

Getting Rid of Bed Bugs / Keeping Them Out!

Sustainable Elimination through Integrated Pest Management

A unique workshop with a clear IPM Focus

Toronto - March 15 - 16, 2011

Key Speakers

Clive Boase, *Pest Management Consultancy, UK*
Changlu Wang, *Rutgers University, New Jersey, U.S.A.*
Allison Taisey, *North East IPM Centre, Cornell University*
Local Experts (*see Speaker Bios*)

Practical Focus on how to get rid of bed bugs

Best practice IPM Approaches – how, why, who

PLUS: An overview of the latest information on bed bug management from recent conferences (EPA Second Bed Bug Summit, Entomological Society of America Annual Conference)

Who should attend?

- Property Management & Building Maintenance Management/Supervisors/Key Staff
- Tenant Representatives and Support Groups
- Hotel Managers/Maintenance Housekeeping Managers/Supervisors
- School Environment Managers / Key Staff
- University/College Residence Managers/Key Staff
- Purchasing/Procurement who procure pest control services
- Community Care Support Agency Managers/Supervisors
- Public Health & Community Health Agencies/Promoters
- Municipal Property Standards Officers
- Legal Aid Counsel / Landlord Counsel/ Landlord Tenant Board

The workshop is a comprehensive overview of bed bug management issues, difficulties and solutions. There is no easy solution to bed bug problems - no silver bullet, no quick fix, or one time full scale building treatment. This workshop offers an educational opportunity that will provide attendees with clear conceptual understanding of the problem, and of solutions that WORK through common sense, knowledge and co-operation. Our goal is for this workshop to be a revelatory experience in learning for attendees building on what they know, and clarifying the frustrations experienced from ineffective programs, as well as preparing them for a strong model of prevention, and reduction of the need for heavy use of pesticides and disruptions.

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Tuesday , March 15, 2011

8:00 am - 8:30 am	Registration/Continental Breakfast
8:45 am - 9:00 am	<p>Opening Comments Peter Pavlovic Quality of Life in Housing and Accommodations The Responsibility of Management in Leadership</p>
9:00 am - 10:00 am	<p>Clive Boase An overview of how bed bugs made their comeback Where did we fail Resistance issues What can we do now</p>
10:00 am - 10:15 am	<p>Sam Bryks What is Integrated Pest Management? Paper tigers vs Best Practices</p>
10:30 am - 10:45 am	<p>To Be Announced Reducing risk of pesticide use in interior environments Getting better products and methods for bed bug control</p>
10:45 am - 11:00 am	<p>Geoff Cutten The revised Pesticide Act Product classifications Who can do what The importance of education of users</p>
11:00 am - 12:00 pm	<p>Changlu Wang Bed Bug Biology and Behaviour IPM for Bed bug Management in Non Profit Housing Comparisons to traditional treatment</p>
12:00 pm - 1:15 pm	Lunch Break
1:15 pm - 1:30 pm	<p>Sam Bryks Detail and Quality of Services Fair price for fair services Real and phoney warranties</p>
1:30 pm - 1:45 pm	<p>Allison Taisley Preparation Issues - Its tough but not impossible Facilitating Co-operation - Who does what.</p>
1:45 pm - 2:45 pm	<p>Changlu Wang Prevention of Recurrence Best Practices, Detection tools</p>
3:00 pm - 3:45 pm	<p>Allison Taisey Education in IPM Program Facilitation Train the Trainers</p>
3:45 pm - 4:00 pm	<p>Sam Bryks Bed Bug Scent Detection Dogs Does it pay to buy a dog? Best Practices/Value / Pitfalls</p>
4:00 pm - 4:30 pm	Panel Discussion/Questions

