



Volume 35, Issue 1

IEHA

Newsletter

March 2010

Special points of interest:

- Voting Information
- Proxy Ballot
- Nominations for Office

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. After spending the last 6 years on the IEHA Executive Council and begin my transition into the role of Past-President, I was thinking back to my first year as Secretary/Treasurer. After my first year the organization was very close to being broke. As I recall we had less than \$5,000 in the bank (it takes about that much to put on an annual conference) and I was very worried about the upcoming years. Would we still be in existence? Thankfully we are because of strong leadership at the time from Dale King and Paul Guenther. I'm happy to report that we were able to bounce back and are now in excellent financial shape. I also remember the mountain of paperwork I had from all the membership renewals and AEC registrations which were sent to me. It was a difficult and sometimes painful task but we made it through the process. Now, thanks to efforts from Bob Erickson and Ken Keller, we have a website that is able to take care of much of the paperwork for us. While the website has been around for a while we felt

President's Message

that based on comments that we had heard from members that we needed to move the organization into the 21st century. I really see this website as being a "one stop shop" where all information can be stored and disseminated to IEHA members. As it was painful with the paper copies of everything, it can also be painful as we transition into the electronic age. There have been a few glitches in the system over the past few months. Please be patient and if you have a problem please call or email us and we will address the issue. I also have heard that some people haven't been notified of updates to the site as they occur. I envision a blast email sent to all members as items are added to the site (i.e. legislative updates, newsletters, etc). Again, if you don't get them please let us know. I would suggest that as a matter of practice that all members simply bookmark the site and check it regularly to ensure you have all the latest information. We want your feedback on the website, what can we do differently? What can we improve? Your input is important to us. Ok, so if you've read this far you are obviously bored and just need something to read, but WAIT, don't stop

now. You might be asking why is he looking back in time rather than forward? I am looking back because it has been my privilege to work with some outstanding people in this organization, I have named a just a few in this article but realize that there have been many more. I want to thank all the individuals who have volunteered their time in service to IEHA, it's been a great last 6 years and I look forward to the next six. But the next six years won't happen without YOU! In order for the organization to grow and become what you, the members, want from it is for you to serve either on a committee, as an area representative, or run for an Executive Council seat. The same people can't keep running this organization, it leads to burnout for those people and IEHA will become stagnant. We need new and fresh ideas, so I challenge those of you who haven't done anything, except to attend the annual education conference, to stand up and be part of the organization. This has been a rewarding experience for me; I wouldn't trade in the last 6 years for anything. I hope to see everyone at the conference in March

President-Elect's Message



Just a couple of weeks until our spring conference, March 17-19 at the BSU Student Union Building. We're excited to have Nelson Fabian, executive Director of NEHA, deliver our keynote address on Wednesday morning. We have concurrent sessions planned, which encompass onsite wastewater, food safety and protection, children's environmental health issues, solid waste, environmental health research, and a general topics session covering everything from mer-

cury and fish advisories to the new lead rule, brownfields, and more! For those traveling in from outside the Boise area, we have once again reserved a block of rooms at the Safari Inn. The conference is a great way to pick up some CEUs towards your REHS credential--and to network with colleagues from around the state.

Hope to see you there,
Bob Erickson

Editor's Corner

Hello all! My learning curve continues in an upward direction! I am constantly amazed at how much it takes to put out a publication. And to think Bob Jue did this all those years.

If you are wondering why this edition is not a Digest issue, I decided to change the Digest issue to report on the conference and to also conform with the by-laws.

I'm very excited to go to the conference this year. It has been awhile since I have gone. I'm sure there will be a lot of new faces. I am anxious to get to know everyone so I will probably introduce myself if I don't recognize you. (And probably take your

picture! There will be running away!)

I will also be asking for a little help this year in taking notes at the sessions that I cannot attend. I would like to cover all of the topics presented even if just a few comments. I would also like to ask for volunteers for correspondents to help me keep in touch and informed about activities in your district. If you are interested.....please make yourself known! As I mentioned in the last Newsletter, I would like to put more information in our publication about the people and happenings in our state. This is a tough thing to do for the whole state so any help would be greatly appreciated!

I would also like to re-enforce what Steve Pew had to say about filling the vacant positions in our organization and to encourage everyone to get involved. It is sooooo much better when there are people willing to do these things. I for one am glad I took this position (after much pleading from Bob Jue) and even though it is time consuming and a little frustrating at moments, I am learning a lot and feel good about it! So please, get involved. This organization needs you!

See you at the conference!

Bonnie Christensen

**Idaho Environmental Health Association
Business Meeting
March 18, 2010 Ballot**

Instructions: All members may vote for President – Elect and Secretary/Treasurer. Members may vote for their Area Representative only. If you are casting ballots for proxies please use a separate ballot for each proxy and you must provide the proxy form to the Secretary.

Nominations may also be made at the business meeting.

