Wisconsin State Laboratory of Hygiene
Board of Directors Meeting
November 5th, 2013
Madison, Wisconsin

DATE: October 29, 2013

TO: Chancellor Rebecca Blank, UW-Madison – Darrell Bazzell, Designated Representative
Kitty Rhodes, Secretary, DHS – Karen McKeown, Designated Representative
Cathy Stepp, Secretary, DNR – John R. Sullivan, Designated Representative
Ben Brancel, Secretary DATCP – Susan Buroker, Designated Representative
Jeffery Kindrai, Chair
Barry Irmen, Vice-Chair
Darryll Farmer, Member
Dr. Robert Corliss, Member

Ron Arneson, DNR Alternate
Sandra Breitborde, DHS Alternate
Scott Hildebrand, UW-Madison Alternate
Steven Sobek, DATCP Alternate

FROM: Dr. Charles Brokopp, 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
November 5th, 2013
1:00p.m. — 4:00p.m.

C: Terry Burk
Cynda DeMontigny
Kristine Hansbery
Linda Johnson
Jan Klawitter
Dr. Daniel Kurtycz
Steve Marshall
Marie Ruetten
Dr. Peter Shult
James Sterk
Steve Strebel
Julie Tans-Kersten
David Webb

WISCONSIN STATE LABORATORY OF HYGIENE BOARD OF DIRECTORS

MEETING NOTICE

Tuesday, November 5, 2013

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, November 5, 2013 at the 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,

Charles Brokopp, DrPH

Charles D. Brokopp, DrPH
Secretary, Wisconsin State Laboratory of Hygiene Board of Directors
Director, Wisconsin State Laboratory of Hygiene
October 29, 2013

Wisconsin State Laboratory of Hygiene
Board of Directors Meeting
November 5th, 2013
1:00 P.M. – 4:00 P.M.

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

AGENDA

Wisconsin State Laboratory of Hygiene
Board of Directors Meeting
November 5th, 2013

PROCEDURAL ITEMS

Item 1. APPROVAL OF MINUTES

Description of Item:
The draft minutes of the August 20th, 2013 board meeting are submitted for approval.

Suggested Board Action:
Motion: Approve the draft minutes of the August 20th, 2013 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/board/meetings/index.php.

PROCEDURAL ITEMS

Item 2. 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 as requested by the Board

PROCEDURAL ITEMS

Item 3. 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: charles.brokopp@slh.wisc.edu

BUSINESS ITEMS

Item 4. 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.

BUSINESS ITEMS

Item 5. SCIENTIFIC PRESENTATIONS

A) Julie Tans-Kersten, WSLH, Tuberculosis

B) Kristine Hansbery, WSLH, Proficiency Testing

Suggested Board Action:
Receive for information.

Staff Recommendations and Comments:
Receive for information.

BUSINESS ITEMS

Item 6. FISCAL YEAR 2014 FIRST QUARTER REPORT

Description of the Item:
Jim Sterk will present the fiscal year 2014 first quarter report

Suggested Board Action:
Receive for information.

Staff Recommendations and Comments:
Receive for information.

Wisconsin State Laboratory of Hygiene
Board of Directors Meeting
November 5th, 2013

WISCONSIN STATE LABORATORY OF HYGIENE
STATEMENT OF INCOME
For the period July 1, 2013 through September 30, 2013

	FY 14 APPROVED ANNUAL BUDGET	FY14 YEAR- TO-DATE BUDGET	FY14 YEAR-TO-DATE ACTUAL	VARIANCE Over/(Under)	VARIANCE % of BUDGET
SUPPORT AND REVENUE					
Laboratory Services Revenues (Note 3)					
Agency	$ 6,527,860	$ 1,424,197	$ 1,916,795	$ 492,598	34.6%
Nonagency	20,160,470	5,131,529	5,365,535	234,006	4.6%
GPR Funding	10,682,523	2,691,854	2,522,156	(169,698)	-6.3%
OWI Fund Revenues	1,619,200	417,074	356,991	(60,083)	-14.4%
Grant Funding	5,931,539	1,266,939	1,165,243	(101,696)	-8.0%
Interest Income	6,000	1,500	1,256	(244)	-16.3%
TOTAL SUPPORT AND REVENUE	44,927,592	10,933,093	11,327,976	394,883	3.6%
EXPENSES					
Salaries	18,631,424	4,495,534	4,285,308	(210,226)	-4.7%
Fringe Benefits	7,602,158	2,148,852	1,895,254	(253,598)	-11.8%
Supplies & Services	12,471,250	3,029,976	3,185,717	155,741	5.1%
Transfer Overhead to UW	811,416	192,406	200,989	8,583	4.5%
Building Rent	2,460,577	502,291	525,300	23,009	4.6%
Depreciation	1,802,434	450,609	451,168	559	0.1%
Bad Debt Expense	60,000	14,994	36,544	21,550	143.7%
Interest Expense	7,200	3,300	2,081	(1,219)	-36.9%
TOTAL EXPENSES	43,846,459	10,837,962	10,582,361	(255,601)	-2.4%
NET OPERATING INCOME OR (LOSS)	$ 1,081,133	$ 95,131	$ 745,615	$ 650,484	

Wisconsin State Laboratory of Hygiene
Board of Directors Meeting
November 5th, 2013

WISCONSIN STATE LABORATORY OF HYGIENE
COMPARATIVE INCOME STATEMENT
For the 3 months ended September 30, 2013 and September 30, 2012