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Wednesday , March 16, 2011

7:30 am - 8:00 am	Continental Breakfast	
8:00 am - 8:15 am		Sam Bryks Accountability and Synergy in IPM Practices The common missing link - "it's not your job, it's everyone's job!" Innovation Diffusion
8:20 am - 9:30 am		Clive Boase Managing Bed Bugs in the Hospitality Industry and University Residences Managing Risk and Reputation Customer service approaches
9:35 am - 10:30 am		Harry Fine and Kenneth Hale Legal Considerations balancing tenant and landlord rights Avoiding the blame game - Defence through Accountability, Education, Facilitation and Mediation
10:30 am - 10:45 am	Break	
11:00 am - 12:00 pm		Allison Taisey and Sam Bryks Bed Bugs in the School Environment Reactive vs Pro-active Approaches The school as advocate for children living in infested homes IPM in Schools
12:00 pm - 1:15 pm	Lunch Break	
1:15 pm - 2:00 pm		Bruce Klassen & Sam Bryks Heat Treatment Major and minor treatments (big and small systems) Practicalities and Costs of Treatment Whole building treatments in an IPM Context
2:00 pm -2:30 pm		TBA The Role of Public Health and Property Standards & Licencing
2:30 pm - 2:45 pm	Break	
2:50 pm - 3:15 pm		Allison Taisey Facilitation of Extreme Cases: Hoarding and Special Cases Bed Bugs in the Workplace Replacing Fear with Enablement
3:15 pm 4:00 pm		Clive Boase The Importance of Legislation and Education to Enable a Societal Response Setting IPM Standards and Stakeholder Accountabilities
4:00 pm - end (4.30 pm)	Panel Discussion/Questions	
	Closing Comments	

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Workshop Speaker Bios



Allison Taisey, *North East IPM Centre, Cornell University*

Allison holds a B.Sc. in Entomology and MA (Teaching) in Biology Education from Cornell University. She is Project Coordinator for the Northeastern IPM Center at Cornell University. Allie is currently working under a HUD-USDA interagency grant with 14 housing authorities to implement IPM at one AMP (Asset Management Property) per housing authority. Allison also works as a consultant with the National Center for Healthy Housing on their IPM projects and has organized and conducted training for pest management professionals. Allison's earlier work helping poultry farmers with bed bugs brought her into urban entomology. Allison has been involved in developing excellent IPM programs and has a wide experience in IPM program implementation.



Changlu Wang, *Ph.D. Rutgers University, New Jersey, U.S.A.*

Changlu Wang, Ph.D., is an expert on urban insects and has conducted much practical field research on best approaches to control of such pests as ants, termites, cockroaches, and bed bugs. He has published more than 40 items on pest management including chapters in books, and research articles in scientific journals. He conducts research on new and improved technologies to control urban pests using cost-effective and environmentally friendly solutions as part of an IPM program approach. He has demonstrated the superiority of IPM over traditional pesticide based treatments. Dr. Wang has given many presentations and training to pest management professionals and the public on pest prevention and control. Changlu worked with Professor Gary Bennett at Purdue University, and currently works at Rutgers University, New Jersey as an extension specialist. Among his research projects are the development and implementation of new reduced-risk insect management strategies for urban pests and best practice use of bed bug detection tools to enable early detection.



Clive Boase, *Pest Management Consultancy, United Kingdom*

Clive Boase is a Fellow of the Royal Entomological Society, a Practising Member of the Academy of Experts, and a consultant member of the British Pest Control Association.

Clive has been deeply involved in the bed bug resurgence from the start and has written some of the most important and insightful papers on the causes of this global bed bug crisis. He has worked in addressing bed bug issues in housing and the hospitality industry and is known for innovation and common sense solutions within the context of Integrated Pest Management concepts.

Clive Boase is on the Executive Committee of the International Conference on Urban Pests, is Technical Consultant to International Pest Control journal, an examiner for the Royal Society for Public Health and

the British Pest Control Association, Secretary to the United Kingdom Mosquito Association, and chaired the European Society of Vector Ecology meeting in Cambridge in 2008.

Clive was awarded Syngenta's Keith Cleverly award in 2007 for long-term contributions to the pest control industry, and was elected to the Pest Control News Hall of Fame in 2008 for contributions to the European Pest Management Industry. Clive is also well known to the leading experts in this area in North America.

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Peter Pavlovic

Mr. Pavlovic worked for 18 years as a senior manager with the City of Toronto, managing mostly non-profit seniors housing. He was known for his commitment to tenants in ensuring a high quality of living space, and community development as well as being a high performance manager in fiscal issues.

