



# NJEHA *News*

A Publication of the New Jersey Environmental Health Association  
*An affiliate of the National Environmental Association*

Spring 2008

## *President's Message*

It is with sadness that we announce the resignation of our Administrative Assistant, Wendy Reissman. Over the past 1 ½ years that she has been with our organization, she has not only been a superior Administrative Assistant, she also became a personal friend. We wish Wendy all the best as we bid her a fond farewell.

Taking over as our new Administrative Assistant is J. Vero and Associates. J. Vero and Associates provides Administrative Assistant services to companies and associations throughout New Jersey. Their office is located in Freehold, and they offer an entire team of support staff. Since our Administrative Assistant duties fluctuate from month to month, having a team of people available during our busy times (like before our annual conference) will be a major asset.

As you may know, our Association is a member of the Public Health Associations Collaborative Effort (PHACE). PHACE is comprised of seven equal New Jersey public health partners: NJ Health Officer Association, NJ Local Board of Health Association, NJ Environmental Health Association, NJ Society for Public Health Education, NJ Public Health Association, NJ Association of County Health Officers, and NJ Association of Public Health Nurse Administrators. This mission of PHACE is to provide a forum where the interests of all of the different disciplines of public health in New Jersey can be considered, and then present a single united voice to promote the advancement of public health in New Jersey. The first collaborative effort of PHACE will be a conference on September 24, 2008 at Mercer County College. I urge all of you to attend what promises to be an exciting and informative day.

Since the PHACE meeting will be held in September, our annual meeting (normally held in September) has been scheduled for October 16, 2008. We are trying a new location this year - New Jersey Hospital Associations Conference Center located in Princeton. We have a great program planned for that day, so please join us.

I hope that everyone is enjoying a wonderful spring.

## *NJEHA Officers*

Cynthia Weaver ..... President  
William Dotts ..... President-Elect  
Aimee DeLotto.. .....1st Vice President  
Marconi Gapas.....2nd Vice President  
MaryAnn Orapello ..... Secretary  
Kristin Reed ..... Treasurer

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Mary Lou Falco, NJDHSS  
Dwight Gerdes, Ocean County  
Diane Homler, Mahwah  
Randy Moscaritolo, Elizabeth  
Douglas Sheehan, Middlesex County  
Robert Uhrik, South Brunswick  
Harriett Zivin, Retired

## *Newsletter Editor*

Robert Uhrik

## *Contributors*

Aimee DeLotto  
Bill Dotts  
Marconi Gapas  
Mary Hall  
Kristin Reed  
Douglas Sheehan

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**Visit us online:** www.njeha.org

**The NJEHA phone number is:**  
908-232-0112

**The NEW NJEHA fax number is:**  
732-845-0412

## Spotlight on Bob Uhrik

Public Health has been my profession for most of my career. I had first started working in the field of Environmental Sciences just after I graduated Rutgers University. This was during the period just after Love Canal, Three Mile Island, and when Superfund first came into existence. Back then it seemed to me to be the new "sexy science". As a laboratory technician at a couple of environmental testing laboratories, I performed environmental analysis of soil, waste water, and water samples. I actually enjoyed using all of those high tech instruments such as air samplers, pH meters, Gas Chromatography, and a plethora of lab chemicals. My stint as a lab tech was brief due to hard economic times in the early 1980's so I expanded my career search to other related professions.



After finding out that Health Departments were hiring at a time when there was much unemployment and nobody else was hiring, I decided to look into Public Health. One such opportunity was the Environmental Health & Law course at Rutgers. I signed up and have never regretted it. In fact it would turn out that the instructor, whom some of you might recall, Jorge Berkowitz, was fantastic. His passion for the profession and his way of bridging the gap between science and the practical application of science to the world caught my favor. It turned out that I was very lucky to have been a student of Dr. Berkowitz, since the summer class I attended was one of the last remaining classes he taught before he went into the private sector.

When I first got my Sanitary Inspector license, I worked part time for Somerville Health Department. I got onboard at South Brunswick full time and I have been there since, moving up to Senior REHS. South Brunswick has had a blend of everything from the usual complaints and foods to septic, superfunds sites, and groundwater contamination. After more than two decades of Rutgers short courses, public hearings, and three Health Officers, I still find the profession challenging. At this point, I could say I just about have seen it all in the realm of Environmental Health. My previous experience in the environmental lab testing field seemed to give me an advantage when reviewing environmental consultant reports or speaking to high tech R/D directors. I always look forward to using high tech testing equipment.

