

**Wisconsin State Laboratory of Hygiene
Board of Directors Meeting
September 17, 2019
Madison, Wisconsin**

DATE: September 11, 2019

TO: Dean Robert N. Golden, MD, UW-SMPH – Dr. Richard Moss, Designated Representative
Andrea Palm, Secretary, DHS – Charles Warzecha, Deputy Designated Representative
Jeanne Ayers, Administrator, DPH – Charles Warzecha, Deputy Designated Representative
Daniel Meyer, Secretary, DNR – Greg Pils, Designated Representative
Sheila Harsdorf, Secretary, DATCP –Gilbert (Gil) Kelley, Designated Representative
Dr. Robert Corliss, Chair
Charles Warzecha, Vice-Chair
Barry Irmien, 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
UW School of Medicine and Public Health
Health Sciences Learning Center
750 Highland Ave
Madison, WI 53705

September 17, 2019
1:00 p.m. — 3:30 p.m.

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

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

MEETING NOTICE

Tuesday, September 17, 2019

1:00p.m. – 3:30p.m.

MEETING LOCATION

UW School of Medicine and Public Health
Health Sciences Learning Center
750 Highland Ave
Rm. 3330
Madison, WI 53705

Notice is hereby given that the Wisconsin State Laboratory of Hygiene Board of Directors will convene at 1:00 p.m. on Tuesday, September 17, 2019 at the UW School of Medicine and Public Health 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
September 11, 2019

**Wisconsin State Laboratory of Hygiene
Board of Directors Meeting
September 17, 2019
1:00 P.M. – 3:30 P.M.**

UW School of Medicine and Public Health
Health Sciences Learning Center
750 Highland Ave
Rm. 3330
Madison, WI 53705

AGENDA

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Tour of Facility (2:30 p.m.)

Wisconsin State Laboratory of Hygiene
Board of Directors Meeting
September 17, 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
September 17, 2019

PROCEDURAL ITEMS

Item 2. APPROVAL OF MINUTES

Description of Item:

The draft minutes of the June 18th, 2019 board meeting are submitted for approval.

Suggested Board Action:

Motion: Approve the draft minutes of the June 18th, 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
September 17, 2019**

**APPROVED MINUTES
June 18, 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, Greg Pils, Gil Kelley

WSLH STAFF PRESENT: Dr. Peter Shult, Dr. Kaitlin Sundling, Dr. Kelsey Florek, Dr. Dan Kurtycz, Allen Benson, Christine Gunter, Jim Sterk, Kevin Karbowski, Cynda DeMontigny, Jan Klawitter, Kristine Hansbery, David Webb, Steve Strebel, Noel Stanton, and Nathaniel Javid

DNR STAFF PRESENT: Zana Sijan, Steve Geis, Greg Pils

GUESTS PRESENT: None

Chair Dr. Robert Corliss called the meeting to order at 1:05 P.M.

Item 1. ROLL CALL

Chair Dr. Robert Corliss initiated the roll call of the Board. All Board Member seats or their designated representatives were present except Barry Irmen.

Item 2. APPROVAL OF MINUTES

Approve the minutes of the March 19, 2019 Board Meeting as submitted. **Dr. Richard Moss** made a motion to approve the minutes. **Charles Warzecha** 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

Steve Geis introduced Greg Pils as the new Program Director for Environmental Analysis and Sustainability at the WI Department of Natural Resources. He has been appointed to the WSLH Board, with Steve Geis remaining as the alternate. Mr. Pils mentioned that he is looking forward to working with everyone on the Board.

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 April 30, 2019. Mr. Karbowski noted that our year-to-date actual net operating income is \$1,510,968 with a budgeted loss of \$567,204. All of our expenses are off by .2% and on budget. Our revenue budget is 5% over budget. Mr. Karbowski noted a 20% favorable variance in DHS revenue, which is mostly due to timing. We have an unfavorable variance with DNR and expect that to continue for the remainder of the year. We have a \$150,000 positive variance with UW system. Our activities with SMPH continue to be higher than anticipated and this explains that variance. There is also a large variance in clinical revenue and a favorable variance with NADP for \$174,000. This was a break-even project that is reflected due to timing. Our operating profit is largely due to the budgeting methods we employ. We are increasing our budgeting for unanticipated items. Our available working capital has increased by \$311,361 at \$9,669,680 as of June 30, 2019.

Item 7. FY20 BUDGET APPROVAL

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

We are budgeting an operating loss of \$400,960. On a cash basis we are at \$48,747. Our goal is to invest in the mission of the lab, but not to accumulate cash. We will be showing an accrual loss because many of the items we are investing in are not capitalized, though they have a useful life over many years. Mr. Karbowski reviewed the budget proposal for the preliminary to the final budget. Our total support and revenue budgeted is \$50,285,799 compared to our preliminary budget of \$48,779,077. Our total expenses budgeted is \$50,686,759. This gives us a net operating loss of \$400,960. Dr. James Schauer noted that the budget has been prepared for the Board's approval. **Chair Dr. Robert Corliss** made a motion to approve the budget, approved by **Charles Warzecha** and seconded by **Jeffery Kindrai**.

