019, we have received \$1, 268,766.66 in contracts broken down by WSLH division: CDD (\$271,354), DPD (\$240,000), EHD (\$50,000), Newborn Screening (\$480,000) and Forensic Toxicology (\$219, 267.66), and Proficiency Testing (\$8,145). Broken down by contractor, the funds are \$639, 451 with WDHS, \$41,170.66 with WI DOJ, \$50,000 for the American Society of Cytopathology, \$50,000 from Kairos Power, \$480,000 from the State of Montana, and \$8,145 from the USDA. Jeffery Kindrai asked about timing with Newborn Screening tests for samples from other states. Dr. Schauer replied that he would find out and report back to Mr. Kindrai at the next Board Meeting.

Item 11. DIRECTOR'S REPORT

■ Dr. James Schauer, Director, Wisconsin State Laboratory of Hygiene

Dr. Schauer asked Public Relations Director, Ms. Jan Klawitter, to present the Public or Environmental Health Incidents of Educational Interest to the Board. These include an APHL LabBlog that was published about flu funding, a WISC-TV story on newborn screening, and Science Day at the UW-Madison campus hosted at the WSLH, among others. Ms. Klawitter also mentioned the publishing of the CDC 2018 Antibiotic Resistance Investment Map, the National Biomonitoring Network, of which the WSLH is now a member. The UW-Madison Graduate Women in Science also toured the WSLH, and the WSLH's Toxicology Manager, Amy Miles, was interviewed by the Wisconsin Traffic Safety Reporter.

Ms. Klawitter mentioned that the WSLH conducts a laboratory surveillance report. In the latest report, it was noted that we are in peak flu season with an increase in rotavirus. However, Dr. Bateman noted that vaccine coverage has increased greatly, so there is a decrease in rotavirus overall. We have, however, noted a trend in which we see occasional upticks.

The Board reviewed the Water Systems Boil Notice Report for the period of December 2018 through February 2019. In this period, there were two boil notices for Columbia County, and one boil notice for Dane County. The Board discussed the March meeting date and it was confirmed, as scheduled, for Tuesday, March 19, 2019.

Dr. Schauer confirmed with the Board that the September Board Meeting will take place at the School of Medicine and Public Health on UW-Madison campus including a tour of the new human genomics and precision medicine facility. The Board did not formally vote on this topic, but agreed with the plan. Dr. Moss echoed that this would be a good plan.

Chair Dr. Richard Moss transitioned the meeting to discuss the Election of Officers. At this time, we would need to identify a Vice-Chair. The current Vice-Chair will assume the role of the Chair, and there is a default nomination to have Dr. Schauer remain the Secretary.

Jeffery Kindrai moved to nominate **Charles Warzecha**, seconded by **Barry Irmén**. Charles Warzecha accepted the nomination.

Jeffery Kindrai, seconded by **James Morrison**, made the motion to elect Dr. Robert Corliss as Chair, Charles Warzecha as Vice-Chair, and Dr. James Schauer as Secretary. The motion carried and all three Board Members were elected for the next term.

Dr. Richard Moss thanked the Board for the opportunity to serve.

Jeffery Kindrai made a motion to adjourn the meeting at 3:05 P.M. **Dr. Richard Moss** seconded the motion. The motion passed unanimously and the meeting was adjourned.

Respectfully submitted by:



James J. Schauer, PhD, P.E., M.B.A.
Secretary, Wisconsin State Laboratory of Hygiene Board of Directors

Wisconsin State Laboratory of Hygiene
Board of Directors Meeting
June 18, 2019

PROCEDURAL ITEMS

Item 3. REORGANIZATION OF AGENDA

Description of the Item:

Board members may suggest changes in the order in which agenda items are discussed.

Suggested Board Action:

None.

Staff Recommendation and Comments:

Reorganize the agenda if requested by the Board.

**Wisconsin State Laboratory of Hygiene
Board of Directors Meeting
June 18, 2019**

PROCEDURAL ITEMS

Item 4. PUBLIC APPEARANCES

Description of the Item:

Under the board's *Policies and Procedures* nonmembers are invited to make presentations.

Suggested Board Action:

Follow WSLH *Policies and Procedures*.

Staff Recommendation and Comments:

Follow WSLH *Policies and Procedures*.

Per *Policies and Procedures of the Wisconsin State Laboratory of Hygiene Board of Directors*:

§6.12 *Speaking privileges.* When the board is in session, no persons other than laboratory staff designated by the director shall be permitted to address the board except as hereinafter provided:

- (a) A committee report may be presented by a committee member who is not a member of the board.
- (b) A board or committee member in the course of presenting a matter to the board may request staff to assist in such a presentation.
- (c) If a board member directs a technical question for clarification of a specific issue to a person not authorized in this section, the Chair may permit such a person to respond.
- (d) The board may by majority vote or by decision of the Chair allow persons not otherwise authorized in this section to address the board if the situation warrants or the following criteria is followed:
 - (1) Written requests for public appearances on specific current agenda items shall be made to the board Secretary no later than two working days prior to the meetings. The request shall outline the reasons for the request including the subject matter to be discussed in as much detail as is feasible prior to the meeting of the board. Those requesting an appearance may, at or prior to the board meeting, provide board members copies of any written materials to be presented or a written statement of a position.
 - (2) Individual presentations will be limited to five minutes, unless otherwise authorized by the Chair.
 - (3) To schedule an appearance before the Wisconsin State Laboratory of Hygiene Board of Directors, contact the board Secretary, c/o Director, Wisconsin State Laboratory of Hygiene, 465 Henry Mall, Madison, Wisconsin 53706. Telephone (608) 890-0288. The subject or subjects to be discussed must be identified.
 - (4) The Wisconsin State Laboratory of Hygiene "Guidelines for Citizen Participation in WSLH Board Meetings" are published on its website: <http://www.slh.wisc.edu/index.shtml> and printed copies are available on request. (See Appendix 5) [Section §6.12 approved 5/27/03 board meeting.]