Working in Public Health has had two appealing aspects. The first is diversity of tasks wherein Health Departments are presented with a constantly changing focus, ranging from matters of community health to environmental protection. The second is field work, which I find can actually be almost physically and mentally exhilarating. Public health

has a seemingly endless horizon of new and emerging issues to work on, especially after September 2001. Best of all, it has always been very rewarding to see the tangible results of my job by helping the people and the community that I serve.

Going beyond my duties at work, I have been involved in the past with a number of special regulatory committees, non-profit organizations, and professional associations. I have sat in on hearings of the NJ Hazardous Waste Siting Commission, the Low Level Radio-Isotope Storage Facility Committee, and NJ Noise Council. I was previously an officer on the Executive Board of NJ Section of the American Water Resources Association. That organization is involved with statewide issues pertaining to water resources in NJ. It is an interdisciplinary association of water resource related professionals such as USGS, USDA, Regional Planners, academia, engineering firms, watershed associations, and of course public health professionals. I became treasurer and eventually was elected President of NJAWRA in 2000. During my involvement with NJAWRA, conferences were held on the topics of geology and public health, unregulated contaminants in drinking water, surface water quality, water supply concerns, and groundwater quality.

I thought I might be able to help out with NJEHA, so in 2004 I mentioned that I would be interested in working on the Executive Council. I was elected that year as a Member-at-Large. I must say that it has been fun working with the NJEHA Executive Council. Naturally with my technical background, I have been helping with NJEHA's Web site and the A/V equipment at our conferences. My activities with NJEHA have included meetings with NJDOP on the REHS title change, PHLIER steering committee rep, and the NJDHSS food best practices committee. Working on statewide committees with other NJHEA Executive Council members, Health Officers, state officials, and REHS's has proven to me that one cannot be "Health Department-centric", as comfortable as that may feel.

When I'm not inspecting for food borne illness risk factors in a restaurant, surveying hazardous waste sites, sampling well water, battling out those endless nuisance complaints, taking noise readings, analyzing lead paint, or investigating a wound of unknown origin, I'm enjoying family life with my wife and daughter. For stress free relaxation, I'm usually measuring the high voltages inside one of my old antique vacuum tube radios or for more excitement I love flying a small rental Cessna airplane over Cape May or the Poconos. I am an avid amateur radio operator, private pilot, bicyclist, computer tech, and occasionally do some, hiking, camping, boating, and motorcycling.

**NJEHA****Financial Report for First Quarter 2008****Business Checking Account**

Starting Balance:	\$26,426.68
Plus Total Credits:	\$48,885.00
Minus Total Debits:	\$11,589.37
Ending Balance:	\$63,722.31

**Gary S. Strauss Scholarship Fund**

Starting Balance:	\$ 6,005.32
Plus Total Credits:	\$ 745.01
Minus Total Debits:	\$ 0.0
Ending Balance:	\$ 6,750.33

**Matthew S. Klein Scholarship Fund**

Starting Balance:	\$ 5,708.77
Plus Total Credits:	\$ 50.47
Minus Total Debits:	\$ 0.0
Ending Balance:	\$ 5,759.24

**ENVIRONMENTAL JUSTICE SMALL GRANTS PROGRAM**

Funding Opportunity Number: EPA-OECA-OEJ-08-01  
Closing Date for Applications: Jun 30, 2008

The EPA's Office of Environmental Justice (OEJ) established the Environmental Justice Small Grants Program (EJSG) in fiscal year (FY) 1994. The purpose of this grant program is to support and empower Communities that are working on local solutions to local environmental and/or Public health issues. The EJSG Program is designed to assist recipients in building collaborative partnerships that will help them understand and address the environmental and/or public health issues in their communities.

Estimated Total Program Funding: \$800,000.00  
Award Ceiling: \$20,000.00

Details at <http://www.epa.gov/compliance/environmentaljustice/grants/ej-smgrants.html>

Laura Livingston, EPA Region 2  
Pesticides and Toxic Substances Branch - Lead Team  
732-906-6998

***Job Openings*****Part Time REHS – West Caldwell Health Department**

The West Caldwell Health Department, serving four small municipalities, seeks a part-time Registered Environmental Health Specialist to work 7-15 hours per week. Active New Jersey REHS license and experience in retail food inspection/complaint investigation required. Interested applicants should send resume to Peter N. Tabbot, Health Officer, West Caldwell Health Department, 30 Clinton Road, West Caldwell, NJ, 07006, fax: 973-226-2396, email: [ptabbot@aol.com](mailto:ptabbot@aol.com).