Item 8. STRATEGIC PLAN UPDATES

Dr. James Schauer noted that the Board approved the WSLH strategic plan last year, and the WSLH is currently working on executing the plan. Mr. Karbowski noted that the plan is in a three-year cycle and we plan to give an update on the eleven strategic areas at today's meeting. Dr. Kelsey Florek gave an update on Bioinformatics. Dr. Florek noted that bioinformatics is a highly interdisciplinary field that uses computational methods of understanding biological data. The strategic plan is focused on developing IT infrastructure to meet the demands of data

storage and analyses, developing a skilled workforce capable of developing and implementing bioinformatics strategies, and establishing leadership to act as a liaison between WSLH departments and external agencies. Dr. Florek noted some IT infrastructure and resources that have been developed such as Amazon Web Services, BioNumerics Applied Maths, and the Center for High Throughput Computing. As far as developing a skilled workforce, we have some new fellows starting at the WSLH: Abigail Shockey in our Communicable Disease Division, and Charles Roberts joining our Newborn Screening Department. For connecting bioinformatics across departments, there are several areas being developed for sequencing technologies within Communicable Diseases. Newborn screening, cytogenetics, and water microbiology are performing their own style of sequencing. We hope to work on projects that are cross-collaborative as we continue to build capacity.

Allen Benson, WSLH IT Director, provided an update on Enterprise Resources Planning (ERP) System Implementation. This system is a foundation to create a customer portal for on-line ordering and order inquiries by our customers. This also gives us "call center" functionality. We also have administered an OnBase ECM (Enterprise Content Management) System. This has a three to four month implementation and will help with document storage and routing. Mr. Benson also noted that we are working on project portfolio management tool and a new service desk. We are upgrading EPIC Beaker, Horizon and Pysche Systems WindowPath. Mr. Benson also mentioned the movement of a data center.

Noel Stanton, WSLH Environmental Health Division, provided an update on Sensors & Point-of-Care Testing and Clinical Biomonitoring. Mr. Stanton noted that Clinical Biomonitoring is for human testing for toxic and environmental chemicals. We test for a wide variety of substances and feel that this area has been underutilized, so we have focused on it as a strategic plan item. In the past, much of our work has been episodic and involved in various environmental studies. In the past year, we have become a member of APHL's national biomonitoring network. We're hoping this will inform of us ways we can cooperate with other laboratories and share methodologies. We've also applied for a biomonitoring grant with the CDC. For sensors and point-of-care testing, we are looking at medical testing that takes place in the doctor's office or clinic. The problem is that the instruments at point-of-care are not always held to the same standards as those of the laboratory. To remedy this, we have worked to provide reference materials and proficiency testing to make sure the instruments used will be compatible. Mr. Stanton also noted that this applies to instruments for environmental testing. We have to ensure that the instruments are working properly, calibrated correctly, and enough training for the user has been supplied. Mr. Stanton presented some of the tools they have available to the Board. With preparedness funding, they were able to invest about \$150,000 in new equipment. The WSLH has often worked with responders, assisting with equipment and general response. The other aspect Mr. Stanton mentioned is monitoring by citizen scientists, which raises concerns about the reliability of data.

Jan Klawitter, WSLH Public Relations Officer, provided the update on Outreach. A needs assessment was conducted internally. From the assessment, it was determined that an online training in outreach was needed. We developed a compilation of resources that are available on campus. We also developed an online training in CDD for the antibiotic resistance lab network, an online training in PT, and we are in the process of creating a video for the cytotechnology certificate program. For the future, we plan to conduct a survey with the local health departments to determine their needs. We will also focus on the resources we need in the next year.

Dr. Daniel Kurtycz, WSLH DPD Medical Director, gave an update on Cytogenetics. We have been working to identify grants to support new research programs in newborn screening as well as cytogenetics, and have acquired a newborn screening grant. We are also working on

identifying grants related to unexplained deaths with a genetic basis. We have also worked on genetic testing with urine biomarkers and have strengthened our partnership with WiCell.

Dr. Kaitlin Sundling, WSLH DPD Faculty Director for the Cytotechnology Program, presented the update on Cytotechnology. Cytotechnologists specialize in diagnosing rare cancer cells. Our Cytotechnology program is the only program in Wisconsin (none exist in Illinois or Michigan). We are waiting to align ourselves with the forthcoming standards of our accrediting body with regards to whether or not we want to transition from a certificate to Master's program at the WSLH. Our next steps are continuing to build our outreach mission and improve our financial sustainability. To that end, we are developing a summer program for international students. This will be a course that will allow students to relate their undergraduate experience to clinical applications.

Dr. James Schauer gave the update on scientific investment and advancement of the public health mission. For scientific investment, we will continue to invest in analytical equipment. We are starting an innovation program in FY20, giving staff an opportunity to bring forth new ideas. We have also developed a process for setting goals and reviewing performance of the academic activities of WSLH Faculty and Scientists. We also are working on building stronger connections with UW-Madison academic departments through faculty appointments and collaborations. As far as advancing the public health mission, we are increasing targeted teaching for public health programs and degrees at UW-Madison. Dr. Schauer mentioned the work of Dr. Patrice Held and Dr. Kaitlin Sundling for these efforts. We are also co-sponsoring a program for joint seminars with academic departments at UW-Madison. We also are working to increase the visibility of the WSLH at public health conferences and at the county level. Lastly, we are using faculty appointments and research collaboration with the SMPH departments to increase engagement.