Appendix 5

Guidelines for Citizen Participation at WSLH Board Meetings

The Wisconsin State Laboratory of Hygiene board provides opportunities for citizens to appear before the board to provide information to the board on items listed on the agenda. Such appearances shall be brief and concise. In order to accommodate this participation in the allotted time, the guidelines are as follows:

- A. Items to be brought before the board:
 - 1. The board Secretary and Chair will assign a specific time on the agenda to hear public comment when a request to speak has been received from a member of the public.
 - 2. Individuals or organizations will be limited to a total of five (5) minutes to make a presentation to the board. Following the presentation board members may ask clarifying questions.
 - 3. An organization is limited to one (1) spokesperson on an issue.
 - 4. On complex issues, individuals wishing to appear before the board are encouraged to submit written materials to the board Secretary in advance of the meeting so the board may be better informed on the subject in question. Such information should be submitted to the board Secretary for distribution to all board members no later than seven (7) working days before the board meeting.
 - 5. No matters that are in current litigation may be brought before the board.
- B. The board encourages individuals to confine their remarks to broad general policy issues rather than the day-to-day operations of the Wisconsin State Laboratory of Hygiene.
- C. Citizens who have questions for board members should ask these questions prior to the board meeting, during any recess during the board proceedings, or after board adjournment.
- D. Written requests to appear before the WSLH Board of Directors should be submitted no later than two (2) working days prior to a scheduled board meeting.
- E. Submit written requests to:
Secretary, Wisconsin State Laboratory of Hygiene Board of Directors
C/O WSLH Director
465 Henry Mall
Madison, WI 53706
Telephone: (608) 890-0288
Email: nathaniel.javid@slh.wisc.edu

Wisconsin State Laboratory of Hygiene
Board of Directors Meeting
June 18, 2019

BUSINESS ITEMS

Item 5. BOARD MEMBERS' MATTERS

Description of the Item:

Board Members' Matters will present board members with the opportunity to ask questions and/or discuss issues related to the Wisconsin State Laboratory of Hygiene.

Suggested Board Action:

Receive for information.

Staff Recommendations and Comments:

Receive for information.

Wisconsin State Laboratory of Hygiene
Board of Directors Meeting
June 18, 2019

BUSINESS ITEMS

Item 6. FINANCIAL REPORT

Description of the Item:

Kevin Karbowski, WSLH Chief Financial Officer, will provide the April 2019 Financial Report to the Board.

Suggested Board Action:

Review and provide input.

Staff Recommendations and Comments:

Receive for information.

WISCONSIN STATE LABORATORY OF HYGIENE

FINANCIAL REPORT

FISCAL YEAR 2019

April 30, 2019

Contents

FINANCIAL STATEMENTS

Statement of income

Comparative income statement

Comparative balance sheet

Statement of cash flows

Notes to the financial statements

**Wisconsin State Laboratory of Hygiene
Board of Directors Meeting
June 18, 2019**

**WISCONSIN STATE LABORATORY OF HYGIENE
STATEMENT OF INCOME
For the period July 1, 2018 through April 30, 2019**

	Year to Date Actual	Year to Date Budget	Variance Over/(Under)	Variance % of Budget	Fiscal Year 2019 Annual Budget
SUPPORT AND REVENUE					
Laboratory Services Revenues (Note 2)					
Department of Health Services	\$ 6,539,088	\$ 5,429,602	\$ 1,109,486	20.4%	\$ 7,824,593
Newborn Screening	4,452,585	4,299,295	153,290	3.6%	5,199,034
Driver Improvement Surcharge (OWI)	1,317,618	1,332,340	(14,722)	-1.1%	1,619,200
Department of Natural Resources	533,614	593,616	(60,002)	-10.1%	732,318
University of Wisconsin Systems	756,643	605,912	150,731	24.9%	685,240
Other Wisconsin State and Local Agencies	285,154	54,350	230,804	424.7%	62,609
Wisconsin State and Local Agencies	13,884,702	12,315,115	1,569,587	12.75%	16,122,994
Clinical	4,761,040	4,314,489	446,551	10.4%	5,145,626
Proficiency Testing	2,421,698	2,570,086	(148,388)	-5.8%	3,175,246
Occupational Health	1,535,506	1,585,000	(49,494)	-3.1%	1,894,000
Association of Public Health Laboratories	915,734	1,207,000	(291,266)	-24.1%	1,512,000
National Atmospheric Deposition Program	1,715,177	1,540,917	174,260	11.3%	1,849,104
Federal Agencies	178,416	159,918	18,498	11.6%	178,277
Environmental Testing	1,027,751	1,265,990	(238,239)	-18.8%	1,529,514
Other Nonagency	209,790	244,710	(34,920)	-14.3%	287,072
Nonagency	12,765,112	12,888,110	(122,998)	-1.0%	15,570,839
Sponsored Projects	5,811,264	5,303,504	507,760	9.6%	6,303,637
Earnings - Investment Income	233,070	209,500	23,570	11.3%	260,000
Program Revenue	32,694,148	30,716,229	1,977,919	6.4%	38,257,470
State General Program Revenue (GPR)	9,558,729	9,360,061	198,668	2.1%	11,300,000
TOTAL SUPPORT AND REVENUE	42,252,877	40,076,290	2,176,587	5.4%	49,557,470
EXPENSES					
Salaries	16,358,927	16,379,741	(20,814)	-0.1%	19,942,263
Fringe Benefits	6,413,394	6,637,376	(223,982)	-3.4%	7,690,556
Supplies & Services	13,073,804	12,783,564	290,240	2.3%	15,645,390
Transfer Overhead to UW	754,116	747,861	6,255	0.8%	891,514
Building Rent	2,507,546	2,470,271	37,275	1.5%	3,059,139
Depreciation	1,576,532	1,588,281	(11,749)	-0.7%	1,932,088
Bad Debt Expense	5,000	5,000	0	0.0%	6,000
Interest Expense	34,803	31,400	3,403	10.8%	39,000
Loss From Disposal Of Assets	17,797	-	17,797		-
TOTAL EXPENSES	40,741,919	40,643,494	98,425	0.2%	49,205,950
NET OPERATING INCOME (LOSS)	\$ 1,510,958	\$ (567,204)	\$ 2,078,162	-366.4%	\$ 351,520

WISCONSIN STATE LABORATORY OF HYGIENE
COMPARATIVE INCOME STATEMENT
For the 10 months ended April 30, 2019 and April 30, 2018