	3 Months Actual FY14	3 Months Actual FY13	Variance Over/(Under)	Percentage Change
SUPPORT AND REVENUE				
Laboratory Services Revenues (Note 3)				
Agency	$ 1,916,795	$ 1,567,920	$ 348,875	22.3%
Nonagency	5,365,535	5,419,278	(53,743)	-1.0%
GPR Funding	2,522,156	2,148,269	373,887	17.4%
OWI Fund Revenues	356,991	327,094	29,897	9.1%
Grant Funding	1,165,243	1,176,021	(10,778)	-0.9%
Interest Income	1,256	4,523	(3,267)	-72.2%
TOTAL SUPPORT AND REVENUE	11,327,976	10,643,105	684,871	6.4%
EXPENSES				
Salaries	4,285,308	3,585,367	699,941	19.5%
Fringe Benefits	1,895,254	1,644,601	250,653	15.2%
Supplies & Services	3,185,717	2,754,211	431,506	15.7%
Transfer Overhead to UW	200,989	195,910	5,079	2.6%
Building Rent	525,300	490,834	34,466	7.0%
Depreciation	451,168	440,267	10,901	2.5%
Bad Debt Expense	36,544	10,500	26,044	248.0%
Interest Expense	2,081	3,281	(1,200)	-36.6%
TOTAL EXPENSES	10,582,361	9,124,971	1,457,390	16.0%
NET OPERATING INCOME OR (LOSS)	$ 745,615	$ 1,518,134	$ (772,519)	

WISCONSIN STATE LABORATORY OF HYGIENE
COMPARATIVE BALANCE SHEET
As of September 30, 2013 and June 30, 2013

ASSETS

	September 30, 2013	June 30, 2013
CURRENT ASSETS		
Cash	$ 9,336,568	$ 8,597,506
Cash-restricted-newborn screening surcharge	2,060,824	1,435,900
Net accounts receivables (Note 2)	5,669,775	5,832,065
Other receivables	537,634	1,556,015
Inventories	86,080	66,772
Prepaid expenses	349,655	163,878
Total current assets	18,040,536	17,652,136
EQUIPMENT AND BUILDING IMPROVEMENTS		
Equipment	24,918,211	26,089,246
Building improvements	7,200,578	5,616,318
	32,118,789	31,705,564
Less accumulated depreciation	(22,918,834)	(22,484,591)
Total net fixed assets	9,199,955	9,220,973
Total Assets	$ 27,240,491	$ 26,873,109
LIABILITIES AND EQUITY		
CURRENT LIABILITIES		
Salaries payable	$ 108,767	$ 477,820
Accounts payable	851,950	516,229
Newborn screening surcharge payable	2,060,824	1,435,900
Accrued expenses	5,871	122,745
Current obligations under capital leases	58,677	57,526
Notes Payable - current	104,364	108,136
Proficiency testing deferred revenue	690,247	1,588,607
Newborn screening deferred revenue	2,170,762	2,104,139
Compensated Absences (Note 5)	813,915	682,778
Total current liabilities	6,865,377	7,093,880
LONG TERM DEBT		
Obligations under capital leases	-	29,629
Compensated Absences (Note 5)	1,411,567	1,261,718
Total long term debt	1,411,567	1,291,347
Total Liabilities	8,276,944	8,385,227
EQUITY		
Retained earnings-restricted (Note 4)		
Operating contingency	2,136,900	2,078,669
Total restricted retained earnings	2,136,900	2,078,669
Net Operating Income or (Loss)	745,615	1,812,286
Retained earnings-unrestricted	10,665,619	9,192,549
Contributed capital	5,415,413	5,404,378
Total unrestricted retained earnings	16,826,647	16,409,213
Total Equity	18,963,547	18,487,882
Total Liabilities and Equity	$ 27,240,491	$ 26,873,109
Contingency Funding	11,175,159	10,558,256

WISCONSIN STATE LABORATORY OF HYGIENE
STATEMENT OF CASH FLOWS
For the Period July 1, 2013 through September 30, 2013

CASH FLOWS FROM OPERATING ACTIVITIES		
Net income	$	745,615
Adjustments to reconcile net income to net cash provided by operating activities:		
Depreciation		451,168
Changes in working capital components:		
Decrease in net accounts receivables		162,290
Decrease in other receivables		1,018,381
(Increase) in inventories		(19,308)
(Increase) in prepaid expenses		(185,777)
(Decrease) in salaries payable		(369,053)
Increase in accounts payable		335,721
Increase in newborn screening surcharge payable		624,924
(Decrease) in accrued expenses		(116,874)
Increase in current obligations under capital leases		1,151
(Decrease) in notes payable - current		(3,772)
(Decrease) in proficiency testing deferred revenue		(898,360)
Increase in newborn screen deferred revenue		66,623
Net cash provided (used) in operating activities		1,812,729
CASH FLOWS FROM INVESTING ACTIVITIES		
Purchase of equipment and physical plant improvements		(419,114)
Net cash (used in) investing activities		(419,114)
CASH FLOWS FROM FINANCING ACTIVITIES		
Principal payment on Capital Lease		(29,629)
Net cash provided (used in) financing activities		(29,629)
Net increase (decrease) in cash		1,363,986
Cash:		
Beginning		10,033,406
Ending		$ 11,397,392

WISCONSIN STATE LABORATORY OF HYGIENE
NOTES TO THE FINANCIAL STATEMENTS
For the period July 1, 2013 through September 30, 2013

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 2013-2014 operating budget amounts were approved by the WSLH Board on June 18, 2013.