**Full Time REHS – Lawrence Township Health Department**

Consumer health inspections, complaints, environmental complaints and ordinance violations. \$42,400 ~ \$56,400. Send resume to: Carol Chamberlain, Health Officer, Lawrence Township Health Department, 2207 Lawrenceville Road, Lawrenceville, New Jersey 08648. Or E-mail: [cchamberlain@lawrencetownship.com](mailto:cchamberlain@lawrencetownship.com)

**Manager Food Safety – ACME**

Food safety audits of Acme stores; Coordinate food safety efforts; ...etc. Requires communication and leadership skills; A Bachelor degree in a related field is desired. Apply online at: <http://careers.supervalu.com>

**REHS North Jersey – Kings Corporation**

Corporate REHS and Food Safety Specialist. Compliance inspections and training of food workers at Kings Food Stores in Northern NJ. Bachelor Degree and 5 years experience in food industry including knowledge of food manufacturing. Apply via : [cbliwise@kingssm.com](mailto:cbliwise@kingssm.com)

**Corporate Food Safety Specialist**

NY Metro area HACCP inspections of retail food establishments and commercial food processing plants. Three years experience, computer skills, travel required. Apply via: [ehahr@ehagroup.com](mailto:ehahr@ehagroup.com)

**Corporate Environmental Specialist - Glen Rock**

NY, NJ, & PA Full time environmental field consultant. Bachelor of Science Degree, 1-5 years experience with environmental health, industrial hygiene, or related scientific field. Apply via : [MStanlick@GSEConsultants.com](mailto:MStanlick@GSEConsultants.com)

## *Fourth Annual NJEHA Educational Conference and Exhibition* “The Promotion of Public & Environmental Health”

The Fourth Annual NJEHA Educational Conference “The Promotion of Public & Environmental Health” took place March 2nd–4th, 2008 at the Tropicana Hotel and Casino in Atlantic City, NJ. Despite some growing pains concerning the Tropicana Hotel, this year’s conference came together after a year of careful planning and collaborative effort by the dedicated NJEHA Council Members and Volunteers.



This year’s conference once again offered attendees a diverse array of educational opportunities given by officials and experts from both the private and public health sectors. Whatever your public or environmental health interests or concerns, there were interesting classes to attend and participate in given by knowledgeable and stimulating speakers.

This year’s speakers enlightened us on matters of regulatory concern including exposure to lead, mercury, swimming pool safety, septic systems and youth camps, vector control such as roaches and bedbugs, communications and leadership issues for public health professionals, software for health professionals, public health emergency preparedness, foreign products and food safety, as well as other current and interesting topics.



Attendees also had the opportunity to interact and socialize with fellow conference attendees, speakers, officials, the NJEHA Council Members and Volunteers at Sunday evening’s ice-breaker mixer. New this year was the “tricky tray auction” with exhibitor’s validation of prize cards receiving extra tickets and chances to win. The auction drawings were held during the President’s Banquet on Monday evening.

Monday’s keynote presentation “The Seven Most Important Things I Learned in Environmental Health” was given by Bob Custard, Regional Vice president of NEHA. Bob’s years of public health service and personal experiences from the field, along with his gift for public speaking in a personal way always make for an interesting and thought provoking presentation, and this year was no exception.

Exceptional culinary fare highlighted Monday evening’s awards banquet. NJEHA President Cindy Weaver presented deserving recipients with special Presidential Plaque Awards during the evening. The following recipients were all honored for their exceptional contributions in the field of Public and Environmental

Health: James Brownlee M.P.H, NJ Director, Consumer and Environmental Health Services, Paschal A. Nwako, H.O., and Carl A. Scialfa M.A., Branchburg HD.



This year’s conference and classes wrapped up late on Tuesday afternoon after a fine luncheon. Once again attendees came together in an atmosphere of interactive learning while at the same time enjoying all the fun and excitement that Atlantic City has to offer.

And in conclusion, this year’s conference continued the vision of the past and present NJEHA Council Members and Volunteers who possessed the considerable insight, expertise, energy and determination to create an atmosphere of interactive learning at one location. A vision that truly represented what you, our members, wanted in a continuing education experience. I and the rest of the executive council hope, with your help and support, to continue the tradition and foster enthusiasm for next year’s conference.