David Webb, WSLH Environmental Health Division Director, provided the update on space. Mr. Webb has been working with colleagues at SMPH to determine where we can relieve some building space stress at our facilities. As was mentioned earlier, we are planning to move our data center. We are investigating the possibility of doing some renovations at Henry Mall to have lab space occupied there. This would not be a fifty-year fix, but for the next twenty years this is do-able. We are about to embark on an architecture and engineering study for Henry Mall to see what we can do with the space. The progress is slow but steady in terms of navigating the systems and the funding, but we are moving along and anxious to get the study started. Henry Mall is a good space because it is ours and it is significantly underused. Dr. Schauer underscored the importance of adding more space to fulfill the opportunities we need to sustain operations and grow.

Item 9. HUMAN RESOURCES REPORT

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

Cynda DeMontigny, WSLH HR Director, provided the Human Resources update to the Board. For the period of March 20 to June 7, 2019 we had twenty two recruitments including eight in DPD, nine in EHD, none in LID, two in CDD, none in Administration, and three in the OHD. As far as staff turnaround for the same time period, we had no retirements, three resignations in EHD, two in DPD, one in CDD and Admin, and none in LID or OHD. For hires, we have one in DPD and Admin, two in CDD and OHD, fourteen in EHD, and none in LID.

Item 10. CONTRACTS REPORT

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

For June 2019, we have received \$1,741, 508 in contracts broken down by division as follows: \$1, 233, 212 in CDD and \$508, 296 in DPD. Broken down by contractor, these figures are \$662, 672 from WHDS, \$877, 425 from APHL, and \$201, 411 from WiCell.

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 a Partners in Giving Award the WSLH received for an increase in percent participation and percent increase in contributions. 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 the NBS process. Environmental Toxicology Department Assistant Scientist Dagmara Antkiewicz gave a presentation about toxicity of particulate matter from the San Joaquin Valley, California. WSLH Director James 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. 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 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. 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. 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. Dr. Warshauer's accomplishments in laboratory and testing leadership as well as his active involvement with APHL and CDC on committees related to TB were lauded. Ms. Klawitter had the Board refer to the packet for more public relations updates and details.

Dr. Schauer noted that there were no water boil notices for the period of March 10 through June 10 of 2019.

Dr. Schauer reminded 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.

Chair Dr. Robert Corliss made a motion to adjourn the meeting at 3:00 P.M. **James Morrison** accepted the motion and **Dr. Richard Moss** seconded the motion. The motion passed unanimously and the meeting was adjourned.

Respectfully submitted by:

A handwritten signature in black ink, appearing to read "James J. Schauer". The signature is written in a cursive style with a large initial "J" and "S".

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
September 17, 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
September 17, 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
September 17, 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
September 17, 2019

BUSINESS ITEMS

Item 6. SEVERE PULMONARY DISEASE ASSOCIATED WITH VAPING

Description of the Item:

WI Department of Health Services representative will present on severe pulmonary disease associated with vaping.

Suggested Board Action:

Review and provide input.

Staff Recommendations and Comments:

Receive for information.

Wisconsin State Laboratory of Hygiene
Board of Directors Meeting
September 17, 2019

BUSINESS ITEMS

Item 7. FINANCIAL REPORT

Description of the Item:

Kevin Karbowski, WSLH Chief Financial Officer, will provide the June 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