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 September 30, 2013 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- ACCOUNTS RECEIVABLE

- Accounts receivable and allowance for uncollectible account balances as of September 30, 2013 and June 30, 2013 are as follows:

	September 30, 2013	June 30, 2013
Accounts Receivable Total	$6,150,697	$6,357,695
Allowance for bad debt	(480,922)	(525,630)
Net Receivables	$5,669,775	$5,832,065

NOTE 3- 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:
- DNR contracts
- DHS contracts
- DATCP
- University of Wisconsin
- Office of Justice Assistance
- Wisconsin Emergency Management

Non-Agency:
- UW Hospital Authority
- Medicare and Medicaid
- Municipalities
- Law Enforcement Agencies
- Proficiency Testing
- Newborn Screening
- All other revenues from individuals, businesses, clinics, and hospitals.

NOTE 4- RETAINED EARNINGS - RESTRICTED

- The operating contingency is recomputed 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 net working capital is greater than the contingency fund restriction. As of September 30, 2013 working capital (current assets less current liabilities) was $11,175,159 thereby meeting the target contingency reserve requirement of $2,136,900.

NOTE 5- 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:

	Total	Vacation	Pers Hol	Legal Hol	Comp Time	Sabbatical
Current	$813,915	$497,213	$115,866	$3,657	$2,069	$195,110
Long Term	1,411,567	0	0	0	0	1,411,567
	$2,225,482	$497,213	$115,866	$3,657	$2,069	$1,606,677

Wisconsin State Laboratory of Hygiene
Board of Directors Meeting
November 5th, 2013

BUSINESS ITEMS

Item 7. PROCEDURE FOR USE OF RESERVE FUNDS

Description of the Item:
Dr. Charles Brokopp, Director, WSLH, will present an update on the procedure for use of reserve funds.

Suggested Board Action:
Receive for information.

Staff Recommendations and Comments:
Receive for information.

BUSINESS ITEMS

Item 8. VCFA ANNUAL PLAN DRAFT

Description of the Item:
Dr. Brokopp, Director, WSLH, will present to the Board a draft of the VCFA Annual Plan.

Suggested Board Action:
Receive for information and provide input.

Staff Recommendations and Comments:
Receive for information.

BUSINESS ITEMS

Item 9. CONTRACTS REPORT

Description of the Item:
The table on the following page contains the major grants and contracts that have been received since the last Board meeting. Dr. Brokopp or other 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.

November 2013 Contracts

GRANTOR	CONTRACT NAME	START DATE	END DATE	SCOPE OF WORK	AWARD AMOUNT
APHIS	12 710 0326 CA	03/01/12	02/28/13	2012 RABIES ANALYSIS (APHIS)	$ 7,248.00
APHL	56400 200 039 14 04	07/29/13	06/30/14	2014 CLIA TRAINING	$ 15,000.00
APHL	56400 200 1450 14 04	07/01/13	09/30/13	WORK STUDY RE-TEST OF CRYPTOSPORIDIUM RCA POSITIVE SAMPLES	$ 3,000.00
APHL	56400 200 460 14 01	07/01/13	06/30/14	2014 CALICINET OUTBREAK SUPPORT	$ 15,000.00
APHL	56400 200 603 14 04	07/01/13	06/30/14	VACCINE PREVETABLE DISEASES REF LAB	$ 235,000.00
APHL	56400 200 621 14 05	07/01/13	10/31/13	ViiA7 PHASE II	$ 37,000.00
APHL	56400 200 621 14 10	10/01/13	06/30/14	2014 VIRUS ISOLATION SERVICES	$ 115,000.00
APHL	56400 200 621 14 11	10/01/13	06/30/14	2014 INFLUENZA NEURAMINIDASE INHIBITION	$ 115,000.00
CALIFORNIA ARB	09-363	06/13/10	05/15/14	LIGHT DUTY VEH EXHAUST NO COST EXTENTION	N/A
CDC	200 2013 59720 2014	09/16/13	09/15/14	2014 LAMP BOVINE	$ 47,151.00
PEKING UNIVERSITY	2013OSTC CY107	10/01/13	09/30/14	PARTICULATE MATTER (INT STND, POLAR AND NON POLAR)	$ 16,740.00
PUERTO RICO DOL	2014 SERVICE CONTRACT	06/03/13	06/02/14	300 FUNGAL/BACT & LEGIONELLA CULTURES	$ 38,500.00
TETRA TECH	EP C 09 019 TC 30460	08/31/13	11/30/13	PB210 ANALYSIS (98@150)	$ 14,700.00
THE NATURE CONSERVANCY	10113 2014010	11/01/13	06/30/14	2014 SHEBOYGAN WATERSHED SAMPLE ANALYSIS	$ 9,516.08
THE NATURE CONSERVANCY	10113 2014011	10/01/13	09/30/14	2014 SHEBOYGAN RIVER WATER ANALYSIS	$ 15,176.00
THE NATURE CONSERVANCY	20130820151259 NC015	10/01/13	09/30/14	2014 PECATONICA RIVER WATER ANALYSIS	$ 14,361.00
US DOI - NATIONAL PARKS	P13PX03438	09/19/13	09/30/14	MABO GREAT LAKES INVENTORY AND MONITORING	$ 26,386.00
USGS	G 13 PX 01354	08/12/13	08/11/14	BENZOTRIAZOLES ANALYSIS IN WATER	$ 2,664.00
WDHS	FAD 10139	07/01/13	06/30/14	2014 CHEM LEVEL 1 CHEM RESP CAP	$ 1,321,085.00
WDHS	FAD 40064	08/01/12	07/31/13	2013 ELC (ACA, FOODCORE, PULSENET,CALICNET,NARMS & INFLUENZA)	$ 547,636.00
WDHS	FAD 40106	07/01/13	06/30/14	2014 PHIN EHDI WETRAC IT SUPPORT	$ 119,429.00
WDHS	FAD 40110	07/01/13	06/30/14	2014 RADIOLOGICAL ENV MONITORING	$ 107,102.00
WDHS	FAD 40149	08/26/13	09/30/13	2013 PHIN SVRIS IT SUPPORT	$ 4,400.00
WDHS	FAD 40161	07/01/13	06/30/14	2014 PHIN PHEP IT SUPPORT	$ 244,381.00
WDHS	FAD 40164	08/01/13	07/31/14	2014 PHIN EPHT IT SUPPORT	$ 118,897.00
WDHS	FAD 40165	10/01/13	09/30/14	2014 GREAT LAKES RESTORATION	$ 25,000.00
WDHS	FAD 40168	07/01/13	06/30/14	2014 IISP (INFLUENZA A & B)	$ 31,050.00
WDHS	WH FP 2014 1	07/01/13	06/30/14	2014 COLPOSCOPY SERVICES	$ 66,800.00
WDNR	NMD0000054 DG062	07/01/13	06/30/14	PRIVATE DRINKING WATER WDNR REQUESTED TESTING ON SUSPECT WELLS	$ 8,000.00
WDNR	NMD0000409 WM010	09/09/13	08/13/14	POWEL MARSH PHOSPHORUS MONITORING	$ 3,398.40
WDNR	NMD0000438 GL025	09/26/13	06/30/14	DULUTH SUPERIOR HABOR DREDGING MERCURY AND METHYLMERCURY, TSS & TURBIDITY	$ 3,450.60
WDNR	NMD0000445 DG063	10/01/13	10/31/14	HOLLOW FIBER FILTERING METHOD DEVELOPMENT (WATER QUALITY ANALYSIS)	$ 84,500.00
WERF	MSN170215	03/30/14	?	EFFECT OF ECTRACELLULAR DNA ON QPCR METHODS	$ 151,000.00