Idaho Environmental Health Association President – Elect

Patrick Guzzle

Jami Delmore

_____ (Write In)

Area A Representative (Health Districts 1 and 2)

Nancy Becker

_____ (Write In)

Area B Representative (Health Districts 3 and 4)

Josh Kriz

_____ (Write In)

Area C Representative (Health Districts 5,6 and 7)

Nathan Taylor

_____ (Write In)

Secretary/Treasurer

Ken Keller

_____ (Write In)

IEHA OFFICERS & COMMITTEES

EXECUTIVE COUNCIL

January 2009

Interim President

Steve Pew, Southeastern District Health Department,
1901 Alvin Ricken Dr, Pocatello, ID 83201
Home address – 957 Willow Ln
Pocatello, ID 83201
Phone: 208-239-5272
Fax: 208-234-7169
Email: spew@phd6.idaho.gov

President-Elect

Bob Erickson, South Central District Health
Phone: 208 788-4335 x104
Email: bericko@phd5.idaho.gov

Past President

Dale King
Retired from North Central Health District
Phone: 209-476-7046
Email: dale.king2@gmail.com

Secretary/Treasurer

Ken Keller, Southeastern District Health Department
1901 Alvin Ricken Dr., Pocatello, ID 83201
Phone: 208-239-5270
Fax: 208-234-7169

Area A Representative

Nancy Becker, North Central District Health Department,
333 E Palouse River Dr, Moscow, ID 83843
Phone 208-882-7506
Fax: 208-882-3494
Email: nbecker@phd2.idaho.gov

Area B Representative,

Josh Kriz, Central District Health Dept
PO Box 1448, McCall, ID
Phone 208-634-7194
Fax: 208-634-2174

Area C Representative

Nathan Taylor, PHD7
1250 Hollipark Dr, -Idaho Falls, ID 83401
Phone: 208 533-3128
FAX: 208-528-0857
Email: ntaylor@phd7.idaho.gov

IEHA COMMITTEES

IEHA has nine standing committees that offer an opportunity for you to participate in guiding environmental health in Idaho. The following is a list of the chairs of each committee and a short description of the duties.

Audit Committee

Appointed at Annual Conference

Reviews the activities of the budget committee and the treasurer and reports findings to the general membership.

Awards Committee, vacant???,

Evaluates nominations for IEHA awards including the EHS of the Year.

Budget Committee Ken Keller,

Southeastern District Health Dept
1901 Alvin Ricken Dr., Pocatello ID 83201
Phone: (208) 233-9080
Fax: (208) 234-7169
email: kkeller@phd6.idaho.gov
Plans the expenditures of the association and maintains relevant records.

Constitution and Bylaws Bob Erickson,

South Central District Health
P.O. Box 162
Hailey, ID 83333-0162
Phone: 208-788-4335
Fax: 208-788-0098
Email: berickso@phd5.idaho.gov
Keeps a current copy of the IEHA constitution and advises the council of necessary changes.

Legislative Committee , Jami Delmore,

Southwest District Health Department
920 Main St.
Caldwell, ID 83605
Phone: 208-455-5400
Fax: 208-455-5405
Email: jdelmore@phd3.idaho.gov
Keeps up-to-date on legislative activities to allow for comments from IEHA on activities that affect public health.

Membership Committee , VACANT

Responsible for increasing the visibility and membership of IEHA.

Nominations and Elections Dale King,

Retired from North Central Health District
Phone: 209-476-7046
Email: dale.king2@gmail.com

Professional Promotion, Nancy Becker,

North central District Health
333 E. Palouse River Dr.
Moscow, ID 83843
Phone: 208-882-7506
Fax: 208-882-3494
Email: nbecker@phd2.idaho.gov

Program & Education Committee, Bob Erickson,

South Central District Health Department
117 E. Ash St, Bellevue ID 83313
Phone: 208-788-4335
Fax: 208-788-0098
Organizes and produces the annual conference.

DIGEST Committee

Publish the DIGEST and NEWSLETTER semi-annually.

Bonnie Christensen - Editor/Publisher,
Southeast District
Health, 326 Poplar, Blackfoot, ID 83221
Area C (D-5,6, &7)
PH: (208) 785-2160
FX: (208) 786-6372
email: bchriste@phd6.idaho.gov

Area Correspondents

Paul Guenther, No. Central District
215 - 10th St., Lewiston ID 83501
Area A (D-1 & 2)
PH: 208-799-3100
FX: 208-799-0349
Email: pguenthe@phd2.idaho.gov

Ballot Information

Instructions: All members may vote for President and Constitutional changes. Members may vote for only their Area Representative. If you are casting ballots for proxies please use a separate ballot for each proxy and you must provide the proxy to the Secretary. Nominations may be made from the floor during the meeting.

Members: If you are unable to attend the conference, please fill out a PROXY and mail it to Ken Keller by Feb 20 or have a member bring it to the AEC.

PROXY BALLOT REGISTRATION FORM

Annual Business Meeting
Thursday, March 18, 2010



I, being a member in good standing, hereby authorize,
_____ to act as

(Print name of Proxy)

my proxy in any voting matters at the 2010 IEHA Business Meeting.