	Current Year Actual	Prior Year Actual	Variance Over/(Under)	Percentage Change
SUPPORT AND REVENUE				
Laboratory Services Revenues (Note 2)				
Department of Health Services	\$ 6,539,088	\$ 5,858,264	\$ 680,824	11.6%
Newborn Screening	4,452,585	4,501,716	(49,131)	-1.1%
Driver Improvement Surcharge (OWI)	1,317,618	1,362,606	(44,988)	-3.3%
Department of Natural Resources	533,614	593,545	(59,931)	-10.1%
University of Wisconsin Systems	756,643	647,919	108,724	16.8%
Other Wisconsin State and Local Agencies	285,154	50,965	234,189	459.5%
Wisconsin State and Local Agencies	13,884,702	13,015,015	869,687	6.68%
Clinical	4,761,040	4,190,561	570,479	13.6%
Proficiency Testing	2,421,698	2,539,322	(117,624)	-4.6%
Occupational Health	1,535,506	1,617,035	(81,529)	-5.0%
Association of Public Health Laboratories	915,734	1,210,036	(294,302)	-24.3%
National Atmospheric Deposition Program	1,715,177	82,000	1,633,177	1991.7%
Federal Agencies	178,416	164,115	14,301	8.7%
Environmental Testing	1,027,751	1,218,305	(190,554)	-15.6%
Other Nonagency	209,790	68,408	141,382	206.7%
Nonagency	12,765,112	11,089,782	1,675,330	15.1%
Sponsored Projects	5,811,264	4,817,955	993,309	20.6%
Earnings - Investment Income	233,070	117,462	115,608	98.4%
Program Revenue	32,694,148	29,040,214	3,653,934	12.6%
State General Program Revenue (GPR)	9,558,729	9,456,265	102,464	1.1%
TOTAL SUPPORT AND REVENUE	42,252,877	38,496,479	3,756,398	9.8%
EXPENSES				
Salaries	16,358,927	14,993,352	1,365,575	9.1%
Fringe Benefits	6,413,394	5,995,277	418,117	7.0%
Supplies & Services	13,073,804	12,685,079	388,725	3.1%
Transfer Overhead to UW	754,116	690,590	63,526	9.2%
Building Rent	2,507,546	2,441,001	66,545	2.7%
Depreciation	1,576,532	1,597,112	(20,580)	-1.3%
Bad Debt Expense	5,000	1,710	3,290	192.4%
Interest Expense	34,803	22,223	12,580	56.6%
Loss From Disposal Of Assets	17,797	17,905	(108)	-0.6%
TOTAL EXPENSES	40,741,919	38,444,249	2,297,670	6.0%
NET OPERATING INCOME (LOSS)	\$ 1,510,958	\$ 52,230	\$ 1,458,728	2792.9%

WISCONSIN STATE LABORATORY OF HYGIENE
COMPARATIVE BALANCE SHEET
As of April 30, 2019 and June 30, 2018

ASSETS

	April 30, 2019	June 30, 2018
CURRENT ASSETS		
Cash	\$ 12,269,439	\$ 11,093,549
Cash-restricted-newborn screening surcharge	1,469,618	1,921,138
Net accounts receivables (Note 3)	4,666,713	4,273,102
Other receivables	650,000	642,898
Inventories	61,957	44,106
Prepaid expenses	144,008	296,215
Total current assets	19,261,735	18,271,008
EQUIPMENT AND BUILDING IMPROVEMENTS		
Equipment	28,771,550	27,202,326
Building improvements	6,822,509	6,822,509
	35,594,059	34,024,835
Less accumulated depreciation	(24,486,530)	(23,914,813)
Total net fixed assets	11,107,529	10,110,022
Total Assets	\$ 30,369,264	\$ 28,381,030

LIABILITIES AND EQUITY

CURRENT LIABILITIES

Salaries and fringe benefits payable	\$ -	\$ 20,906
Accounts payable	522,986	609,668
Accrued expenses	289,403	153,164
Deferred revenue	95,000	17,740
Compensated absences (Note 4)	659,591	617,515
Proficiency testing deferred revenue	1,777,450	1,053,933
Newborn screening deferred revenue	2,405,666	2,306,299
Newborn screening surcharge payable	1,469,618	1,921,138
Total current liabilities	7,219,714	6,700,363

LONG TERM DEBT

Compensated Absences (Note 4)	1,674,824	1,779,089
Total long term debt	1,674,824	1,779,089
Total Liabilities	8,894,538	8,479,452

EQUITY

Retained earnings-restricted (Note 5)		
Operating contingency	2,060,980	1,900,965 ₂₀
Total restricted retained earnings	2,060,980	1,900,965

WISCONSIN STATE LABORATORY OF HYGIENE
STATEMENT OF CASH FLOWS
For the 10 months ended April 30, 2019 and April 30, 2018

	Current Year	Prior Year
CASH FLOWS FROM OPERATING ACTIVITIES		
Net income	\$ 1,510,958	\$ 52,230
Adjustments to reconcile net income to net cash provided by operating activities:		
Depreciation	1,576,532	1,597,112
Changes in working capital components:		
Decrease/(Increase) in net accounts receivables	(393,611)	37,371
Decrease/(Increase) in other receivables	(7,102)	298,802
Decrease/(Increase) in inventories	(17,851)	22,199
Decrease/(Increase) in prepaid expenses	152,207	(199,024)
(Decrease)/Increase in salaries payable	(20,906)	(13,416)
(Decrease)/Increase in accounts payable	(86,682)	(263,482)
(Decrease)Increase in accrued expenses	136,239	(19,461)
(Decrease)Increase in deferred revenue	77,260	0
(Decrease)Increase in proficiency testing deferred revenue	723,517	590,909
(Decrease)/Increase in newborn screen deferred revenue	99,367	(59,505)
(Decrease)/Increase in newborn screening surcharge payable	(451,520)	81,986
	3,298,408	2,125,721
CASH FLOWS FROM INVESTING ACTIVITIES		
Purchase of equipment and physical plant improvements	(2,574,038)	(1,923,793)
	(2,574,038)	(1,923,793)
CASH FLOWS FROM FINANCING ACTIVITIES		
Principal payment on Capital Lease	-	-
	-	-
Net cash provided (used) in financing activities	-	-
Net increase (decrease) in cash	724,370	201,928
Cash:		
Beginning	13,014,687	13,883,259
Ending	\$ 13,739,057	\$ 14,085,187

WISCONSIN STATE LABORATORY OF HYGIENE
NOTES TO THE FINANCIAL STATEMENTS
For the period July 1, 2018 through April 30, 2019

NOTE 1 - NATURE OF BUSINESS AND SIGNIFICANT ACCOUNTING POLICIES

Nature of Business:

- The Wisconsin State Laboratory of Hygiene (WSLH) is a governmental institution which provides medical, industrial and environmental laboratory testing and related services to individuals, private and public agencies, including the Department of Natural Resources (DNR) and the Department of Health Services (DHS). Approximately 75% of the WSLH operating revenues are program revenues, including contracts, grants, and fee-for-service billing. The remainder are general purpose revenues (GPR), which are Wisconsin state general fund dollars.