Written by: William Dotts  
 NJEHA  
 President Elect



***SAVE-THE-DATES: March 8, 9, & 10, 2009 NJEHA Conference Atlantic City***

## LEGISLATIVE UPDATE

### April 2008

#### NJ Register Vol. 40 No. 7 April 7, 2008

There were no Health and Senior Services or Environmental Protection Rule Proposals in this issue.

There was one Health and Senior Services Rule Adoption: NJAC 8:94 Administration and operation of the NJ Commission on spinal cord research - research fund - injury registry. Adopted 2/20/08

There was one Environmental Protection Rule Adoption: NJAC 7:7 and 7:7E Coastal permit program rules and coastal zone management rules - prime fishing areas. Adopted 3/5/08

#### NJ Register Vol. 40 No. 6 March 17, 2008

There were no Health and Senior Services Rule Proposals in this issue.

There were two Environmental Protection Rule Proposals in this issue:

Register of Historical Places - proposed re-adoption with amendments NJAC 7:4 and proposed new rules NJAC 7:4-8.4 through 8.9

Water quality - pollution discharge elimination system - proposed re-adoption with amendments NJAC 7:14A, proposed new rules NJAC 7:14A-2.15 and 20.12

There was a Community Affairs Rule Proposal of interest: Carnival-Amusement rides - Water Amusement rides Proposed new rules and amendments (NJAC 5:14A) would create requirements for the design and operation of water amusement rides in NJ.

There was one Health and Senior Services Rule Adoption in this issue:

Hospital licensing - mandatory staff level posting and reporting standards New rules NJAC 8:43G-17A and amendments NJAC 8:43G-1.2 Adopted 3/17/08

## PROPOSED NEW RULES FOR

### TANNING FACILITIES

The NJ Register dated March 3, 2008 had a Health and Senior Services rule proposal for tanning facilities. Proposed new rules NJAC 8:28 would establish safety, sanitation, and record-keeping requirements for the operation of indoor tanning facilities that use ultraviolet sunlamp products. The new rule would set forth standards for registration, inspection, and enforcement authority.

The proposed new rule includes the following:

A warning sign titled "Danger-Ultraviolet Radiation" would have to be conspicuously displayed.

Minors under the age of 14 would be prohibited from the use of sunlamps and parental consent would be required for minors aged 14-17.

Tanning equipment surfaces that contact the consumer would have to be cleaned and sanitized after every use.

The owner of the facility would have to certify that all equipment operators are adequately trained.

The owner would be required to submit an annual registration application and fee to NJDHSS.

The NJEHA Executive Council asked for comments regarding the proposal. Several members are concerned that the disposal of ultraviolet lamps is not addressed in the proposed rules. The lamps are considered hazardous waste and require special disposal as per NJDEP regulations. NJEHA president Cynthia Weaver has written a letter to NJDHSS stating that the DEP regulations should be referenced in NJAC 8:28.

Written by: Douglas Sheehan

For further information on these (or any other) legislative issues you may contact Douglas Sheehan at: [doug.sheehan@co.middlesex.nj.us](mailto:doug.sheehan@co.middlesex.nj.us)

### *Apply For a Scholarship or Honorarium*

**The Gary S. Strauss Memorial Scholarship** provides a maximum individual scholarship award not to exceed \$500.00. Successful applicants must be pursuing an undergraduate or graduate degree in the health sciences.

**The NJEHA Honorarium** provides a maximum award of \$250.00, which helps defray the cost of attending a conference pertaining to environmental health. Winners of an honorarium are required to write an article for our newsletter or present their findings to the general membership. Contributions should indicate what information and knowledge was obtained from the conference.

For more information, contact us at: NJEHA – PO Box 527, New Brunswick, NJ 08903-0527 or at [njehainfo@yahoo.com](mailto:njehainfo@yahoo.com)

## Lead-based paint hazards revisited

**Written by: Marconi Gapas**  
**NJHEA 2nd Vice President**

Lead-based paint applied to housing and other buildings prior to the 1978 ban on residential leaded paint by the Consumer Product Safety Commission (CPSC) remains the most common source of lead exposure in the environment of U.S. children. However, CPSC lists of merchandise that contain lead continue to grow in number and type. These items can include imported candy, folk remedies/cosmetics, lunch boxes, toys and metallic trinkets manufactured in countries where government lead regulations are limited or nonexistent.