June 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
September 17, 2019**

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

	Fiscal Year 2019 Actual	Fiscal Year 2019 Budget	Variance Over/(Under)	Variance % of Budget
SUPPORT AND REVENUE				
Laboratory Services Revenues (Note 2)				
Department of Health Services	\$ 8,219,943	\$ 7,824,593	\$ 395,350	5.1%
Newborn Screening	5,365,487	5,199,034	166,453	3.2%
Driver Improvement Surcharge (OWI)	1,619,200	1,619,200	0	0.0%
Department of Natural Resources	697,934	732,318	(34,384)	-4.7%
University of Wisconsin Systems	906,266	685,240	221,026	32.3%
Other Wisconsin State and Local Agencies	335,493	62,609	272,884	435.9%
Wisconsin State and Local Agencies	17,144,323	16,122,994	1,021,329	6.33%
Clinical	5,737,841	5,145,626	592,215	11.5%
Proficiency Testing	3,042,659	3,175,246	(132,587)	-4.2%
Occupational Health	1,833,208	1,894,000	(60,792)	-3.2%
Association of Public Health Laboratories	1,078,487	1,512,000	(433,513)	-28.7%
National Atmospheric Deposition Program	1,930,170	1,849,104	81,066	4.4%
Federal Agencies	212,597	178,277	34,320	19.3%
Environmental Testing	1,328,025	1,529,514	(201,489)	-13.2%
Other Nonagency	210,620	287,072	(76,452)	-26.6%
Nonagency	15,373,607	15,570,839	(197,232)	-1.3%
Sponsored Projects	7,026,722	6,303,637	723,085	11.5%
Earnings - Investment Income	272,440	260,000	12,440	4.8%
Program Revenue	39,817,092	38,257,470	1,559,622	4.1%
State General Program Revenue (GPR)	11,252,902	11,300,000	(47,098)	-0.4%
TOTAL SUPPORT AND REVENUE	51,069,994	49,557,470	1,512,524	3.1%
EXPENSES				
Salaries	20,016,392	19,942,263	74,129	0.4%
Fringe Benefits	7,446,361	7,690,556	(244,195)	-3.2%
Supplies & Services	16,597,545	15,645,390	952,155	6.1%
Transfer Overhead to UW	914,623	891,514	23,109	2.6%
Building Rent	3,085,347	3,059,139	26,208	0.9%
Depreciation	2,011,887	1,932,088	79,799	4.1%
Bad Debt Expense	16,479	6,000	10,479	174.7%
Interest Expense	41,220	39,000	2,220	5.7%
Loss From Disposal Of Assets	18,396	-	18,396	
TOTAL EXPENSES	50,148,250	49,205,950	942,300	1.9%
NET OPERATING INCOME (LOSS)	\$ 921,744	\$ 351,520	\$ 570,224	162.2%

WISCONSIN STATE LABORATORY OF HYGIENE
COMPARATIVE INCOME STATEMENT
For the 12 months ended June 30, 2019 and June 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	\$ 8,219,943	\$ 7,763,965	\$ 455,978	5.9%
Newborn Screening	5,365,487	5,401,087	(35,600)	-0.7%
Driver Improvement Surcharge (OWI)	1,619,200	1,619,200	0	0.0%
Department of Natural Resources	697,934	741,924	(43,990)	-5.9%
University of Wisconsin Systems	906,266	767,396	138,870	18.1%
Other Wisconsin State and Local Agencies	335,493	71,390	264,103	369.9%
Wisconsin State and Local Agencies	17,144,323	16,364,962	779,361	4.76%
Clinical	5,737,841	5,105,718	632,123	12.4%
Proficiency Testing	3,042,659	3,154,937	(112,278)	-3.6%
Occupational Health	1,833,208	1,958,502	(125,294)	-6.4%
Association of Public Health Laboratories	1,078,487	1,414,344	(335,857)	-23.7%
National Atmospheric Deposition Program	1,930,170	324,031	1,606,139	495.7%
Federal Agencies	212,597	198,376	14,221	7.2%
Environmental Testing	1,328,025	1,536,223	(208,198)	-13.6%
Other Nonagency	210,620	68,446	142,174	207.7%
Nonagency	15,373,607	13,760,577	1,613,030	11.7%
Sponsored Projects	7,026,722	5,828,003	1,198,719	20.6%
Earnings - Investment Income	272,440	146,399	126,041	86.1%
Program Revenue	39,817,092	36,099,941	3,717,151	10.3%
State General Program Revenue (GPR)	11,252,902	11,110,054	142,848	1.3%
TOTAL SUPPORT AND REVENUE	51,069,994	47,209,995	3,859,999	8.2%
EXPENSES				
Salaries	20,016,392	18,367,555	1,648,837	9.0%
Fringe Benefits	7,446,361	6,981,748	464,613	6.7%
Supplies & Services	16,597,545	15,999,085	598,460	3.7%
Transfer Overhead to UW	914,623	829,775	84,848	10.2%
Building Rent	3,085,347	3,007,762	77,585	2.6%
Depreciation	2,011,887	1,905,001	106,886	5.6%
Bad Debt Expense	16,479	(40,264)	56,743	-140.9%
Interest Expense	41,220	28,545	12,675	44.4%
Loss From Disposal Of Assets	18,396	18,050	346	1.9%
TOTAL EXPENSES	50,148,250	47,097,257	3,050,993	6.5%
NET OPERATING INCOME (LOSS)	\$ 921,744	\$ 112,738	\$ 809,006	717.6%

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

ASSETS

	<u>June 30, 2019</u>	<u>June 30, 2018</u>
CURRENT ASSETS		
Cash	\$ 11,822,355	\$ 11,093,549
Cash-restricted-newborn screening surcharge	1,564,612	1,921,138
Net accounts receivables (Note 3)	4,065,961	4,273,102
Other receivables	856,627	642,898
Inventories	53,968	44,106
Prepaid expenses	81,942	296,215
Total current assets	<u>18,445,465</u>	<u>18,271,008</u>
EQUIPMENT AND BUILDING IMPROVEMENTS		
Equipment	28,765,164	27,202,326
Building improvements	6,878,228	6,822,509
	<u>35,643,392</u>	<u>34,024,835</u>
Less accumulated depreciation	<u>(24,494,960)</u>	<u>(23,914,813)</u>
Total net fixed assets	<u>11,148,432</u>	<u>10,110,022</u>
Total Assets	<u>\$ 29,593,897</u>	<u>\$ 28,381,030</u>