Budgetary Data:

- Fiscal Year 2018-2019 operating budget amounts were approved by the WSLH Board on June 19, 2018.

Basis of Presentation:

- The financial statements have been prepared on a modified accrual basis following Generally Accepted Accounting Principles (GAAP).

Basis of Accounting:

- Revenues are recognized at the completion of the revenue generating processes. Fee-for-service revenues are generally recognized in the period services are completed.
- Revenues from GPR, OWI, Grants, and expense reimbursement contracts for salaries, fringe benefits, capital, and supplies are recognized as expended.
- Expenses are recognized and accrued when the liability is incurred.

Estimates and assumptions:

- The preparation of financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect the amounts reported in the financial statements and accompanying footnotes. Actual results could differ from those estimates.

Assets:

- Cash is considered restricted if, by prior agreement with an outside entity, it must be segregated for future use by the outside entity or by WSLH at the outside entity's behest. As of April 30, 2019 available cash is restricted in an amount equal to the newborn screening surcharge payable to the Wisconsin Department of Health Services.
- Accounts receivable are reported at net realizable value. Net realizable value is equal to the gross amount of receivables less an estimated allowance for uncollectible amounts.
- Inventory is stated at cost (first in, first-out method).
- Equipment and building improvements are carried at cost. Expenditures for assets in excess of \$5,000 are capitalized. Depreciation is computed by the straight-line method.

Liabilities

- A liability for unearned revenue is recognized for prepaid receipts for WSLH-provided Proficiency Testing programs and for prepaid newborn screening tests.

NOTE 2 - LABORATORY SERVICES REVENUES

- At the Board's request, Laboratory Service Revenues on the Income Statement have been divided into two groups, Agency and Non-Agency, as follows:

Agency:

Department of Health Services
 Newborn Screening
 Driver Improvement Surcharge (OWI)
 Department of Natural Resources
 University of Wisconsin Systems
 Municipalities
 Law Enforcement Agencies
 Department of Agriculture, Trade and Consumer Protection
 Office of Justice Assistance
 Wisconsin Emergency Management

Non-Agency:

UW Hospital Authority
 Medicare and Medicaid
 Proficiency Testing
 Occupational Health
 Federal Agencies

All other revenue from individuals, businesses, clinics, and hospitals.

NOTE 3 - ACCOUNTS RECEIVABLE

- Accounts receivable and allowance for uncollectible account balances as of April 30, 2019 and June 30, 2018 are as follows:

	<u>April 30, 2019</u>	<u>June 30, 2018</u>
Accounts Receivable Total	\$4,769,310	\$4,398,102
Allowance for bad debt	<u>(102,597)</u>	<u>(125,000)</u>
Net Receivables	\$4,666,713	\$4,273,102

NOTE 4 - COMPENSATED ABSENCES

- GASB Statement No. 16, "Accounting for Compensated Absences," establishes standards of accounting and reporting for compensated absences by state and local governmental entities for which employees will be paid such as vacation, sick leave, and sabbatical leave. Using the criteria in Statement 16, a liability for compensated absences that is attributable to services already rendered and that is not contingent on a specific event that is outside the control of the State and its employees has been accrued. The table below details the liability by benefit category:

	<u>Total</u>	<u>Vacation</u>	<u>Pers Hol</u>	<u>Legal Hol</u>	<u>Sabbatical</u>
Current	\$659,591	\$470,897	\$74,084	\$17,248	\$97,362
Long Term	<u>1,674,824</u>				<u>1,674,824</u>
	\$2,334,415	\$470,897	\$74,084	\$17,248	\$1,772,186

NOTE 5 - RETAINED EARNINGS - RESTRICTED

The operating contingency is computed annually and reflects two months of salary and fringe benefit cost for positions funded from program revenues. The contingency fund is considered adequately funded if working capital is greater than the contingency fund restriction. As of April 30, 2019 working capital (current assets less current liabilities) was \$12,042,021 thereby meeting the target contingency reserve requirement of \$2,060,980.

Wisconsin State Laboratory of Hygiene
Board of Directors Meeting
June 18, 2019

BUSINESS ITEMS

Item 7. FY20 Budget Approval

Description of the Item:

Kevin Karbowski, WSLH Chief Financial Officer, will present the budget for FY20. Each year the WSLH presents the budget to the Board prior to the beginning of the state fiscal year (July 1) for their approval.

Suggested Board Action:

Approve the FY20 budget.

Staff Recommendations and Comments:

Receive for information.

Fiscal Year 2020 Budget
Income Statement
State Laboratory of Hygiene
Twelve Months ending June 30, 2020

	Fiscal Year 2020 Final Budget Accrual	Fiscal Year 2020 Preliminary Budget Accrual
Support and Revenue		
Wisconsin State and Local Agencies	\$16,405,040	\$15,523,430
Nonagency	15,218,469	14,963,667
Sponsored Projects	6,674,290	6,561,979
Earning-Investment Income	260,000	260,000
State General Program Revenue	11,728,000	11,470,000
Total Support and Revenue	50,285,799	48,779,077
Expenses		
Salaries	21,186,496	20,324,368
Fringe Benefits	7,816,470	7,766,811
Supplies and Services	15,473,230	14,959,906
Transfer-Ovrhead Allow-133&144	907,583	882,018
Building Rent	3,156,803	3,139,946
Depreciaition	2,075,176	2,090,413
Capital	0	0
Bad Debt Expense	32,000	32,000
Interest Expense	39,000	39,000
Total Expenses	50,686,759	49,234,462
Net Operating Income/(Loss)	(\$400,960)	(\$455,385)

Wisconsin State Laboratory of Hygiene
Board of Directors Meeting
June 18, 2019

BUSINESS ITEMS

Item 8. STRATEGIC PLAN UPDATES

Description of the Item:

Kevin Karbowski, WSLH Chief Financial Officer, will present the Strategic Plan update.