Member Name (printed): _____

Member Signature: _____

Date: _____

2010 IEHA Annual Education Conference
THE FUTURE OF ENVIRONMENTAL
HEALTH: What Role Will We Play?

Boise State University Student Union Building
March 17-19

Keynote Speaker

Nelson Fabian, Executive Director of the National Environmental Health Association (NEHA)

Wednesday, March 17
Hatch Room A/B

OPENING SESSION & KEYNOTE ADDRESS		
Moderator: Bob Erickson, SCPHD		
7:00-8:30 Breakfast BSU Table Rock Café, and Registration in front of the Hatch A/B Ballroom		
TIME	SPEAKER	TOPIC
8:30-8:45	Steve Pew, IEHA President, David Riggs, NEHA Region 1 Vice Pres.	Welcome & Opening Remarks
8:45-10:00	Nelson Fabian, Keynote Address	"Some Daring Thinking About the Future of Environmental Health".
10:00 - 10:20 Break Bishop Barnwell Room		

Wednesday, March 17, Concurrent Session A
Hatch Room A/B

FOOD SAFETY & PROTECTION		
Moderator: Patrick Guzzle, ID Dept. of Health & Welfare		
TIME	SPEAKER	TOPIC
10:20-10:50	Patrick Guzzle	2009 Idaho Food Safety trends
10:50 – 11:20	Dr. Marilyn Simunich Idaho Department of Agriculture	Animal health for specialty food processors
11:20 – 12:00	Marv Patten, Chief, Dairy Bureau Idaho Department of Agriculture	Changes to Idaho's raw milk rules
12:00-1:00 Lunch BSU Table Rock Café		
1:00 -1:30	Dr. Lyndon Jenkins USDA Food Safety/Inspection Services	Custom meat processing and inspections
1:30 – 2:15	Charles Breen, Seattle District Director US Food and Drug Administration	Food Defense and Safety
2:15 – 3:00	Brad Tufto, Regional Retail Food Safety Specialist, US-FDA	Changes to the 2009 FDA Food Code
3:00-3:20 Exhibitor's Break Bishop Barnwell Room		
3:20 – 3:50	Tim Campbell, COO Convergent-Digital	Technology, Private Enterprise, and Food Safety
3:50 – 5:00	Dr. Leslie Tengelsen Patrick Guzzle Office of Epidemiology, Food Protection, and Immunizations	CIFOR Guidance to investigation of foodborne disease outbreaks
5:00-6:00 Exhibitor's Reception Bishop Barnwell Room		

Wednesday, March 17, Concurrent Session B
Hatch Room D

General Environmental Health & Current Issues		
Moderator: Jami Delmore, SWDHD		
TIME	SPEAKER	TOPIC
10:20-11:20	David Riggs, NEHA Region 1 V.P.	Generations in the Workforce
11:20-12:00	Dirk Helder, EPA	New NPDES Permit Requirements and Effect on Public Health Efforts
12:00-1:00 Lunch BSU Table Rock Café		
1:00-2:00	Lori Witham, USDA Smuggling, Interdiction & Trade Compliance Officer	Smuggling, Interdiction and Trade Compliance Program
2:00-2:30	Rob Howarth, CDHD EH Director	CPSC Pool Inspection Contract & Findings

2:30-3:00	Aaron Scheff, DEQ	Brownfield Redevelopment in Idaho: An Overview
3:00-3:20 Exhibitor's Break Bishop Barnwell Room		
3:20-4:05	Russell W. Clausen, EPA	EPA Renovation, Repair and Painting Rule
4:05-4:35	Kathryn Dallas, ISDA	Idaho State Department of Agriculture Ground Water Monitoring Program in Idaho
4:35-5:00	Megan Keating, IDHW Environmental Program	Eat Fish, Be Smart, Choose Wisely
5:00-6:00 EXHIBITOR'S RECEPTION BISHOP BARNWELL ROOM		

**Thursday, March 18, Concurrent Session A
Hatch Room A/B**

ONSITE SEWAGE		
Moderator: Mike Reno, CDHD		
7:00-8:30 Breakfast BSU Table Rock Café Registration in front of the Hatch A/B Ballroom		
TIME	SPEAKER	TOPIC
8:30 - 9:30	Dr. John Buchanan, Ph.D., P.E.	Drip Distribution
9:30 - 10:00	Reza Shams Ph.D.	Bio Barrier
10:00-10:20 Exhibitor's Break Bishop Barnwell Room		
10:20 - 11:20	Tom Ashton R.E.H.S, vC.P.S.S., A.O.S.E	Drip Distribution in the Northwest/Flow equalization/ Panels
11:20 - 12:00	George Miles P.E.	Eco Pod
12:00-1:30 Lunch BSU Table Rock Café & IEHA Business Meeting and Awards Luncheon, Jordan C		
1:30 - 2:30	Dr. John Buchanan, Ph.D., P.E.	Costing Decentralized Systems
2:30 - 3:00	R.C. Worst	Constant Flush Drip System
3:00-3:20 Exhibitor's Break Bishop Barnwell Room		
3:20 - 4:20	District 1	Round Table "The complications of proposed onsite systems in the land development subdivision process".
4:20 - 5:00	AJ Maupin	Surface Water Setbacks/ Phosphorous Study
5:00 Meeting Adjourned		

Thursday, March 18, Concurrent Session B
Hatch Room C

SOLID WASTE		
Moderator: Ted Hutchinson, Idaho Solid Waste Association		
10:00-10:20 Exhibitor's Break Bishop Barnwell Room		
TIME	SPEAKER	TOPIC
8:30-10:00	Ted Hutchinson	LFG to Energy – Ada County's Perspective
10:00-10:20 Exhibitor's Break Bishop Barnwell Room		
10:20-12:00	Catherine Chertudi, City of Boise	Prescription for Success - developing a pharmaceutical collection program
12:00-1:30 Lunch BSU Table Rock Café, and IEHA Business Meeting and Awards Luncheon, Jordan C		
1:30-3:00	Ted Hutchinson	Landfill Economics in a Depressed Economy: Round 2
3:00-3:20 Exhibitor's Break Bishop Barnwell Room		
3:20-	IDAHO SOLID WASTE ASSOCIATION	General Membership Meeting
5:00 Meeting Adjourned		