LIABILITIES AND EQUITY

CURRENT LIABILITIES

Salaries and fringe benefits payable	\$ -	\$ 20,906
Accounts payable	974,502	609,668
Accrued expenses	201,801	153,164
Deferred revenue	0	17,740
Compensated absences (Note 4)	659,591	617,515
Proficiency testing deferred revenue	1,184,966	1,053,933
Newborn screening deferred revenue	2,423,699	2,306,299
Newborn screening surcharge payable	1,564,612	1,921,138
Total current liabilities	<u>7,009,171</u>	<u>6,700,363</u>

LONG TERM DEBT

Compensated Absences (Note 4)	<u>1,674,824</u>	<u>1,779,089</u>
Total long term debt	<u>1,674,824</u>	<u>1,779,089</u>
Total Liabilities	<u>8,683,995</u>	<u>8,479,452</u>

EQUITY

Retained earnings-restricted (Note 5)		
Operating contingency	2,060,980	1,900,965
Total restricted retained earnings	<u>2,060,980</u>	<u>1,900,965</u>
Net Operating Income (Loss)	921,744	112,738
Retained earnings-unrestricted	12,292,662	12,459,159
Contributed capital	5,634,516	5,428,716
Total unrestricted retained earnings	<u>18,848,922</u>	<u>18,000,613</u>
Total Equity	<u>20,909,902</u>	<u>19,901,578</u>
Total Liabilities and Equity	<u>\$ 29,593,897</u>	<u>\$ 28,381,030</u>

WISCONSIN STATE LABORATORY OF HYGIENE
STATEMENT OF CASH FLOWS
For Fiscal Year 2019 and Fiscal Year 2018

	<u>Fiscal Year 2019</u>	<u>Fiscal Year 2018</u>
CASH FLOWS FROM OPERATING ACTIVITIES		
Net income	\$ 921,744	\$ 112,738
Adjustments to reconcile net income to net cash provided by operating activities:		
Depreciation	2,011,887	1,905,001
Changes in working capital components:		
Decrease/(Increase) in net accounts receivables	207,141	(35,128)
Decrease/(Increase) in other receivables	(213,729)	306,006
Decrease/(Increase) in inventories	(9,862)	31,501
Decrease/(Increase) in prepaid expenses	214,273	(153,417)
(Decrease)/Increase in salaries payable	(20,906)	(39,671)
(Decrease)/Increase in accounts payable	364,834	(251,026)
(Decrease)Increase in accrued expenses	48,637	59,704
(Decrease)Increase in deferred revenue	(17,740)	17,740
(Decrease)Increase in proficiency testing deferred revenue	131,033	23,407
(Decrease)/Increase in newborn screen deferred revenue	117,400	(166,011)
(Decrease)/Increase in newborn screening surcharge payable	(356,526)	(478,579)
	<hr/>	<hr/>
Net cash provided (used) in operating activities	3,398,186	1,332,265
 CASH FLOWS FROM INVESTING ACTIVITIES		
Purchase of equipment and physical plant improvements	<hr/> <u>(3,025,906)</u>	<hr/> <u>(2,200,837)</u>
Net cash provided (used) in investing activities	<hr/> <u>(3,025,906)</u>	<hr/> <u>(2,200,837)</u>
 CASH FLOWS FROM FINANCING ACTIVITIES		
Principal payment on Capital Lease	<hr/> <u>-</u>	<hr/> <u>-</u>
Net cash provided (used) in financing activities	<hr/> <u>-</u>	<hr/> <u>-</u>
Net increase (decrease) in cash	372,280	(868,572)
 Cash:		
Beginning	<hr/> <u>13,014,687</u>	<hr/> <u>13,883,259</u>
Ending	<hr/> <u>\$ 13,386,967</u>	<hr/> <u>\$ 13,014,687</u>

WISCONSIN STATE LABORATORY OF HYGIENE
NOTES TO THE FINANCIAL STATEMENTS
For the period July 1, 2018 through June 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 June 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 June 30, 2019 and June 30, 2018 are as follows:

	<u>June 30, 2019</u>	<u>June 30, 2018</u>
Accounts Receivable Total	\$4,170,961	\$4,398,102
Allowance for bad debt	<u>(105,000)</u>	<u>(125,000)</u>
Net Receivables	\$4,065,961	\$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 June 30, 2019 working capital (current assets less current liabilities) was \$11,436,294 thereby meeting the target contingency reserve requirement of \$2,060,980.