Wisconsin State Laboratory of Hygiene
Board of Directors Meeting
November 5th, 2013

BUSINESS ITEMS

Item 10. DIRECTOR'S REPORT

A. **FY14 Meeting Calendar**

B. **Public or Environmental Health Incidents of Educational Interest**

C. **Water Systems Report**

D. **Influenza Update – Dr. Pete Shult**

E. **Electronic Lab Reporting – Dr. Pete Shult**

F. **Board Vacancies**

G. **MC-ICPMS (USGS)**

H. **Alumni Quarterly Article**

I. **Salary Increases**

J. **New Laboratory Tour**

WISCONSIN STATE LABORATORY OF HYGIENE
BOARD OF DIRECTORS
FY14 MEETING CALENDAR

November 5, 2013 1:00p.m. – 4:00p.m. Wisconsin State Laboratory of Hygiene 2601 Agriculture Drive, Madison, Wisconsin	February 18, 2014 1:00p.m. – 4:00p.m. Wisconsin State Laboratory of Hygiene 2601 Agriculture Drive, Madison, Wisconsin
■ Present FY14 1st quarter report	■ Present 2nd quarter FY14 report ■ Review meeting dates for the year ■ State of the Wisconsin State Laboratory of Hygiene ■ Review appointments and expiration dates ■ Election of officers
April 29, 2014 **1:00p.m. – 4:00p.m.** **Wisconsin State Laboratory of Hygiene** **2601 Agriculture Drive, Madison, Wisconsin**	**June 17, 2014** **1:00p.m. – 4:00p.m.** **Wisconsin State Laboratory of Hygiene** **2601 Agriculture Drive, Madison, Wisconsin**
■ Present 3rd quarter FY14 report ■ Submit preliminary FY15 budget ■ Review board meeting dates (summer vacations)	■ Approve FY15 budget ■ Approval of DNR/DHS Basic Agreements
August 19, 2014 **TBA**	
■ Present FY14 year-end closeout report	

Report to the Wisconsin State Laboratory of Hygiene Board

Representative Public or Environmental Health Incidents of Educational Interest
For the Period August 8 – Oct. 11, 2013

Approx. Date	Agent or Event Name	Description	Current Status
OUTBREAKS and INCIDENTS			
August 2013	Diphtheria	Young child with serious underlying health conditions tested positive for diphtheria. WSLH did initial testing and sent isolate to CDC for confirmation and toxicity testing. CDC confirmed WSLH's positive test result and further testing showed it was a non-toxic strain of diphtheria.	Completed
Sept. – Oct. 2013	Salmonella Newport	WI DPH, DATCP and WSLH are investigating clusters of human illness with matching PFGE patterns. This serotype of salmonella can be drug-resistant. No common source has been identified yet, but investigators are looking at whether it's being spread to humans through contact with livestock. In addition to patient testing, the WSLH is also performing testing on environmental (manure) samples.	Ongoing
Sept. – Oct. 2013	Cryptosporidium	The WSLH assisted DPH and multiple local health departments in SE Wisconsin with a cryptosporidium outbreak investigation. Close to 20 people were confirmed as being infected with the protozoa. Initial infection might have come from swimming pools. There was also human-to-human transmission from the resulting diarrhea illness. The City of Milwaukee Health Department also helped with some patient testing.	Completed
Sept. – Oct. 2013	1,4 dichlorobenzene	WSLH Organic Chemistry Unit assisted the City of Milwaukee Health Department and a grade school in Milwaukee with a drinking water odor problem (petroleum smell). Testing showed 1, 4 dichlorobenzene in low concentrations in water samples. The chemical is a component of urinal cakes, which were being used in the boys' bathroom, and it turns out, also being used in air freshener dispensers in the girls' bathroom. WSLH testing technology is sensitive enough to pick up the small amount of the chemical passing through	Completed