Friday, March 19, Concurrent Session A
Hatch Room D

DAYCARES & CHILDREN'S ENVIRONMENTAL HEALTH		
Moderator: Melody Bowyer, SCPHD		
7:00-8:30 Breakfast, BSU Table Rock Cafe		
TIME	SPEAKER	TOPIC
8:30-10:15	Landis Rossi, Program Manager, Department of Health and Welfare	Update on changes to Idaho Daycare Licensing Law and Rules
10:15-10:30 Break		
10:30-12:00	Nancy Beaudet, MS, CIH University of Washington Pediatric Environmental Health Specialty Unit	What got into the kids? A survey of environmental health hazards in day care centers
12:00 CONFERENCE ADJOURNED		

**Friday, March 19, Concurrent Session B
Hatch Room C**

Environmental Health Research		
Moderator: Dale Stephenson, Ph.D., C.I.H., Boise State University		
<i>TIME</i>	<i>SPEAKER</i>	<i>TOPIC</i>
8:30-9:30	Lea Duffin, BSU Student, Environmental and Occupational Health	Bed Bugs: Beyond the Nuisance
9:30-10:15	Crystal Feeley, BSU Student, Environmental and Occupational Health	Airborne Trichloramine Sampling at a Recreational Swimming Pool Facility
10:15-10:30 Break		
10:30-11:15	Jaime Minick, BSU Student, Environmental and Occupational Health	Evaluation of Combustion Emissions from Wick- and Wickless-based Paraffin Wax Candles
11:15-12:00	Danielle Long, BSU Student, Masters of Health Science	Diesel Generator Emissions Testing using a Gasmeter FTIR Sampling System
12:00 CONFERENCE ADJOURNED		

Conference Parking at BSU

There will be 50 spaces reserved in the Lincoln Parking Structure each day. The main entrance to the parking structure is located off Belmont St. Conference attendees can park in any space that is not designated by a sign. Remember the space number. A pay station is available on each floor by the staircase, and the first floor machine is located in the lobby of the Northwest staircase. Enter the space number to the payment machine, select that you will pay by the hour, and then enter the coupon code (**2010100**) for free parking. You will be given a receipt once the transaction is finished.

2010 IEHA Presenters

Tom W. Ashton

- *Registered Environmental Health Specialist (R.E.H.S., N.E.H.A.)
- *Certified Professional Soil Scientist (vC.P.S.S, Va. Dept. Of Commerce)
- *Licensed On Site Evaluator (L.O.S.E., Virginia Department of Health)
B.S. Environmental Health, Old Dominion University, Norfolk VA
M.B.A., Shenandoah University, Winchester VA
- *Field Sanitarian, Virginia Department of Health
1978 - 1985
- *Private Sector Consulting Soil Scientist / Designer 1985 to present
- *On Site System Specialist, Designer, Market Development Manager / Regulatory Relations, American Manf. 1993 to present.
- *Past President, Virginia Association of Professional Soil Scientists
- *Past President, Virginia On Site Wastewater Recycling Association

Charles Breen

Charles Breen is the FDA Seattle District Director. He is responsible for directing FDA operations in Idaho, Montana, Washington, Oregon, and Alaska. Charles has been the Seattle District Director for ten years. Prior to coming to the Northwest, he was the St. Louis Branch Director, a Compliance Officer in FDA's Center for Veterinary Medicine, the Resident Investigator in Charge in Helena, Montana (for ten wonderful years!), and started his FDA career as an Investigator in San Francisco, CA.

Nancy Beaudet, M.S., C.I.H.

Nancy Beaudet's twenty years of industrial hygiene experience includes evaluation of hundreds of workplace exposures in a wide variety of industries, interpretation of findings, and written and oral reports. In addition, I have extensive knowledge of the practical application of OSHA/DOSH workplace standards. Accomplishments also include expertise in risk communication, worker training, expert legal testimony, and media relations. Project management experience includes project development, grant writing, planning, implementation, evaluation, budget management, hiring, team building, supervision and marketing.

Education

M.S. Industrial Hygiene and Safety, University of Washington, Seattle, Washington, 1987.
B.S. Geology, University of Minnesota, Duluth, Minnesota, 1980.

Professional Certification

American Board of Industrial Hygiene Comprehensive Practice (5468)

John R. Buchanan, Ph.D., P. E.

Dr. Buchanan is an Associate Professor in the Biosystems Engineering & Soil Science Department at the University of Tennessee. His research and teaching is focused on water quality, especially as it relates to wastewater treatment in rural areas. John is also the Chairman of the Consortium of Institutes for Decentralized Wastewater Treatment. He is a registered professional engineer.

Tim Campbell

Tim Campbell is the Chief Operating Officer and a founding partner for Convergent-Digital Corporation. Convergent-Digital is a new technology company founded in early 2009 focused on applying advanced wireless sensor network and web service technology to the food services industry. The fusion of these technologies has resulted in their new SenseTrac solution which enables 24/7 monitoring to reduce food loss, optimize energy consumption and improve food safety. Prior to

Catherine Chertudi, Environmental Programs Manager

City of Boise
Public Works Department
P. O. Box 500
Boise, ID 83701-0500
Phone 208-384-3912
Fax 208-433-5650
E-mail cchertudi@cityofboise.org

Catherine Chertudi has worked for the Boise City Public Works - Environmental Division since 1990. She supervises a work group dealing with a broad range of environmental issues including garbage and recycling, ground water protection, and hazardous materials management. Catherine majored in Biology and Environmental Health at Boise State University and is a native Idahoan!