Wisconsin State Laboratory of Hygiene
Board of Directors Meeting
September 17, 2019

BUSINESS ITEMS

Item 8. HUMAN RESOURCES REPORT

Description of the Item:

Cynda DeMontigny, WSLH Human Resources Director, will provide the HR update from the period of June 8 to August 30, 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
September 17, 2019**

Retirements

June 8, 2019 to August 30, 2019

	AS	US	
DPD		1	
EHD		1	
LID			
CDD			
Admin			
OHD			Total
		2	2

New Employees

June 8, 2019 to August 30, 2019

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

Internal Hires

	AS	US	SH	FT	LTE	
DPD	4					
EHD						
LID						
CDD	1					
ADMIN						
OHD	3					Total
	8					8

Recruitments

June 8, 2019 to August 30, 2019

DPD	7
EHD	8
LID	1
CDD	3
Admin	2
OHD	2

Resignations

June 8, 2019 to August 30, 2019

	AS	US	
DPD	1		
EHD	1		
LID			
CDD	1		
Admin			
OHD			Total
	3	0	3

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
September 17, 2019**

BUSINESS ITEMS

Item 9. 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 September 4, 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
Colposcopy 2020	WDHS	\$66,800.00	7/1/2019	6/30/2020	DPD	Annual Colposcopy Award - to assist DHS Maternal and Child Health Unit in accomplishing 200 Wisconsin Act 20, Page 525, Section 2870m at 146.68
Title X Funding WSLH & SWCAP	WDHS	\$175,692.00	4/1/2019	3/31/2020	DPD	Title X initial funding for activities under CARS 159328 \$22,192 and 152014 \$153,500
ELC - Enterics additional EOY funding	WDHS	\$32,000.00	8/1/2018	7/31/2019	CDD	Enterics program funding
Sandia National Laboratories	Sandia	\$750,000.00	11/1/2018	11/1/2023	WOHL	Multi year contract for occupational health testing services for Sandia National Laboratories
Wood Environmental	EPA	\$467,483.50	7/13/2019	7/12/2020	NADP	Support of the NADP program
Large Volume Sampling	WDNR	\$80,000.00	7/1/2019	6/30/2020	EHD	Continue large volume sampling - 2 yr project July 2018-June 2020
NADP - Multiple partners	various	\$1,350,366.50	9/1/2019	8/31/2020	NADP	Continued support from State, University, Federal, Tribal and private partners.
		\$2,922,342.00				

Contracts Summary

Recap - WSLH Division		
	CDD	\$32,000.00
	DPD	\$242,492.00
	EHD	\$80,000.00
	NADP	\$1,817,850.00
	WOHL	\$750,000.00
		\$2,922,342.00

Recap - Contractor		
	WDHS	\$274,492.00
	WDNR	\$80,000.00
	Federal	\$1,217,483.50
	Various	\$1,350,366.50
		\$2,922,342.00

Wisconsin State Laboratory of Hygiene
Board of Directors Meeting
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BUSINESS ITEMS

Item 10. DIRECTOR'S REPORT

a) Dr. James Schauer, Director, WSLH

- 1) Public or Environmental Health Incidents of Educational Interest**
- 2) Water Systems Boil Notice Report**
- 3) Succession Planning**

**Wisconsin State Laboratory of Hygiene
Board of Directors Meeting
September 17, 2019**

Report to the Wisconsin State Laboratory of Hygiene Board

**Representative Public or Environmental Health Incidents of Educational Interest
June 6 – September 3, 2019**

Approx. Date	Agent or Event Name	Description	Current Status
OUTBREAKS and INCIDENTS			
8/15/19-present	Vaping-associated lung damage	<p>WSLH is working closely with WIDHS, CDC, and FDA to investigate possible causes. Non-targeted screening is being performed on lavage specimens from patients, and WSLH has facilitated transport of over 30 samples of vaping materials to the FDA forensic chemistry laboratory for characterization. WI was the first state to report cases, but the outbreak has extended to at least 22 states and >200 patients. There has been one fatality to date.</p> <p>On August 29th WIDHS said "... 89% of the 27 cases interviewed so far reported using e-cigarettes or other vaping devices to inhale THC products, such as waxes and oils. THC is the active ingredient in marijuana. While most cases have reported vaping THC products, DHS is continuing to investigate all possible causes. The connection to THC products is based on interviews with cases, and the agency is working with FDA to determine the contents of used vaping products."</p>	Ongoing
RECENT EVENTS and FINDINGS			
Ongoing	DNC Convention planning	Several WSLH staff members are embedded in public health-related committees and workgroups associated with planning for the Democratic National Convention scheduled for July 2020 in Milwaukee.	Efforts are just ramping up, more details will be forthcoming
March 4-15, 2019	New course started in the UW School	A new course developed by CDD Assistant Director Alana Sterkel had its first class. MMI	Complete