As the list of potential sources of lead exposure grows, public health professionals face the challenge of managing pediatric interventions in light of strengthening evidence that children's physical and cognitive development can be impacted upon at blood lead levels less than 10 ug/dl. In the November 2, 2007 issue of the MMWR a summary by the CDC's Advisory Committee on Childhood Lead Poisoning Prevention featured the review of scientific literature that concluded that an inverse relationship exists between blood lead levels and cognitive function with no evidence of weaker associations in populations with lower blood lead levels (i.e. < 10 ug/dl). Cited research included a study out of Rochester NY where the IQ and blood level relationship was described by a nonlinear negative association with a decrease in 7 IQ points over the first 10 ug/dl increase in lifetime average blood lead concentration (Canfield, 2003).

Follow up to the CDC's summary included strategies for clinicians and public health professional as they manage elevated blood lead cases. They called for greater understanding of laboratory error range for blood lead values and recommend that clinicians select laboratories that achieves routine performance within plus or minus 2 ug/dl (MMWR, 2007). Furthermore, it is stressed that case managers (whether Clinician, Public Health Nurse, Health Officer or Registered Environmental Health Specialist) obtain and share information gathered on the child's environment taking note of cultural influences that may put into question sources other than lead based paint.

In view of the child's environment and other sources, NJ Health Officers and Registered Environmental Health Specialists have shared their experience investigating Middle Eastern eye cosmetics available in the community that were

found to contain lead. There have been discussions over cosmetics such as Surma and Kohl, a grayish or black eye cosmetic, (applied in a similar manner to eyeliner) which can contain up to 80 % lead (Kahn, 2007). Other examples of lead contaminated materials discussed at previous NJEHA conferences (that may or may not been associated with an exposure) include incense burnt in ritual, imported spices and ointments.

Conceptually, environmental lead exposure in children poses a relatively clear problem when dealing with lead-based paint hazards, be it chips, dust or contaminated soil. However, in the event where lead-paint hazards are not found public health professionals face the challenge of identifying sources with links to household items of a more personal, possibly unfamiliar nature. As members of NJEHA we benefit from the experience of our fellow professionals as public health systems through out the state continue to treat children for lead poisoning.

Canfield, R. L., et al. (2003). Intellectual impairment in children with blood lead concentrations below 10 ug/dl. *New England Journal of Medicine*, Vol. 348 (1517-1526).

MMWR (November 2, 2007). Interpreting and Managing Blood Lead Levels < 10 ug/dl in Children and Reducing Childhood Exposures to Lead: Recommendations of CDC's Advisory Committee on Childhood Lead Poisoning Prevention - MMWR Dispatch (CDC), Vol. 56 Atlanta Georgia.

Kahn, A. N. (June 2005). Lead Poisoning: A historical perspective. March 25, 2006, from <http://www.emedicine.com/radio/topic386.htm>.

### **GOVERNOR SIGNS EXECUTIVE ORDER TO BETTER PROTECT CHILDREN FROM LEAD HAZARDS**

TRENTON – Stressing the need to protect the health of New Jersey's children and building on a report by the Public Advocate, Governor Jon S. Corzine signed an Executive Order on April 29, 2008 to significantly strengthen efforts to eliminate lead exposure hazards.

This Order has a large potential impact on affected Local Health Departments—please see the NJEHA web site for the full text of the order.

***Annual Meeting, Awards Ceremony & Pesticide Re-Cert. October 16, 2008 Princeton, NJ***

## Personal Impressions of the NJEHA 2008 Conference

Written by: Mary C. Hall, REHS

I welcomed the event, as I had not been in touch with most everyone in the field since I was part of a workforce reduction in 2007. It was refreshing to see many friends and co-workers again.

I attended the "Rain Gardens & Ground Water Recharge" course. This was the first time I was introduced to what Rain Gardens are. Rain Gardens are a way individual homeowners and businesses can create a garden on their property that will help alleviate many problems caused by untreated rainwater runoff. Creating your own rain garden was something new and easy to do.

The evening Icebreaker Mixer and Exhibitor Grand Opening was alive and active with many members present and participating. Full conference registrants only were allowed to attend, and it was well worth the money. I was able to get reacquainted with members whom I have not seen in over a year. It was great. I knew I missed the networking and just plain being able to talk to people who understand the REHS' importance.