		the air and into sample vials at drinking fountains outside the bathrooms. After the investigation, students and staff were allowed to drink the water.	
RECENT EVENTS and FINDINGS			
Jan. – Sept. 2013	Rapid Cryptosporidium Assays Evaluation Research Study	With funding from an APHL-CDC grant, the WSLH completed an evaluation study of two new rapid cryptosporidium assay tests. The WSLH performed testing on 124 patient specimens that had tested positive by one of the rapid kits at a participating clinical laboratory. WSLH evaluation testing showed problems with the assays' sensitivity and specificity.	Completed
August 2013	Researcher of the Month – Dr. Mei Baker	The Newborn Screening Translational Research Network named WSLH Newborn Screening Laboratory Co-Director Dr. Mei Baker its Spotlight Researcher of the Month for August. The Newborn Screening Translational Research Network (NBSTRN) is a resource for investigators engaged in newborn screening related research. The goal of the NBSTRN is to facilitate research to improve the health outcomes of newborns with genetic or congenital disorders through an infrastructure that provides the research community access to robust newborn screening resources.	Completed
August 15, 2013	Chemical Emergency Response	An exercise testing urine specimens for SBMTE, a metabolite of sulfur mustard vesicant, was successfully completed. The exercise testing commenced with 24 hours prior notice, and included pre- and post-analytical testing aspects.	Completed
September 1	Oregon (WI) Childhood School Absenteeism due to Respiratory Disease Study (ORCHARDS)	The UW Dept. of Family Medicine in collaboration with the WI DPH and the WSLH were awarded funding to create a surveillance system within the Oregon, WI, school district to look at absenteeism and associated respiratory pathogen etiologies as part of a 3-year project.	Ongoing
September	Vaccine Preventable Disease (VPD) Project Proficiency Testing panel	The WSLH Virology Laboratory and the WSLH Proficiency Testing Program prepared the first external quality assessment PT panel (Measles and Mumps virus) for enrolled public health labs across the United States. The PT program is part of the WSLH's responsibilities as a CDC-funded Vaccine Preventable Disease Reference Center.	Completed
September	WI Clinical	WSLH CDD Director Dr. Pete Shult and Virus	Completed

25, 2013	Laboratory Network (WCLN) audioconference	Team Leader and Respiratory Virus Surveillance Coordinator Erik Reisdorf gave an audioconference presentation on the upcoming influenza and respiratory virus season. Approximately 90 different facilities in Wisconsin participated in this training opportunity. An archived webcast of the presentation is on the WSLH web site.	
September 28, 2013	Wisconsin Science Festival	The Cytogenetics and Cytology departments (with assistance from Public Affairs) hosted exploration stations at the annual Wisconsin Science Festival, a multi-day, family-oriented event co-sponsored by UW-Madison. At the Cytology station, kids could make a cell using plastic baggies, office supplies and corn syrup. Then they could view real cancer cells under a microscope with students in the Cytology Certificate Program guiding them. At the Cytogenetics station, kids extracted DNA from wheat germ glop, played a chromosome matching computer game and looked at chromosomes under a microscope. We had a very busy 4-1/2 hours and hopefully intrigued some future scientists.	Completed
September 23 – October 3, 2013	Newborn Screening – SCID testing training	Newborn Screening Laboratory staff provided SCID testing training to two medical technologists from Qatar, where SCID screening is scheduled to begin in early 2014. Over the past few years, WSLH NBS staff have provided SCID testing training to scientists from Germany, Sweden and Canada, as well as consultation and/or on-site training for the 15 other states in the U.S. currently performing SCID testing.	Completed
Starting October 2013	Large Volume Sample Approach for Well Water Quality Assessment	With funding from the WI DNR Emergency Preparedness program, WSLH will develop a strategy to evaluate sources of microbial contamination for public water supply wells testing positive under the Total Coliform Rule (TCR). This project will run through October 2014. The goal is to determine the microbial source and prevent future recontamination of the well. This project will involve a UW-Madison graduate student as well as WSLH Water Micro staff.	Initiated
October 1	Influenza Incidence Surveillance Project (IISP)	The WSLH was 1 of only 3 state public health laboratories in the country to be awarded full funding by CSTE for a year 5 extension of this surveillance project. The WSLH competed for the grant in collaboration with the WI DPH.	Ongoing

October 2013 – end of influenza season 2014	Real-time Influenza Surveillance Project	The WSLH, in collaboration with Quidel, the UW Dept. of Family Medicine, WI DPH, CDC and the WI Research and Education Network (WReN), have been deploying and providing training support to more than a dozen clinician sites across Wisconsin that are participating in a new near real-time Influenza surveillance project. These sites will be transmitting de-identified influenza testing data to public health officials in near real-time as part of a pilot project to assess the feasibility of real-time influenza surveillance. Last influenza season the WSLH worked with CDC and Quidel on a proof of concept real-time influenza surveillance study. That work led to this new project.	Ongoing
October 8, 9, 10, 2013	WI Clinical Laboratory Network (WCLN) regional meetings	The WCLN held its annual regional meetings in Kimberly, Rice Lake and Madison. More than 100 people total attended the 3 meetings. Attendees included staff from clinical and hospital laboratories, infection preventionists and local and state public health department staff. Topics this year focused on emerging technologies in microbiology and the impact they will have on public health and infection prevention, as well as the clinical laboratories. Speakers included WSLH CDD and WI DPH staff, as well as laboratory directors from large and small clinical/hospital labs in Wisconsin.	Completed