	of Medicine and Public Health	911: Microbiology Diagnostics in Public Health is a 2-week immersion course for an SMPH Student Selective. It will be offered once a semester and will train students in each area of CDD and at the WI Division of Public Health.	
April 23, 2019	Verona 2019 TB Summit	CDD representatives hosted a booth at the annual Verona TB Summit. CDD Assistant Director Alana Sterkel presented on BCG vaccination and therapy.	Complete
June 3-6	APHL Annual Meeting	Several WSLH personnel attended and presented at the APHL Annual Meeting, including Noel Stanton (LRN-C testing), Allen Bateman (<i>Candida auris</i> colonization PCR testing), and Kelsey Florek (whole-genome sequencing of <i>Acinetobacter baumannii</i> to assist in an outbreak in Southeastern Wisconsin).	Complete
June 13, 2019	Transportation Research Board webinar “Limitations of Drug Fatality Data”	Forensic Toxicology Director Amy Miles presented in a Transportation Research Board (TRB) webinar on the limitations of fatality crash data reporting, specifically regarding drug-involved driving. The Transportation Research Board (TRB) provides innovative, research-based solutions to improve transportation. TRB is a program unit of the National Academy of Sciences, Engineering and Medicine.	Complete
July 1, 2019	Safety Management Specialist (SMS) certification	WisCon Consultant Doug Maska passed the Safety Management Specialist (SMS) certification exam. Doug has been a consultant with WisCon since 2017 conducting safety consultation visits and serving as the primary WisCon contact for one of our newest partnerships in Hudson, WI. The Safety Management Specialist is an ANSI-accredited certification offered by the Board of Certified Safety Professionals. To qualify for the SMS certification, applicants must have at least 10 years of occupational safety and health experience and pass a rigorous examination. In addition to the Safety Management Specialist certification, Doug has held the Occupational	Complete

		Hygiene and Safety Technician (OHST) certification since 2017.	
July 2, 2019	Meeting with legislators regarding SB-188, Capitol, Madison, WI	Forensic Toxicology Director Amy Miles met with law enforcement and legislators regarding the language in the proposed bill. Miles provided information on THC testing in forensic labs versus workplace drug testing.	Complete
July 8, 2019	U.S. Science Envoy	The U.S. State Department has extended for one year WSLH Director Dr. Jamie Schauer's appointment as a U.S. Science Envoy for Air Quality.	Ongoing
July 10-12, 2019	Annual DAID Conference, Anaheim, CA	Forensic Toxicology Director Amy Miles and Chemist Kimberle Glowacki presented in separate workshops. The topics included oral fluid roadside drug testing and current drug trends.	Complete
July 15, 2019	Oral Fluid Summit, Madison, WI	Forensic Toxicology Director Amy Miles and Forensic Toxicologist Ted Savage hosted law enforcement, highway safety offices and attorneys from Ohio, Illinois, WI DOJ and NHTSA for a one day summit on what each state is currently doing with roadside oral fluid drug testing.	Complete
July, 17 and August 21, 2019	WSLH/DHS Regional Training, Rice Lake and Tomah	Forensic Toxicologist Diane Kalscheur organized and presented at 2 of 3 total regional trainings around the state for WI Medical Examiners and Coroners.	Complete
July 18-19, 2019	NIJ Opioids Surveillance Forum, Washington DC	Forensic Toxicology Director Amy Miles attended a 2 day forum to discuss gaps in surveillance regarding the opioids epidemic. Others in attendance included USDOJ, ONCDP, DEA, US Customs and Border Patrol, forensic pathologists and mental health providers.	Complete
July 21-26	American Society for Microbiology (ASM) Microbe annual meeting	Several WSLH CDD personnel attended and presented at the ASM Microbe annual meeting, including Laura Louison (MALDI-TOF for Mycobacteria testing), Kelsey Florek (whole-genome sequencing of <i>Acinetobacter baumannii</i>), Youngmi Kim (Cyclospora testing at WSLH), Danielle Lower (carbapenem-resistant <i>Enterobacteriaceae</i> testing), Samantha Scott	Complete

		(Cryptosporidium genotyping), and Erin Bowles (Biosafety).	
July 23, 2019	UW Cytotechnology Certificate Program recruitment video	UW Cytotechnology Certificate Program Coordinator Dr. Kaitlin Sundling and WSLH Cytology Supervisor Josh Faulkes worked with Jim Hermanson in WSLH Office of Information Systems to create a recruitment video for the program. https://www.youtube.com/watch?v=msFvJa_fcA&feature=youtu.be	Complete
July 24-25	Antibiotic Resistance Laboratory Network Midwest Annual Meeting	WSLH CDD is the Midwest Regional Laboratory for the Antibiotic Resistance Laboratory Network and hosts an annual meeting for the 6 states in the region, CDC program and policy personnel, and APHL personnel. This year CDD hosted another regional meeting with presentations from each of the 6 states, CDC, and a clinical laboratory director from ACL. In addition, CDD Assistant Director Allen Bateman presented on CDD's experience implementing <i>Candida auris</i> colonization testing at WSLH.	Complete
July 25, 2019	ARLN-WGS Meeting	CDD Bioinformatician Kelsey Florek organized and hosted a Midwest regional meeting on advanced microbial diagnostics and whole genome sequencing development in public health laboratories as a Bioinformatics Regional resource. Attendees from the regional states, CDC, and Utah learned about the resources available in public health bioinformatics at the WSLH.	Complete
July 25-26, 2019	Grandparents University at the WSLH	For the second year in a row, kids and their grandparents were able to “major” in genetics and newborn screening at the WSLH as part of UW-Madison’s Grandparents University. GPU started at UW-Madison in 2001 and runs for two consecutive days for three consecutive weeks every July. Grandparents and grandkids choose from more than 20+ “majors”, earning a GPU “degree” at the end of their stay on campus.	Complete
July 26	Mandela Washington Fellow visit to	CDD hosted Lusubilo Malakbundu, a Mandela Washington Fellow at UW-Madison. Lusubilo coordinates HIV and TB testing in laboratories in	Complete