Suggested Board Action:

Receive for information.

Staff Recommendations and Comments:

Receive for information.

Wisconsin State Laboratory of Hygiene
Board of Directors Meeting
June 18, 2019

BUSINESS ITEMS

Item 9. HUMAN RESOURCES REPORT

Description of the Item:

Cynda DeMontigny, WSLH Human Resources Director, will provide the HR update from the period of March 20 to June 7, 2019 to the Board.

Suggested Board Action:

Receive for information.

Staff Recommendations and Comments:

Receive for information.

**Wisconsin State Laboratory of Hygiene
Board of Directors Meeting
June 18, 2019**

Retirements
March 20, 2019 to June 7, 2019

	AS	US	
DPD	0	0	
EHD	0	0	
LID	0	0	
CDD	0	0	
Admin	0	0	
OHD	0	0	Total
	0	0	0

New Employees
March 20, 2019 to June 7, 2019

	AS	US	SH	FT	TE	
DPD	1	0	0	0	0	
EHD	5	0	7	1	0	
LID	0	0	0	0	0	
CDD	1	0	0	0	0	
Admin	0	1	0	0	0	
OHD	0	0	2	0	0	Total
	7	1	9	1	0	18

Internal Hires

	AS	US	SH	FT	LTE	
DPD	0					
EHD	1					
LID	0					
CDD	0					
ADMIN	0					
OHD	0					Total
	0					1

Recruitments

March 20, 2019 to June 7, 2019

DPD	8
EHD	9
LID	
CDD	2
Admin	
OHD	3

Resignations

March 20, 2019 to June 7, 2019

	AS	US	
DPD	1	1	
EHD	2	1	
LID			
CDD	1		
Admin		1	
OHD			Total
	4	3	7

DPD Disease Prevention Division
EHD Environmental Health Division
LID Laboratory Improvement Division
CDD Communicable Disease Division
OHD Occupational Health Division
Admin

AS Acad Staff
 US Univ Staff
 SH Student Hourly
 FT Faculty
 LTE Limited Term

Wisconsin State Laboratory of Hygiene
Board of Directors Meeting
June 18, 2019

BUSINESS ITEMS

Item 10. CONTRACTS REPORT

Description of the Item:

Christine Gunter, Financial Program Supervisor, WSLH, will provide the Contracts Report. The table on the following pages contains the awarded major grants and contracts that are current as of June 10, 2019. WSLH staff will be available to provide more details on these grants and contracts.

Suggested Board Action:

Receive for information.

Staff Recommendations and Comments:

There are no contracts requiring board approval.

Title	Agency	Amount	Start	End	Division	Description
CaliciNet Outbreak Support Center	APHL	\$10,000.00	7/1/2019	6/30/2020	CDD	Submission of Norovirus sequences to CDC . ELR (Electronic Laboratory Reporting) onboarding and development of multi-state ELR connection for MN and IL.
ELC Project C-Cross Cutting Health Information Systems	WDHS	\$79,896.00	8/1/2018	7/31/2019	CDD	Provide 3.0 FTE staff positions based in the HIV/AIDS program at DHS. To support coordination of the statewide HIV testing program to implement new HIV testing technologies, CLIA standards and updated policy and procedure, provide quantitative research analysis of HIV testing data provided by clinics and agencies performing DHS funded HIV testing.
CY2019 HIV/AIDS Testing	WDHS	\$275,891.00	1/1/2019	12/31/2019	CDD	Tests results for CDC neuraminidase inhibition assay panel of reference viruses.
National Influenza Surveillance Centers	APHL	\$417,425.00	7/1/2019	6/30/2020	CDD	Out of Hospital outreach coordinator
Out of Hospital Newborn Screening	WDHS	\$51,929.00	7/1/2018	6/30/2019	DPD	Continued submission of VPD testing results to CDC via HL7- measles, measles vaccine strain, mumps, rubella, varicella-zoster virus, bacterial diseases, n meningitidis, h influenzae, b pertussis
Vaccine Preventable Diseases 2019-2020	APHL	\$450,000.00	7/1/2019	6/30/2020	CDD	Service Agreement - professional services to assist with genetic analysis.
WiCell Service Agreement - Cytogenetics	WiCell	\$201,411.00	5/1/2019	4/30/2020	DPD	
Title V WHFP	WDHS	\$254,956.00	1/1/2019	12/31/2019	DPD	Title V funding for WHFP services.
		\$1,741,508.00				

Contracts Summary

Recap - WSLH Division		
	CDD	\$1,233,212.00
	DPD	\$508,296.00
		\$1,741,508.00

Recap - Contractor		
	WDHS	\$662,672.00
	APHL	\$877,425.00
	WICELL	\$201,411.00
		\$1,741,508.00

Wisconsin State Laboratory of Hygiene
Board of Directors Meeting
June 18, 2019

BUSINESS ITEMS

Item 11. DIRECTOR'S REPORT

a) Dr. James Schauer, Director, WSLH

1) Public or Environmental Health Incidents of Educational Interest

2) Water Systems Boil Notice Report

**Wisconsin State Laboratory of Hygiene
Board of Directors Meeting
June 19, 2019**

Report to the Wisconsin State Laboratory of Hygiene Board

**Representative Public or Environmental Health Incidents of Educational Interest
March 8 – June 6, 2019**

Approx. Date	Agent or Event Name	Description	Current Status
March 2019	Society of Toxicology, Baltimore, MD	Environmental Toxicology Department Assistant Scientist Dagmara Antkiewicz gave a presentation about toxicity of particulate matter from the San Joaquin Valley, California.	Complete
March 4, 2019	National Biomonitoring Network (NBN)	<p>The WSLH has been accepted into the National Biomonitoring Network (NBN) as a Tier 2 laboratory. The NBN, facilitated by the Association of Public Health Laboratories (APHL), is a collaboration of federal, regional, state and local laboratories that conduct biomonitoring for use in public health practice and in response to environmental emergencies.</p> <p>The goals of the NBN are to advance the science of biomonitoring, encourage its use in addressing environmental health questions and ensure quality practices, which will help produce comparable biomonitoring data. The Network is currently divided into 3 tiers. Tier 2 laboratories such as the WSLH –</p> <ul style="list-style-type: none"> • Are engaged in biomonitoring activities related to targeted and emergency response • Have demonstrated successful participation in an established quality assessment program • Have a well-established biomonitoring team integrated within the state public health system 	Ongoing
March 8, 2019	Illinois Circuit Court Judges, Springfield, IL	Forensic Toxicology Section Director Amy Miles gave a presentation to Illinois Circuit Court Judges regarding THC and driving impairment in light of their upcoming legalization bills.	Complete