Oh, yes, the drawing for the "Tricky Tray Gift Auction" was as entertaining as rewarding for members and myself. I never saw so many gifts donated by so many contributors, than was present on the table the evening of the drawings. The chances of winning were high, since so many gifts (my count was at 41 gifts), were present and available to choose from, and, it made the evening exciting in anticipation as the numbers were drawn and prizes were collected by the winners. Personally, I had my eye on the Eli Manning poster. So, I dropped more of my tickets into that bag. The poster is signed by Eli Manning! But, alas, I did not win that one, but I did win four gift certificates for the Trenton Thunder. The certificate is good for the 2008 season. A couple of baseball fanatic friends of mine, are ready to go.

The food was mouth-wateringly delicious. No complaints from me on that one. Kudos to the chef(s). It was first class all the way. Since I had signed-up for the whole conference, I was able to grab a bit of food at each chance offered. It was more than a bit, by the way. Like I said, the food was delicious.

Attendance at the two day course for "Preparation for Risk-Based Retail Food Inspection Standardization" was my next objective. Food Inspectors will be able to inspect facilities in a uniform manner. This training is essential to food inspectors for now and the future. Based on Chapter 24, the goals of standardization are to promote uniformity in inspection methodology, in interpretation and the enforcement of the Rule in Chapter 24. Proper uniform interpretations of the Food Code by all Inspectors is the goal. Inspectors are required to take the pre-standardization course to become standardized. For those who have not taken this course, I strongly recommend you consider it in the future.

All the courses offered were of interest to me, but I would have had to be in three places at the same time, to be able to attend them all. There was so much going on at the same time that I was overwhelmed a bit, but it was all immensely educational, and relevant to the growth in the REHS' regulatory expertise.

Oh, another great benefit of attending the Conference, was the ability to network with several individuals. Networking events are so much appreciated and needed by our membership during these times of governmental trends toward hiring freezes and budgetary cutbacks.

All in all I was satisfied with the Atlantic City Conference. Great appreciation should go to our NJEHA Executive Council Members for a job well-done.

### Book Review

#### **"Bed Bug Handbook - The Complete Guide to Bed Bugs and Their Control"**

Authors: Larry Pinto, Richard Cooper, Sandy Kraft.

ISBN 978-0-9788878-1-0.

Publisher: Pinto and Associates, [www.techletter.com](http://www.techletter.com).

By Aimee DeLotto

Rating: ★ ★ ★ ★ ★

With bed bug infestations on the rise in residential, commercial, and healthcare settings, public health officials are in dire need of a definitive reference on this insidious pest. The "Bed Bug Handbook - The Complete Guide to Bed Bugs and their Control" definitely fills that need. The book is exactly what the title says, a very complete guide that addresses the myriad issues associated with bed bugs and their control. Each of the three authors has extensive pest control experience. Richard Cooper in particular is considered one of the pest control industry's leading experts on bed bugs.

The combined expertise of the authors is apparent throughout the book. Identification, biology, habits, history and the suspected reasons for the recent rise in bed bugs are all covered in impressive detail. The book also covers bed bug prevention, inspection techniques, and safety concerns for inspectors. Various bed bug control methods are discussed, including insecticides and non-chemical methods such as heat and cold treat-

ments. In addition to detailed pest control information, the authors also discuss other aspects of bed bug infestations, such as medical, social, and business concerns, as well as legal and ethical issues associated with bed bugs.

The book is written in a straightforward, no-nonsense manner that makes the material accessible to a variety of types of readers. Although written for those with an education in pesticide management and/or public health, the average layperson would also find much of the information useful in both residential and commercial settings. The many black and white photographs throughout the book are very helpful in representing a variety of conditions that one may expect to come across in the field. The group of color photographs towards the beginning of the book depicting each of the life stages of bed bugs, bed bugs in minuscule hiding places, and bites on humans are especially informative. Perhaps one of the most innovative features of the book is the collection of checklists that provide guidance towards preventing or eliminating bed bugs in a variety of residential and commercial settings.

As with most public health issues, the time to become educated on bed bugs is before that knowledge is called into action. Bed bug infestations are particularly offensive to the public, extremely difficult and costly to eliminate, and the public health implications of these infestations can be staggering. Accurate knowledge regarding bed bugs is essential for any public health official that may be required to enter the living quarters of a member of the public. This includes health inspectors, as well as public health nurses, housing inspectors and animal control officers. Individual health departments should give serious consideration to obtaining this book as a reference.

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