Report to the
Wisconsin State Laboratory of Hygiene Board
Water Systems Tests by the WSLH
For the period August 1 – September 30, 2013

Number of systems on a boil water notice Number of water systems tested	68 2971
Percent of systems on a boil water notice	2.3%
Number of boil water notices for municipal community water systems.	1
Number of boil water notices for other than a municipal community water system	3
Number of boil water notices for non-transient, non-community water systems.	3
Number of boil water notices for transient water systems.	61

	# of systems tested by SLH				# of Boil Water Notices			
	MC	OC	NN	TN	MC	OC	NN	TN
Adams	3	0	0	1	0	0	0	0
Ashland	3	0	1	0	0	0	0	0
Barron	2	2	3	12	0	0	0	0
Bayfield	3	1	0	0	0	0	0	0
Brown	10	0	2	10	0	0	0	0
Buffalo	3	0	3	0	0	0	0	0
Burnett	0	0	0	36	0	0	0	0
Calumet	8	1	2	3	0	0	0	0
Chippewa	1	2	0	21	0	0	0	2
Clark	8	1	0	20	0	0	0	0
Columbia	10	2	2	17	0	0	0	0
Crawford	6	0	0	3	0	0	0	0
Dane	33	7	5	27	0	0	0	0
Dodge	16	0	12	5	0	0	0	2
Door	3	0	2	72	0	0	0	5
Douglas	0	0	0	1	0	0	0	0
Dunn	1	1	0	31	0	0	0	1
Eau Claire	0	0	2	0	0	0	0	0
Florence	1	0	0	3	0	0	0	0
Fond Du Lac	8	2	1	0	0	0	0	0
Forest	4	0	0	2	0	0	0	0
Grant	13	2	2	5	0	0	0	0
Green	8	0	1	3	0	0	0	0
Green Lake	5	1	2	7	0	0	0	0
Iowa	9	0	1	10	0	0	0	0
Iron	5	0	0	3	0	0	0	0
Jackson	3	0	2	3	0	0	0	0
Jefferson	6	3	5	5	0	0	0	0
Juneau	9	3	0	5	0	0	0	1
Kenosha	0	11	12	2	0	0	0	0
Kewaunee	3	1	0	5	0	0	0	0
La Crosse	0	3	4	1	0	1	0	0
Lafayette	7	0	0	2	0	0	0	0
Langlade	1	0	0	4	0	0	0	0
Lincoln	3	0	0	1	0	0	0	0
Manitowoc	6	2	6	13	0	0	0	0
Marathon	3	0	0	0	0	0	0	0
Marinette	8	1	0	15	0	0	0	1
Marquette	1	0	1	5	0	0	0	0
Menominee	0	0	0	0	0	0	0	0
Milwaukee	2	1	1	0	0	0	0	0
Monroe	6	2	3	10	0	0	0	0
Oconto	5	3	0	17	0	0	0	0
Oneida	1	3	0	22	0	0	0	0
Outagamie	9	0	0	4	0	0	0	0
Ozaukee	2	4	10	5	0	0	0	0
Pepin	0	0	0	8	0	0	0	0
Pierce	2	0	0	3	0	0	0	0
Polk	2	0	0	26	0	0	0	3
Portage	4	1	0	0	0	0	0	0
Price	3	0	1	0	0	0	0	0
Racine	1	3	6	21	0	0	0	0
Richland	6	0	3	6	0	0	0	1
Rock	7	8	7	15	0	0	1	1
Rusk	2	0	0	0	0	0	0	0
Sauk	12	2	3	4	0	0	0	0
Sawyer	3	0	1	4	0	0	0	0
Shawano	9	1	2	11	0	0	0	1
Sheboygan	8	1	7	2	0	0	1	1
St. Croix	2	4	3	2	0	0	0	0
Taylor	2	0	1	0	0	0	0	0
Trempealeau	7	1	0	1	0	0	0	0
Unknown	0	0	0	0	0	0	0	0
Vernon	4	1	0	2	0	0	0	0
Vilas	3	1	0	27	0	0	0	2
Walworth	4	2	3	36	0	0	0	4
Washburn	1	0	2	4	0	0	0	0
Washington	2	5	2	1	0	0	0	0
Waukesha	5	5	9	13	0	1	0	0
Waupaca	8	1	2	8	0	0	0	0
Waushara	4	0	3	12	0	0	0	0
Winnebago	5	1	1	0	0	0	0	0
Wood	5	1	4	0	0	0	0	0

August 2013

Report on Public Water System Testing

MC is municipal community water system which means a water system which serves at least 15 service connections used by year round residents or regularly serves at least 25 year round resident and is owned by a county, city, village, town, town sanitary district, or utility district.

OC is other than municipal community water system which means a community water system that is not a municipal water system. Examples of other than municipal community water systems include but are not limited to those serving mobile home parks, apartments and condominiums.

NN is non-transient non-community water system which means a non-community water system that regularly serves at least 25 of the same persons over 6 months per year. Examples of non-transient non-community water systems include those serving schools, day care centers and factories.