		NOTE: The Illinois Legislature approved legalizing marijuana on Aug. 31 st and Governor Pritzker said he will sign the bill.	
March 12, 2019	Partners in Giving Award	<p>Thanks to WSLH Staff who contributed to the 2018 Partners in Giving campaign, the WSLH received an award for First Place in Increase in Percent Participation and Third Place for Percent Increase in Contributions for units or agencies with 101-400 Employees.</p> <p>Together, State, UW-Madison and UW Health employees raised more than \$2.4 million for over 500 organizations that benefit from this campaign.</p>	Complete
March 22, 2019	Presentation at regional SCACM clinical microbiology meeting	WSLH Communicable Disease Division Assistant Director Allen Bateman gave a talk on Clinical and Public Health Microbiology of CRE (<i>Carbapenem resistant Enterobacteriaceae</i>) at the regional South Central Association for Clinical Microbiology (SCACM) meeting in Sandusky, OH.	Complete
March 25, 2019	Nanjing University Delegation	<p>As part of the Wisconsin China Initiative, Newborn Screening Co-Director Mei Baker hosted a delegation from Nanjing University in the newborn screening laboratory to discuss new technologies in newborn screening, as well as NBS processes.</p> <p>The purpose of the overall visit is to learn about opportunities for collaboration between UW-Madison, WARF and Nanjing University. Focus is on IP-related discoveries and the university role in the commercialization of scientific discoveries; however the delegation will also be introduced to a sampling of the long-standing partnerships between UW-Madison and Nanjing University, across disciplines.</p>	Complete
March 27, 2019	Midwest Consortium in-person meeting	WSLH Communicable Disease Division Director Pete Shult, Assistant Director Allen Bateman, and WSLH Continuity of Operations (COOP) Manager Terri Williams participated in an in-person meeting of the Midwest Consortium of public health labs in Chicago. The focus of the day was on tabletop exercises of COOP	Complete

		operations.	
April 2019	Thomas E. Maxson Education, Training and Workforce Development Award	Erin Bowles, Wisconsin Clinical Laboratory Network Coordinator and WSLH Biosafety Officer, was named as the 2019 recipient of the Thomas E. Maxson Education, Training and Workforce Development Award at the Public Health Laboratory Training Conference in Atlanta. Erin was recognized for making significant contributions to the advancement of workforce development and training in public health laboratory practice, outreach to laboratory partners in Wisconsin and for demonstrating a history of service to APHL and the public health laboratory training community at large.	Complete
April 4, 2019	APHL Podcast about Fake Dope and Rat Poison	<p>In 2018 more than 300 people in multiple states experienced life-threatening uncontrolled bleeding and 8 people died. The cause – synthetic cannabinoids laced with brodifacoum, a very potent rat poison.</p> <p>The WSLH’s response to this outbreak and the development of a quantitative test by WSLH Chemical Emergency Response Unit Chemists Bill Krick and Erin Meinholz is the focus of a “Lab Culture” podcast from the Association of Public Health Laboratories (APHL).</p> <p>Bill, CER Unit Director Noel Stanton and Public Affairs Manager Jan Klawitter chatted about the outbreak and the WSLH’s response</p> <p>Listen here -- http://www.aphlblog.org/lab-culture-extra-wisconsin-state-lab-developed-test-brodifacoum-matters/</p>	Complete
April 5, 2019	Certified Safety Professional (CSP) Certification	<p>WisCon Consultant Robert Vercellino passed the Certified Safety Professional (CSP) exam from the Board of Certified Safety Professionals (BCSP).</p> <p>Robert works for Wisconsin’s 21(d) On-Site Consultation Program (“WisCon”) as an Industrial Hygiene (IH) consultant.</p> <p>Because it is sometimes difficult to describe the significance of this achievement to people employed outside of the safety and health field, the BCSP describes it this way on their website</p>	Complete

		at: http://bcsp.org/CSP - “Just as a Certified Public Accountant (CPA) in accounting denotes a measurable standard of competency, the CSP... (is)...recognized as having met the professional challenge of illustrating competency through education and/or training, experience, and examination.”	
April 5, 2019	Wisconsin Driver and Traffic Safety Education Assoc. annual meeting, WI Dells	Forensic Toxicology Section Director Amy Miles was the Keynote presenter at the WDTSEA conference and reported on current drug trends in impaired driving.	Complete
April 12, 2019	UW-Madison Undergraduate Research Symposium	<p>Coleton King, who graduated from UW-Madison in May with his bachelor’s degree with a double major in Biochemistry and Psychology, worked at the WSLH as a student lab tech in the WSLH Trace Elements Clean Lab and completed a Global Health internship Spring semester 2019 in the WSLH Communicable Disease Division (CDD) validating a Hepatitis C sequencing assay to help combat rising rates of the disease.</p> <p>He presented a poster about his project on Global Hepatitis Outbreak and Surveillance Technology (GHOST) at the Undergraduate Research Symposium on campus.</p> <p>After graduation WSLH CDD hired Coleton as a Microbiologist Associate.</p>	Complete
April 16, 2019	Wisconsin Clinical Laboratory Network (WCLN) Webinar	WSLH Communicable Disease Division (CDD) presented a WCLN webinar “ <i>A Global Perspective on HPV Infection and Cervical Cancer</i> ” to WCLN members from clinical labs throughout the state. CDD Assistant Director Allen Bateman presented a global perspective of the role of HPV screening in the face of HIV infection based on his applied research studies in Zambia. Al shared with listeners how the laboratory-based study to determine HPV genotypes in cervical cancer specimens led to a renewed effort to implement an HPV vaccine in Zambia.	Complete
April 16, 2019	UW-Madison Global Health Symposium	WSLH Director Jamie Schauer was part of a keynote panel discussion on “Planetary Health: Recognizing Earth’s Limits to Advance Health for All” at the UW-Madison Global Health Symposium.	Complete