	CDD	Tanzania and was very impressed with the testing being conducted in CDD.	
August 5-16, 2019	Visiting Faculty from Jimma University, Ethiopia	<p>WSLH hosted Abebe Beyene Hailu, an associate professor at Jimma University in Jimma, Ethiopia. The primary goal of his time at the WSLH was to receive training in particulate matter (PM) collection and Dithiothreitol (DTT) analysis of PM samples. He spent time working with many of our staff including an overview of air pollution research/low cost sensors from Jamie Schauer, Mike Olson and Ross Edwards (UW); an in-depth review of NADP and QA from Martin Shafer, Camille Danielson and Katie Blaydes; lab tour and transportation by Robel Kebede, and multiple days learning DTT analysis from Jocelyn Hemming. The DTT (dithiothreitol) assay is used to estimate the oxidative potential of particulate matter. The ability of particulate matter to generate reactive oxygen species is linked to the detrimental health effects associated with inhalation of particulate matter. Dr. Hailu may use this testing to assess air quality in Ethiopia.</p> <p>Dr. Hailu also spent time at the UW Water Science and Engineering Laboratory.</p>	Complete
August 5-16, 2019	UWSMPH course in CDD	The second course of MMI 911: Microbiology Diagnostics in Public Health was taught by CDD Assistant Director Alana Sterkel and team leads in CDD. Students learned about testing options, interpretations, and applications to their future practice.	Complete
August 6, 2019	Public Health in Practice Conference	WSLH Cytology Manager Josh Faulkes staffed a booth at the Public Health in Practice conference in Stevens Point. The conference was attended by 100+ local health department staff.	Complete
August 6-8, 2019	AACC conference, Anaheim, CA	<p>WSLH Proficiency Testing had an exhibit booth at the 71st AACC Annual Scientific Meeting & Clinical Lab Expo in Anaheim.</p> <p>WSLH PT director Kris Hansbery, WSLH PT Manager Sandy Schleis and WSLH Public Affairs Manager Jan Klawitter staffed the booth over the 3 days. Kris and Sandy also had multiple meetings with current and potential vendors.</p>	Complete

August 7, 2019	CDC ELC grant site visit	<p>Dr. Rima Khabbaz, the director of CDC's National Center for Emerging Zoonotic and Infectious Diseases, along with four CDC staffers visited the WSLH Communicable Disease Division and the WI Division of Public Health for our every 5-year Epidemiology and Laboratory Capacity (ELC) grant site visit.</p> <p>In addition to WSLH and WI Division of Public Health staff, the WSLH also hosted staffers from the offices of Sen. Baldwin, Sen. Johnson, Rep. Pocan and Rep. Moore.</p> <p>We toured the legislative staffers through our Communicable Disease Division and they were very interested in what we do for Wisconsin and beyond. Since such a significant portion of communicable disease funding in Wisconsin comes from CDC, the visit was a great opportunity to highlight the capacity and capabilities those federal dollars are buying and our strong partnership with CDC.</p> <p>Susan Paskewitz (UW CALS Entomology) and Lyric Bartholomay (UW Vet Med Pathobiological Sciences) also were part of the visit as they co-direct the Midwest Center of Excellence for Vector-Borne Diseases, which is also CDC funded.</p> <p>In the afternoon, the site visit shifted downtown to the WI Division of Public Health.</p>	Complete
August 20, 2019	Presentation at Northwestern TB Summit	The Northwestern TB Summit was held in Phillips, WI. CDD Assistant Director Alana Sterkel presented on BCG vaccination and therapy to Clinical TB professionals.	Complete
August 20, 2019	Impaired Driving Working Group, WI Dells	Forensic Toxicology Director Amy Miles attended the quarterly meeting of the IWG and presented on oral fluid and roadside drug testing	Complete
August 21-22, 2019	Governor's Conference for Highway Safety, WI Dells	<p>Forensic Toxicology Director Amy Miles presented on a panel with DREs and DOJ regarding drug impaired driving casework on Aug. 21st.</p> <p>On Aug 22nd, she presented on roadside oral fluid drug testing.</p>	Complete

August 23, 2019	DRE School, Franklin, WI	Forensic Toxicologist Kimberle Glowacki presented to the newly trained DRE officers providing information about the WSLH.	Complete
August 27-28, 2019	National Opioids Fatality Review Conference, Washington DC	Forensic Toxicologist Lori Edwards attended the Opioids Fatality Review Conference. Other partners in attendance included WI Division of Public Health, along with public health departments from other states, and forensic pathologists.	Complete

Wisconsin State Laboratory of Hygiene
Board of Directors Meeting
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**Report to the
Wisconsin State Laboratory of Hygiene Board
Water Systems Tests by the WSLH
June 10 – September 1, 2019**

COUNTY_NAME	PWS_TYPE	NUMBER_OF_SYSTEMS	NUMBER_OF_UNSAFE	NUMBER_OF_BWO
Door	TN	290	20	4
Jefferson	TN	38	6	2
Pierce	TN	57	5	1