Catherine serves on the boards of the national Groundwater Foundation, Idaho Water Education Foundation, and is a founder of the Idaho Water Awareness Week program for sixth grade students. She has been a presenter and keynote speaker at state, regional, national and international environmental conferences. Catherine received the Jennings Randolph International Fellowship to study water management issues in Australia in 2009.

Russell W. Clausen (Russ)

Enrollee in the Senior Environmental Employment (SEE) Program administered by Senior Service America and working for the Environmental Protection Agency (EPA). BA and MS in Biology from Western Washington State College, and PhD in Forest Entomology from the University of Idaho (From the North came a tribe brave and bold...). I lived in Moscow from 1970 to 1998, going to school and working on several projects for the UI. This included several years working for the Cooperative Extension System, traveling Idaho discussing pesticide safety so that private applicators could obtain restricted use pesticide licenses. I've worked for the EPA since June 2000, doing inspections, compliance assistance

Kathryn Dallas Elliot, ISDA

Kathryn Dallas Elliott serves as a Program Manager in the Water Quality Program at the Idaho State Department of Agriculture. She has a B.S. in Environmental Science - Biological Option with an Emphasis in Water and Aquatic Ecology from the University of Idaho and a Masters in Hydrogeology from the University of Idaho.

Laurie Fay, EPA

Laurie Fay graduated from the University of Washington with a Masters in Forestry. She has worked for the Environmental Protection Agency as a Senior Environmental Enrollee for the last two years doing compliance assistance and outreach and for the last year has been a TSCA Lead Inspector.

Paul Flynn

Paul Flynn is the Director of Production and Field Services for Bio-Microbics, Inc. of Shawnee, KS. Paul received his Bachelor of Science degree in 1991 from Montana State University in Biology with an emphasis in Fish and Wildlife Management. After school Paul spent several years employed in the fisheries management field until he found permanent employment as an onsite regulator in central Kansas covering four counties permitting onsite wastewater systems and private water wells. 10 years ago Paul realized that money is a necessity in this life and became employed by Bio-Microbics. Paul is an active member of NOWRA, WEF (Water Environment Federation), ASAE and the National Safety Council. Paul's personal interests include hunting, fishing and hockey.

Patrick Guzzle

Patrick Guzzle is the Food Protection Program Manager with the Idaho Department of Health and Welfare (IDHW). Patrick holds a Bachelors Degree in Spanish and Masters Degrees in Medical Anthropology and Public Health, all from Idaho State University. Prior to his employment with IDHW, Patrick was employed in the Environmental Health section of the Southeastern District Health Department in Pocatello, Idaho. During his time in Pocatello, Patrick held the positions of Food Protection Program Coordinator and also Environmental Health Supervisor. He is a registered Environmental Health Specialist

is also registered with the National Environmental Health Association as a Food Safety Trainer. He has taught numerous food safety and sanitation courses to managers and staff members associated with all types of retail food establishments. He is a member of the Western Association of Food and Drug Officials, the National Environmental Health Association, and the Conference for Food Protection.

Patrick and his wife Dianne were both raised in the mountains of Colorado. They and their children Dillon, Ericson, Hayden, and Lillie (due to arrive in late May, 2010!) now live in Boise.

Dirk Helder, EPA Office of Pesticide Programs

Dirk Helder has worked for the U.S. EPA for ten years in the older pesticide re-evaluation program for the Office of Pesticide Programs. His work primarily focuses on ensuring pesticides are safe and there are no dietary risks from the use of pesticides on food. His work also ensures workers who handle pesticides and residential applicators are protected and that pesticides don't cause unacceptable risks to the environment. He also serves on the work group developing the National Pollutant Discharge Elimination Permit (NPDES) for pesticide applications to, over, including near waters of the U.S. He works at the U.S. EPA office in Boise, ID and can be reached at 208 378-5749 or helder.dirk@epa.gov.

Rob Howarth

Rob Howarth is the Director of Environment Health at Central District Health Department. Rob began work at Central District Health Department in 2002 as the manager of the new Public Health Preparedness Program. He became Director of Environmental Health in 2005.

Before coming to Central District Health, Rob worked as an environmental hydrogeologist at the Idaho Department of Environmental Quality. He worked in this position for 14 years and was involved in ground water contamination cleanup projects, landfill design and siting, and on-site wastewater treatment.

Rob earned a bachelor's degree in geophysics from Boise State University in 1986. After working for less than a year at Micron Technology, he returned to BSU to complete a master's degree in geophysics in 1990.

TED HUTCHINSON, Solid Waste Manager for Ada County

Secretary/Treasurer of the Idaho Solid Waste Association

Education

B.S. in Political Science from Boise State University

Experience

Solid Waste Manager for Ada County – 6 months

Deputy Solid Waste Director for Ada County – 5 years

Solid Waste Planner for Ada County - 8 years

Land Use Planner for Ada County - 5 years

Land Use Consultant 22 years

Certificates

Manager of Landfill Operations from the Solid Waste Association of North America

Landfill Specialist from the Solid Waste Association of North America

Attended numerous training courses including Managing Household Hazardous Waste Collection Programs, Landfill Gas Systems, Arid Landfill Design, and Planning.