TN is non-community transient water system which means a non-community water system that serves at least 25 people at least 60 days of the year. Examples of transient non-community water systems include those serving taverns, motels, restaurants, churches, campgrounds and parks.

	# of systems tested by SLH				# of Boil Water Notices			
	MC	OC	NN	TN	MC	OC	NN	TN
Adams	4	2	0	4	0	1	0	0
Ashland	3	0	1	2	0	0	0	0
Barron	2	1	4	0	0	0	0	0
Bayfield	3	1	1	1	0	0	0	0
Brown	10	1	4	18	0	0	0	0
Buffalo	2	0	0	0	0	0	0	0
Burnett	0	1	1	31	0	0	0	0
Calumet	8	1	4	5	0	0	0	0
Chippewa	1	1	4	45	0	0	0	1
Clark	7	1	4	12	0	0	0	1
Columbia	10	3	4	16	0	0	0	0
Crawford	5	0	0	8	0	0	0	0
Dane	33	12	13	10	0	0	0	1
Dodge	16	3	8	13	0	0	0	1
Door	3	1	4	228	0	0	0	10
Douglas	0	0	2	12	0	0	0	1
Dunn	1	0	0	12	0	0	0	2
Eau Claire	0	0	6	0	0	0	0	0
Florence	1	0	0	9	0	0	0	0
Fond Du Lac	8	10	4	17	0	0	0	0
Forest	4	0	0	4	0	0	0	0
Grant	13	4	1	31	0	0	0	1
Green	8	1	1	13	0	0	0	0
Green Lake	5	2	4	6	0	0	0	0
Iowa	9	1	4	12	0	0	0	0
Iron	5	0	0	7	0	0	0	1
Jackson	3	0	1	11	0	0	0	0
Jefferson	6	8	6	7	0	0	0	0
Juneau	9	0	2	10	0	0	0	1
Kenosha	0	13	11	12	0	0	0	0
Kewaunee	3	0	2	14	0	0	0	1
La Crosse	0	2	4	1	0	0	0	0
Lafayette	7	0	0	12	0	0	0	0
Langlade	1	0	3	5	0	0	0	0
Lincoln	3	0	0	0	0	0	0	0
Manitowoc	6	2	8	17	0	0	0	1
Marathon	3	0	5	2	0	0	0	0
Marinette	7	1	0	63	0	0	0	2
Marquette	1	3	6	27	0	0	0	0
Menominee	0	0	0	0	0	0	0	0
Milwaukee	2	1	3	0	0	0	0	0
Monroe	6	2	2	9	0	0	0	1
Oconto	5	3	4	49	0	0	0	1
Oneida	1	4	3	0	0	0	0	0
Outagamie	9	0	2	14	0	0	0	0
Ozaukee	2	6	16	11	0	0	0	0
Pepin	0	0	2	1	0	0	0	0
Pierce	2	1	4	1	0	0	0	0
Polk	2	0	0	33	0	0	0	0
Portage	4	4	3	0	0	0	0	0
Price	3	0	1	0	0	0	0	0
Racine	1	1	14	14	0	0	0	0
Richland	6	0	2	13	0	0	0	0
Rock	7	6	11	18	0	0	1	2
Rusk	2	2	1	1	0	0	0	0
Sauk	12	2	3	5	0	0	0	0
Sawyer	3	0	2	0	0	0	0	0
Shawano	9	0	0	24	0	0	0	2
Sheboygan	8	0	4	15	0	0	0	0
St. Croix	2	5	1	8	0	0	0	0
Taylor	3	0	0	0	0	0	0	0
Trempealeau	6	2	1	0	0	0	0	0
Unknown	0	0	0	0	0	0	0	0
Vernon	4	0	1	12	0	0	0	0
Vilas	3	8	2	3	0	0	0	0
Walworth	4	1	7	26	0	0	0	4
Washburn	1	0	1	16	0	0	0	0
Washington	1	6	9	4	0	0	0	0
Waukesha	4	5	11	24	0	0	0	1
Waupaca	8	1	3	8	0	0	0	0
Waushara	4	2	3	35	0	0	0	1
Winnebago	4	0	0	0	0	0	0	0
Wood	5	1	3	0	1	0	0	0

September 2013

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Newborn Screening: 50 Years of Saving Lives

Christine and Kevin Brown of Tomahawk, Wisconsin, had never heard of phenylketonuria (PKU) until 2005, when they received a phone call telling them their second son, Connor, had an abnormal newborn screening (NBS) test result. Despite their hopes that it was a mistake, a second test confirmed the results.

Mei Baker (left) and Patrice Held became Newborn Screening Laboratory co-directors in 2013.

Like the Browns, about 125 Wisconsin families each year learn through newborn screening that their babies have a rare, life-altering and potentially life-threatening disorder.

Left untreated, PKU and other conditions detected through NBS can lead to severe illness, developmental delays, brain damage and sometimes death.

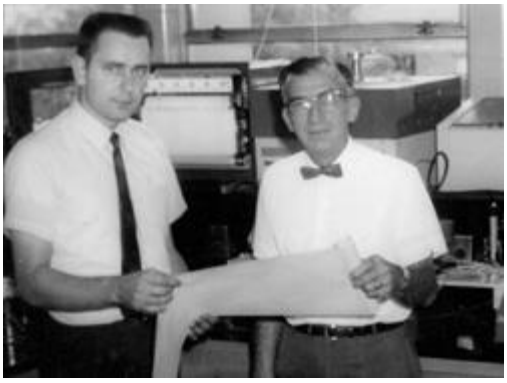
Fortunately, early diagnosis and treatment can mean all the difference. This has allowed Connor to thrive and live as normal a life as possible on a special diet.