		<p>WSLH Water Microbiologist Olivia Feider presented a poster along with Tori Vouk, B.S. candidate at UW-Eau Claire. Their poster detailed a research project they undertook at UW-Eau Claire investigating the source of nitrate contamination in private wells in Eau Claire County. The research focused on determining whether agricultural or human sources were responsible for the high nitrate levels. It was found that the main sources of nitrate contamination were linked to agricultural herbicides however caffeine was found to be the third top source of nitrate. The final report of this research project was submitted to the DNR in fall 2018.</p>	
April 18, 2019	UW Center for Pre-Health Advising's Health Care Career Fair	<p>Dr. Kaitlin Sundling, Changhong Ye, Nancy Wade and Donna Egelski with the UW/WSLH Cytotechnology Certificate Program spoke to many interested undergrads about the possibilities of a Cytotechnology career at the UW Center for Pre-Health Advising's Health Care Career Fair.</p> <p>The Center for Pre-Health Advising (CPHA) is a resource for UW-Madison students and alumni who are exploring, preparing, and applying to health professional programs.</p>	Complete
April 19 and June 3, 2019	Drug Recognition Expert (DRE) School, Milwaukee and Green Bay	Forensic Toxicology Section Chemist Kimberle Glowacki presented at the WI DRE School in Milwaukee and the Re-certification course in Green Bay.	Complete
April 23, 2019	WI State Overdose Review Summit, Madison, WI	Forensic Toxicology Section Chemist Lori Edwards attended the OD Summit to discuss issues related to fatal opioid overdoses and data collection.	Complete
April 23 and 25, 2019	DNR Meetings and Tours - Wardens and Environmental Enforcement	The WSLH hosted the DNR Wardens and the DNR Environmental Enforcement Teams in April. Both groups took tours of the Ag Drive facilities and also heard from WSLH EHD staff on assorted topics, as well holding their team meetings. Both visits were great opportunities for DNR staff to learn more about the lab and for WSLH staff to learn more about how the data we produce is used by DNR.	Complete

April 24, 2019	APHL TB Lifetime Achievement Award	WSLH Communicable Disease Division Co-Director Dave Warshauer was given a TB Lifetime Achievement Award from the Association of Public Health Laboratories at its annual TB conference. Dave's accomplishments in laboratory and testing leadership as well as his active involvement with APHL and CDC on committees related to TB were lauded. Dave's significant contributions and his work on these committees and subcommittees have resulted in a number of APHL and CDC publications related to TB laboratory best practices, laboratory self-assessment, and diagnostic guidelines.	Complete
April 24, 2019	Presentations at ASCLS-WI meeting	WSLH Communicable Disease Division Director Pete Shult and Assistant Director Allen Bateman, each presented at the annual ASCLS-WI meeting in Appleton, WI. Pete presented on Emerging Diseases, and Al presented on Clinical and Public Health Microbiology of CRE.	Complete
April 25 and 26, 2019	Sun Prairie High School talks	Aaron Zane (Forensic Toxicology) and Josh Faulkes (Cytology) both gave talks to medical occupations classes at Sun Prairie High School. In addition to a brief overview about the WSLH, both Aaron and Josh spoke more in-depth about their respective scientific fields and their education/career paths.	Complete
April 30, 2019	Wisconsin Clinical Laboratory Network (WCLN) Conference	More than 80 clinical laboratory professionals from across WI gathered at the Wintergreen Resort and Conference Center in Wisconsin Dells to learn and participate in discussions about " <i>Syndromic Multiplex Panels and Automation Today and Tomorrow</i> ". Several members of the CDD Laboratory Technical Advisory Group (LabTAG) took the lead providing presentations on available syndromic multiplex diagnostic testing panels used to detect pathogens in gastrointestinal, respiratory, blood, CSF and genital samples. Lively discussion concerning the issues encountered in using this technology ensued after each presentation. A discussion of the use of automation in the microbiology laboratory to help with the current workforce shortage of laboratory professionals concluded the day. Evaluations for the conference were excellent and	Complete

		highlighted the relevance and usefulness of the material that was covered during the conference.	
May 2019	Holmquist Cytotechnologist Achievement Award	<p>UW Cytotechnology Certificate Program Education Coordinator Changhong Ye was awarded the Holmquist Cytotechnologist Achievement Award from the American Society for Cytotechnology (ASCT) at their annual conference.</p> <p>John Shalkham, who retired from the WSLH last year, received the award in 2012.</p>	Complete
May 2, 2019	National Governor's Association talk, Columbus, OH	<p>Forensic Toxicology Section Director Amy Miles spoke about "The Role of Toxicology and Technology to Tackle Impairment" on a panel at the National Governor's Association Impaired Driving Convening: A National Summit with State and National Experts. The workshop convened governors' criminal justice policy advisors, governors' transportation policy advisors, state public safety offices, state transportation departments, and state public health departments to explore topics such as closing the research gap in impaired driving, roadside testing, autonomous vehicles, trends in polysubstance use, and impaired driving policymaking.</p> <p>Amy had spoken with NGA staff in the past about impaired driving issues and they invited her to speak on the panel both due to her expertise in the subject matter but also because the WSLH is part of a university.</p>	Complete
May 8, 2019	WSLH Employee Appreciation Event	The WSLH held its 3 rd annual Employee Appreciation Event celebrating staff. There was cake at Henry Mall and Ag Drive and WSLH Director Jamie Schauer handed out gift bags of small items of appreciation to employees.	Complete
May 8, 2019	Columbia County Opioid Fatality Review	Forensic Toxicology Section Chemist Lori Edwards represented the WSLH at the county's Opioid Fatality Review.	Complete
May 13-17, 2019	NADP Spring Meeting	The National Atmospheric Deposition Program (NADP) Program Office and Central Analytical Laboratory at the WSLH hosted the NADP Spring Technical and Scientific Meeting at the	Complete