Lyndon Jenkins

Lyndon Jenkins graduated with a DVM from Texas A & M University in 1984. He practiced veterinary medicine in central Texas outside of Austin for six year in a mixed animal practice. In 1990 he joined the USDA Food Safety Inspection Service starting out at a very large fat cattle slaughter facility in Cactus, Texas for a year. He then spent a year in an old hen slaughter facility in Butterfield, Minnesota; followed by three years filling in for other federal veterinarians who were out on leave and in vacant positions. During that time he operated out of Butte, Montana. In 1995 Dr. Jenkins began working at the old Armour plant in Nampa, an old cow/bull slaughter facility, for the next 11 years. In 2006 he became the Front Line Supervisor for most of the state of Idaho. In 2009 they added the whole state of Idaho to his assigned area.

Megan Keating, IDHW Environmental Program

Megan Keating completed her undergraduate degree at the University of Denver and moved to Boise in 2005 to attend Boise State University where she obtained her Master of Science degree. Megan has worked at the Idaho Department of Health and

Welfare for over 2 years as a health educator. She works for the Environmental Health Education and Assessment program, as well as the Indoor Environment program. In her spare time, she enjoys playing soccer and basketball.

Marv Patten

Marv Patten was born and raised on a family owned and operated dairy farm/milk processing facility located between Boise and Eagle. The facility produced and marketed pasteurized fluid milk products and raw milk.

Marv graduated from B.S.U. in 1972 (when it wasn't called B.S.U.) He has 32 years with ISDA and has been the Bureau Chief of the Dairy Bureau since 1984.

The Dairy Bureau Program includes the sanitary inspection, and product testing, at the farm level through processing.

The Bureau also is responsible for the dairy farm/ Beef CAFO Environmental Program which includes the protection of surface and ground water, and the Dairy Ammonia Control Program.

David Riggs, NEHA Region 1 Vice-President

David Riggs graduated from Ferris State University with a Bachelor of Science in Environmental Health and received his Masters in Science from Eastern Michigan University. Dave has pursued a career in Environmental Public Health for over 40 years. He first worked as the Senior Environmental Health Specialist for the Ann Arbor-Washtenaw County Health Department in Ann Arbor Michigan for 5 years while he completed his Masters Degree. Upon completion of his graduate degree work, he moved with his family to Prineville, Oregon where he served for 13 years as Public Health Administrator for the Crook County Health Department. During that time he developed programs in environmental health, community health and mental health services. Dave then moved to Longview, Washington where he spent 12 years as the Director of the Environmental Health Division for Cowlitz County. He then served as Vocational Training Manager for Tongue Point Job Corps Center where he was responsible for 580 residential students in 17 vocations and high school and GED programs and nearly 50 employees in 12 unions. Dave then served in Wahkiakum County for 8 ½ years as the Environmental Health, Safety, and Water Laboratory

Coordinator. Currently, he is the Public Health and Administrator and Environmental Services Director for the Columbia County Health Department.

Dave has been active both professionally and in his community. He has is a Registered Environmental Health Specialist in Washington, Oregon, Michigan and has National Registration. He is a Professional Member of the American Society of Safety Engineers, Region 1 Vice-President (Washington, Oregon, Idaho & Alaska) for the National Environmental Health Association, Past Chairman and current Trustee of the National Conference of Local Environmental Health Administrators, Past President of the Oregon Environmental Health Association, and current Executive Board Member of the Washington State Environmental Health Association. Dave has received numerous state and national commendations both for this leadership in Public Health Management and Environmental Health Service. Dave is active in the Elks serving as District Chairman for the "Hoop Shoot" Contest in which over 1600 young people from 8 to 13 years old participated in the south district last year. He also belongs to the Eagles Club and is active in his church.

Dave, and his wife June, have 4 children and 6 grandchildren who all reside in Washington and Oregon.

Aaron Scheff, DEQ

Aaron graduated from Miami University with degrees in marketing and geology then headed to Bowling Green State University for a Masters in geology and capped off his education with a Masters in curriculum and instruction from Arizona State University. Aaron manages the Idaho Department of Environmental Quality's (IDEQ) Brownfield Response Program (Program). Aside from providing cost-free site specific environmental assessments, risk evaluations, and cleanup planning at qualifying brownfield sites, the Program is engaged in inventorying brownfield sites throughout Idaho and conducting outreach in urban and rural communities to assist local governments, non-profits, and private entities with their brownfield redevelopment projects. The Program is a member of the Reuse Idaho Brownfields Coalition (RIBC) composed of IDEQ and Idaho's six economic development districts. RIBC manages a \$3,000,000 revolving loan

fund dedicated to providing loans and sub grants to eligible entities in support of brownfield cleanup activities. The Program also coordinates with IDEQ's Voluntary Cleanup Program to implement the Community Reinvestment Pilot Initiative (Pilot), which makes \$1,500,000 in state funds available to private and non-profit entities completing IDEQ-approved cleanups at up to ten brownfield sites state-wide.