"Newborn screening is a great example of an early-detection, early-intervention public health program," says Mei Baker, MD, University of Wisconsin School of Medicine and Public Health (SMPH) associate professor of pediatrics and co-director of the Wisconsin State Laboratory of Hygiene (WSLH) Newborn Screening Laboratory.

"If we identify these babies' disorders soon after birth through newborn screening, they can begin treatment and, hopefully, go on to live healthier lives."

Newborn screening may be the only way to identify the disorders early, before a baby begins to suffer negative health effects.

"Almost all of these disorders are unrecognizable at birth," explains Patrice Held, PhD, co-director of the Wisconsin State Laboratory of Hygiene Newborn Screening Laboratory, which is part of UW-Madison. "A lab test is the only way to know, and prenatal testing isn't feasible."



Ronald Laessig, PhD (left), and Harry Waisman, MD, were strong proponents of newborn screening.

Celebrating 50 Years of Newborn Screening

This year, the laboratory and other health care organizations around the country are celebrating 50 successful years of newborn screening. In 1963, Robert Guthrie, MD, PhD, of New York, developed the first newborn screening test: a method to detect PKU using a few drops of blood from the baby's heel, collected and dried on a filter paper card. Wisconsin began PKU screening in 1965.

Today, the Newborn Screening Laboratory still receives filter paper cards like those Guthrie used. However, the approximately 70,000 babies born each year in Wisconsin now benefit from screening for 44 disorders.

Between 24 and 48 hours after birth, a health care provider pricks each baby's heel and collects five drops of blood on the filter paper card, which hospitals and midwives send to the Wisconsin State Laboratory of Hygiene.

The laboratory analyzes the blood spots for commonly known disorders like cystic fibrosis, sickle cell disease and congenital hypothyroidism, as well as disorders so rare that years can go by before chemists find a positive result.

In addition to blood testing at the WSLH, hospitals assess each newborn's hearing as part of Wisconsin's comprehensive program. The Wisconsin SHINE (Screening Hearts in Newborns) project also is working with hospitals on a pilot study examining the use of pulse oximetry to screen for critical congenital heart disease.

The mission of the statewide program, administered by the Wisconsin Department of Health Services and the State Lab of Hygiene, is to screen all newborns to identify those at high risk for disorders and ensure they get confirmatory testing and, if necessary, treatment. Depending upon the disorder, treatment may include medication and/or a diet that will need to be followed for the baby's entire life.

A key part of Wisconsin's NBS Program is the voluntary engagement of clinical consultants who initially work with the babies' primary care providers and deliver ongoing medical treatment. Participants throughout the state include:

- The UW-Madison Waisman Center and American Family Children's Hospital in Madison
- Children's Hospital of Wisconsin in Milwaukee
- Gundersen Health System in La Crosse
- Marshfield Clinic in Marshfield

- St. Vincent's Hospital in Green Bay

Nutrition professionals, genetic counselors, audiologists and public health nurses are among those who provide vital support services to families.

Only one of the disorders on the NBS panel - severe combined immunodeficiency (SCID) - can be cured. If a baby with SCID has a bone marrow transplant before the age of 2 months, he or she will have more than a 90 percent chance for long-term survival. Without the transplant, children with SCID rarely live past their second birthdays.

Staff of the Wisconsin Newborn Screening Laboratory gathered at the July event to celebrate the 50th anniversary of newborn screening.

A Nationally Respected Screening Program

In January 2008, the Wisconsin NBS Program became the world's first to begin routinely screening newborns for SCID .Baker and collaborators at the Medical College of Wisconsin in Milwaukee developed and evaluated the test method with funding from the Jeffrey Modell Foundation and the Centers for Disease Control and Prevention. Since then, the NBS Laboratory identified six babies with immune deficiency disorders.

This strong research collaboration is an example of how Wisconsin earned its national reputation as one of the best NBS programs in the U.S.

Another such example includes the work of Philip Farrell, MD, PhD, now a School of Medicine and Public Health dean emeritus and professor of pediatrics and population health sciences. In the 1980s, he worked with Wisconsin State Laboratory of Hygiene scientists to study cystic fibrosis (CF) screening and pilot a test for a two-tier method.

When the test was added to Wisconsin's newborn screening panel in 1994, it relied upon the first DNA strategy of screening that used procedures developed at UW-Madison through National Institutes of Health-funded research.

Referring to Gary Hoffman, who directed the State Lab of Hygiene's NBS Laboratory from 1991 to 2012, Farrell says, "The Wisconsin IRT-DNA test is now used to screen over 10 million babies around the world for CF, all because Gary and the Wisconsin laboratory were willing to take a quantum leap forward."

Furthering their research collaborations, Farrell and Baker now have a grant to study how next-generation sequencing technology can be used for CF newborn screening.

As for the Browns, living as a family with PKU became their "new normal." Two years after Connor's diagnosis, the Brown's third son, Kellen, was born with PKU; their oldest son does not have the condition. With all they have learned and experienced, Christine and Kevin know that all of their sons will be able to grow up healthy and dream their dreams.

"Newborn screening saved our children's lives," Christine exclaims.

By Jan Klawitter
This article appears in the summer 2013 issue of Quarterly.

BUSINESS ITEMS

Item 11. NEW BUILDING TOUR

A) Terry Burk, Project Manager, WSLH, will conduct a tour of the new co-located WSLH/DATCP building if board members are interested.