		Concourse in Madison. The week-long series of meetings included a poster session with UW-Madison faculty and staff, as well as strategic planning meetings about NADP's future.	
May 20, 2019	<i>JAMA Neurology</i> – Special Communication about Newborn Screening	<p>WSLH Newborn Screening Co-Director and UW Pediatrics Professor Mei Baker co-authored a Special Communication published on May 20th in <i>JAMA Neurology</i> about “Maximizing the Benefit of Life-Saving Treatments for Pompe Disease, Spinal Muscular Atrophy, and Duchenne Muscular Dystrophy Through Newborn Screening: Essential Steps”.</p> <p>Read it here: https://jamanetwork.com/journals/jamaneurology/article-abstract/2733675</p>	Complete
May 20 – 24, 2019	Influenza Testing training for visitors from Sierra Leone	Allan Campbell from the Sierra Leone public health laboratory and Dauda Sowa from the CDC-Sierra Leone office spent a week with the WSLH Communicable Disease Division learning about influenza testing techniques. Their visit was part of a CDC-sponsored international training program. The WSLH has hosted international visitors from other countries in previous years as part of the same program.	Complete
May 20-24, 2019	UW-Madison Global Health certificate course	<p>WSLH Newborn Screening Co-Director and UW Pediatrics Assistant Professor Patrice Held, along with several WSLH staff, taught a week-long UW-Madison Global Health Certificate class focused on the public health laboratory. The class met daily and learned about the WSLH overall, newborn screening, emerging infectious diseases, foodborne outbreaks, water quality issues, environmental exposures, and forensic toxicology.</p> <p>Course evaluations were excellent.</p>	Complete
May 21, 2019	WI Virology Conference	<p>The WSLH Communicable Disease Division hosted the 29th annual Wisconsin Virology Conference at the Fluno Center in Madison. Topics included:</p> <ul style="list-style-type: none"> • Avian Influenza and Ebola, Emerging Viral Disease Threats • Using Whole Genome Sequencing for Strain Surveillance 	Complete

		<ul style="list-style-type: none"> • One Health • Multiplex PCR Panels in the Clinical Lab • Updates on School-based Absenteeism Surveillance • Suitability of Self-collected Respiratory Samples 	
May 21, 2019	WSLH/DHS Regional Training, Green Bay	Forensic Toxicology Section Chemist Diane Kalscheur presented at the WSLH/DHS training for WI Coroners and Medical Examiners. This is the first of three regional trainings around the state.	Complete
May 22, 2019	Wisconsin Public Radio, Madison, WI	Forensic Toxicology Section Director Amy Miles was interviewed during “The Morning Show” on WPR discussing the WSLH and the role of the Forensic Toxicology section in Public Health.	Complete
May 22, 2019	Wisconsin Clinical Laboratory Network (WCLN) Webinar	In an effort to appeal to laboratory professionals working as laboratory generalists who rotate through all sections of the clinical laboratory, CDD presented a WCLN webinar “ <i>Have you seen a “Death Crystal?”</i> ” to WCLN members. Guest speaker Dr. Valerie Everard-Gigot, adjunct assistant professor at Marquette University in the Department of Clinical Laboratory Science, reviewed the morphology and developmental mechanisms of common neutrophilic inclusions such as “Blue-green” and “Howell-Jolly” body-like inclusions. The webinar was very well attended.	Complete
May 22-23, 2019	WPHA-WALHDAB Annual Conference	The WSLH and the WI Division of Public Health had a joint exhibitor table at the annual WI Public Health Association-WI Association of Local Health Departments and Boards annual conference in WI Dells. The table focused on the newborn screening program and was staffed by Tami Horzewski and Kelsey Stevenson (WSLH/DHS) and Jan Klawitter (WSLH). Lori Edwards from WSLH Forensic Toxicology also helped staff a DHS exhibit table focused on opioid surveillance/research.	Complete
May 24, 2019	Back to Basics: WI Prosecutor Training, Wausau, WI	Forensic Toxicology Section Director Amy Miles presented with a Toxicologist from the WI Crime Lab on the similarities and differences between the two labs.	Complete

May 30, 2019	International Society for Neonatal Screening (ISNS)	<p>WSLH Newborn Screening Co-Director and UW Pediatrics Professor Mei Baker has been elected to the ISNS Council for 2019-22 for the North America Region.</p> <p>ISNS aims to advance screening for neonatal and infant sicknesses and disorders worldwide. ISNS has around 470 members in more than 70 different countries. Most members have a professional (para)medical background but a few are involved in parents or patients advocacy groups.</p>	Complete
May 30, 2019	Responsibility.org expert panel, Washington DC	Forensic Toxicology Section Director Amy Miles was invited to be part of an expert panel on impaired driving to identify barriers in DUID casework for Responsibility.org/Foundation for Advancing Alcohol Research (FAAR).	Complete

Wisconsin State Laboratory of Hygiene
Board of Directors Meeting
June 18, 2019

**Report to the
Wisconsin State Laboratory of Hygiene Board
Water Systems Tests by the WSLH
March 10 – June 10, 2019**

COUNTY_NAME	PWS_TYPE	NUMBER_OF_SYSTEMS	NUMBER_OF_UNSAFE
Adams	OC	2	1
Ashland	MC	3	1
Barron	TN	24	2
Calumet	OC	2	1
Calumet	TN	14	1
Clark	MC	4	1
Clark	TN	15	1
Crawford	TN	16	1
Dane	MC	32	2
Dane	OC	15	1
Dane	TN	88	3
Dodge	TN	55	1
Door	MC	3	1
Door	NN	3	1
Door	OC	3	1
Door	TN	296	14
Grant	OC	6	1
Grant	TN	25	1
Green	MC	7	1
Green	TN	18	1
Iowa	TN	42	3
Jefferson	TN	59	1
Juneau	TN	12	2
Kenosha	OC	16	2
Kewaunee	NN	5	1
Kewaunee	TN	19	1
Lafayette	NN	1	1
Lincoln	TN	7	2
Manitowoc	NN	8	1
Manitowoc	OC	3	1
Marathon	MC	2	1
Marinette	TN	87	4
Marquette	TN	67	1
Monroe	TN	49	1
Oconto	OC	3	1
Oconto	TN	67	3

Ozaukee	TN	8	1
Pierce	TN	23	5
Polk	MC	2	1
Polk	TN	30	1
Racine	TN	79	2
Richland	MC	6	1
Rock	TN	78	1
Shawano	MC	9	1
Sheboygan	TN	16	1
St. Croix	TN	69	4
Vilas	OC	7	1
Vilas	TN	62	1
Waukesha	NN	18	2
Waukesha	OC	6	1
Waushara	TN	74	2

****There were no boil notices for this period***