Dr. Reza Shams

Dr. Reza Shams is the Vice President of Process Technology at Bio-Microbics, Inc. He has been with Bio-Microbics for over five years developing new treatment systems suitable for the on-site wastewater treatment sector. Prior to joining Bio-Microbics, he was with USFilter, Memcor, Jet Tech and Evirex for nine (9) years, performing equipment and system designs for various processes including SBR and MBR. Before joining USFilter, Reza worked for Black & Veatch Consulting Engineers for six (6) years, performing process design for various liquid and biosolids treatment systems. Reza received his M.S. and Ph.D. in Environmental Health Engineering at the University of Kansas. He is currently an adjunct professor at KU. Dr. Shams has written and presented over 50 technical papers.

Dr. Marilyn Simunich

Dr. Marilyn Simunich, a 1986 graduate of the Louisiana State University – School of Veterinary Medicine. Currently a Veterinary Medical Officer and Section Chief with the Idaho State Department of Agriculture (ISDA), Dr. Simunich serves as the Director for the ISDA-Animal Health Laboratory, the Animal Health Emergency Management program, and acts as a liaison to IDHW for zoonotic disease issues. She recently became a Diplomate in the American College of Veterinary Preventive Medicine.

Dr. Leslie Tengelsen

Dr. Leslie Tengelsen is the Deputy State Epidemiologist for the Idaho Department of Health and Welfare and has been in this position since 1998. She has a PhD in Microbiology from Oregon State University and a DVM from Michigan State University. Dr. Tengelsen spent two years in a fellowship program with the Centers for Disease Control and Prevention as an Epidemic Intelligence Officer prior to coming to Idaho studying arthropod-borne viruses including

West Nile virus in Romania. Dr. Tengelsen wears many hats in the office. Dr. Tengelsen is the lead foodborne epidemiologist for the office and works very closely with the Food Protection Program on all things related to foodborne disease. Today Dr. Tengelsen will be talking about Guidelines for foodborne disease outbreak response published by the council to improve foodborne disease outbreak response, also known as CIFOR.

Brad Tufto, FDA Retail Food Specialist

Brad has been involved in Environmental Health since the early 1980's. He received his BS Degree in Environmental Health Sciences from Indiana State University. Prior to joining the FDA, Brad worked as an Environmental Health Specialist for several local and state agencies in Minnesota, Wyoming and Alaska. Brad is currently part of the FDA's Pacific Region and works very closely with the local, tribal and state health agencies in Idaho and Montana. He enjoys working with the dedicated individuals who are trying to improve the health of their communities each and every day.

Lori Witham, USDA Smuggling Interdiction & Trade Compliance Officer

Lori Witham was born and raised in Helena, Montana. She graduated from the University of Montana in Missoula with a Bachelor of Science in Wildlife Biology. Lori spent seven seasons as a wild land firefighter before acquiring a job with the Montana Department of Agriculture, where she eventually became the Pest Management Section Supervisor. After ten years at the state department of agriculture, Lori took a position with the USDA Animal and Plant Health Inspection Service, Plant Protection and Quarantine. Lori is currently the USDA APHIS PPQ Smuggling Interdiction and Trade Compliance Officer for Montana and Southern Idaho.

Lori and her husband Gabe live in Helena with their two children. She spends her free time coaching her daughter's sports teams, camping, and gardening.

Allen Worst

Allen Worst is an owner and vice president of R.C. Worst & Co. in Coeur d'Alene. R.C. Worst & Co. specializes in water and wastewater pumping, treatment and system configuration, having served North Idaho customer needs for the past 54 years.

Allen received his Bachelor of Science in Business and Human Resource Management degree from the University of Idaho, and also completed his Journeyman Apprentice Electrical Training from North Idaho College. Allen and his brother Ken are third generation owners of R.C. Worst & Co. and grew up learning the business from their father Jim.

Allen is a co-author of a recently awarded patent on a system which improves and simplifies wastewater drip disposal systems.

He is recognized throughout the state of Idaho as one of the premier authorities on wastewater treatment and has recently been appointed to a subcommittee of the Technical Guidance Committee which is tasked to examine Idaho's current setbacks to surface water.

Working closely with the Idaho DEQ and many of the seven Idaho Health Districts, Allen has provided guidance and input from an installer and consumer perspective for the purpose of developing rules, guidelines, and training.

Nelson Fabian

Nelson Fabian serves as the Executive Director and CEO of the 73 year old National Environmental Health Association. Following a nationwide search, he was appointed to this position in 1983 by the association's board of directors. He is the longest tenured executive director that NEHA has ever had. Over his years at NEHA, the association has substantially grown in its membership, its financial viability, its professional staffing and in the number of programs and services it offers.

Nelson has his B.S. degree in (Systems) Engineering from Oakland University and his M.S. in Management Engineering from Wayne State University. He also has additional coursework in philosophy/religious studies from the University of Windsor in Windsor Ontario, Canada.

Nelson serves on several different boards, is the past Chair of the Regional Institute for Health and Environmental Leadership for the Rocky Mountain Region, the past president of the Health and Energy Alliance, the past president of the International Aquatics Foundation and a past advisor to the Denver University Center for Management Development. He has also held elective office, as he

was once a city councilman and mayor protemp for the city of Berkley, Michigan.

Nelson also serves on the Colorado Interagency Committee and the Colorado Business Planning Committee for Pandemic Flu planning. Three years ago he was named by the Journal of Environmental Health as one of twelve national leaders in the field of environmental health.

He authors a regular column in the Journal of Environmental Health and he is a contributing columnist for Association Management - the official journal for the American Society of Association Executives. He is also a guest panelist on the nationally syndicated television shows: Nation's Health Journal and World Business Review

Prior to joining NEHA, Nelson was the Manager for the Department of Environmental Standards and Regulations for the Motor Vehicle Manufacturers Association, the Director for Environmental Health at the Comprehensive Health Planning Council of Southeast Michigan, and a Project Coordinator at the Southeast Michigan Council of Governments. Nelson currently resides in the Denver Colorado area - which is where NEHA is nationally headquartered

IEHA CONTACTS:

Spice Up Your Food!

By Bob Jue, CDHD

The recent Salmonella Montevideo outbreak associated with Daniele Inc. salami products is currently thought to be related to black and / or red pepper supplied to Daniele by one or two suppliers. Depending on the recipe, spices may be a ready-to-eat food. If added to the top of your pizza after it comes out of the oven or sprinkled on a dish as a garnish it should be considered a ready-to-eat item.

We once had an ethnic restaurant in Ada Co that seemed to have one or two foodborne illness complaints of foodborne illness lodged against by one or two diners. This occurred monthly for one or two years. After many on-site investigations where proper cooking temperatures were documented by staff I decided to spend some time in the establishment. Management told me when they normally prepared food and I arranged to be there to watch the process.

What I observed was a hotel pan of ground beef cooked thoroughly, allowed to cool at room temperature to 140 °F and just before the pan was placed into the walk-in cooler, chopped peppers and dry spices were stirred into the beef.

I point out this addition of "contamination" to the meat that allowed bacteria to incubate nicely during the cooling and reheating process. The procedure was changed to add the spices and diced peppers to the meat while it was still above 165 °F, during the

cooking process. This change eliminated the foodborne illness complaints associated with this restaurant and product.

Spices can be heavily contaminated as they are often hand harvested, usually not washed, and may be dried in the open or on the ground (as are raisins?). Irradiation of spices has long been available and perhaps should be the norm for those used where not further heat treatment (or other sanitizing step) is involved.

From the Minnesota Department of Health website:

What foods can currently be irradiated?

Over the years, the United States Department of Agriculture (USDA) and the United States Food and Drug Administration (FDA) have approved the use of irradiation on a variety of food products, for a number of different purposes. Approved applications vary by type of food. The current list includes:

- **Wheat and wheat flour.** Approved in 1963 by FDA to eliminate insect infestation.
- **White potatoes.** Approved by FDA in 1964 to prevent sprouting.
- **Spices and vegetable seasonings.** Approved by FDA in 1983 to eliminate microbial contamination.
- **Pork.** Approved in 1986 by FDA to inactivate trichina (trichinosis) organisms.
- **Fruits and vegetables.** Approved in 1986 by FDA to eliminate insect infestation, delay growth, and maturation of produce.

- **Herbs, spices and dry vegetable seasonings.** Approved by FDA in 1986 to eliminate insect infestation and microbial contamination.

- **Dehydrated enzymes.** Approved in 1986 by FDA to eliminate microbial contamination.

- **Animal and pet food.** Approved in 1986 by FDA to eliminate microbial contamination.

- **Papaya fruit.** Approved in 1987 by USDA to eliminate insect infestation.

- **Poultry.** Approved by FDA in 1990 and USDA in 1992 to eliminate microbial contamination.

- **Fresh red meat.** Approved by FDA in 1997, for elimination of microbial contamination.

Frozen red meat. Approved by FDA in 1997, for elimination of microbial contamination

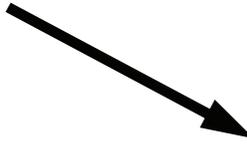
How can I tell if my food has been irradiated?

By law, foods that have been irradiated must be marked with a special logo (right), and labeled with the words "treated with radiation" or "treated by irradiation." Irradiated spices do not need to be labeled if they are used as ingredients in other food products.

Personnel/Personal

Have you met the **new members** of your staff? Have you introduced them to the other districts? Now is the time to do so. Please send a short resume of new faces and job duties, changes in the district, to me, Bonnie Christensen, so I can share with everyone.

Welcome to all!



Attention!

[THIS SPACE CAN BE FILLED, FREE BY YOUR DISTRICT. TAKE 5 MINUTES AND EMAIL THE EDITOR WITH YOUR LATEST CHANGES IN HUMAN RESOURCES or anything else—like an article!!]
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Idaho Environmental Health Association

Deadlines!

We all face deadlines. Some of us are much better at seeing them, some of us are not distracted by other demands and can move ahead. Others cannot ignore those other priorities that creep into our jobs and lives. I understand this.

Hopefully you will make my job easier. Please.....

In anticipation of your submission of your news, articles of interest for the rest of the public health professionals in Idaho and elsewhere, or sharing your expertise and time with your peers, I thank you.

Why not consider submitting an abstract/article to both NEHA and IEHA. I don't mind if you share the same one with them!

Some of your peers have presented at

both IEHA and NEHA. IEHA is a good practice ground for your NEHA experience. Do it! We have as much talent as any other group in the country.

If you have been thinking about a topic that interests you and are becoming "expert" or just have a lot of passion about it, now is the time to step forward. There is no progress without sticking our necks out and taking that first step.

IEHA and the Digest can be that first step for you.

The process can energize you and your fellow health professionals and as Dee Johnson says "It Won't Kill You!" The next deadline for the Digest articles, is April 15 2010
 Your help is much appreciated.
 Bonnie Christensen, Editor.