After leaving housing, Peter completed a double major Honours Degree Program at York in Political Science and Administrative Studies (Public Administration and Management).

He also studied at the Schulich School of Executive Education at York University, as well as completing the Business Administration program at Seneca College. He also completed the licencing and Real Estate Council of Ontario compliance courses at the Ontario Real Estate Association. Peter's knowledge in his discipline both practical and theoretical is exceptional. He operates his own consulting and real estate business.



Geoff M. Cutten

Geoff Cutten is a graduate of the University of Guelph. Prior to joining the Ministry of the Environment as an entomologist in 1979, Geoff worked in the structural pest control industry for several years.

His work in this capacity at the Metro Toronto Zoo involved innovative Integrated Pest Management approaches in a highly sensitive environment. Geoff has been involved in developing Pest Management educational literature, as well as in the study material for exterminator's licences. Geoff now holds the position of Senior Pesticides Regulatory Scientist with the Ministry's Pesticides Section, Standards Development Branch. Geoff has an extensive knowledge of provincial pesticide legislation and urban pest management and is currently on an intergovernmental committee addressing the bed bug issue.



Sam Bryks, PM.Sc. B.C.E.

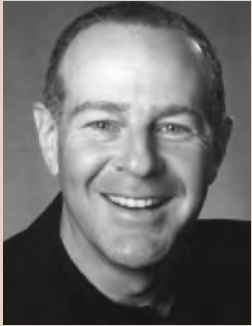
Sam completed his M.Sc. in 1971 working on relation of asbestos to lung disease. His career then digressed to a stint in a family business involving manufacture of furniture after which he sold books to schools across Canada. Due to a long interest in biology and insects, he joined a national pest control company (Abell Pest Control) as Branch Co-ordinator in 1979 and became their quality assurance manager focusing on customer service and excellence in pest management through IPM approaches. In 1987 Sam joined Metro Toronto Housing Authority to lead their new Integrated Pest Management program, and has been a leader in IPM in Housing since. Sam is a Board Certified Entomologist, and has been involved in many aspects of Urban Pest Management. He was a two term member of the Ontario Pesticides Advisory Committee of the Ministry of

Environment, and also served on the board of the Ontario Food Protection Association. He wrote a book on IPM in Housing in 2000, which has been recognized as a valuable resource in this area. Sam taught Food Plant Sanitation at Seneca College for many years, and has given numerous presentations and training on IPM and more recently on IPM in Managing Bed Bugs. He was one of the key speakers at the first Town Hall Meeting on Bed Bugs in Toronto and at the Mike Colle Bed Bug Summit at Queen's Park in 2010. He recently wrote a Bed Bug ToolKit on behalf of Housing Services Inc and the Ontario Non Profit Housing Association. Sam organized this workshop because of a recognized need to put more emphasis on IPM in Bed Bug Management.

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Harry Fine

Harry Fine, a former adjudicator with the Ontario Rental Tribunal (now the Landlord Tenant Board), respected as one of the Tribunal's top Members launched a Landlord Support Paralegal Service, Landlord Solutions after leaving the Tribunal. Harry represents landlords in various aspects and provides a wide range of services and training. He has acted on behalf of landlords in bed bug related actions and seeks fair treatment of landlords who are often blamed for bed bug issues. Harry presents a perspective on managing this issue in a balanced fashion in which landlords and tenants must take co-operative responsibility in their roles in prevention and elimination of bed bugs to the benefit of all tenants in a site, and protection of landlord interests in managing a profitable business that is threatened by the resurgence

of bed bugs.

Kenneth Hale, *Director of Advocacy and Legal Services* *Advocacy Centre for Tenants - Ontario*

Bio pending

Bruce Klassen, *President* *Heat-Assault*

Full Bio pending

Bruce is owner of Crown Construction Equipment based in Winnipeg Manitoba.

His awareness of the bed bug crisis and his insight resulted in the application of a known heat generation technology to highly effective use for total bed bug elimination in structures and container heat "fumigation". This has resulted in the creation of Heat-Assault, a new firm dedicated to effective total bed bug elimination.

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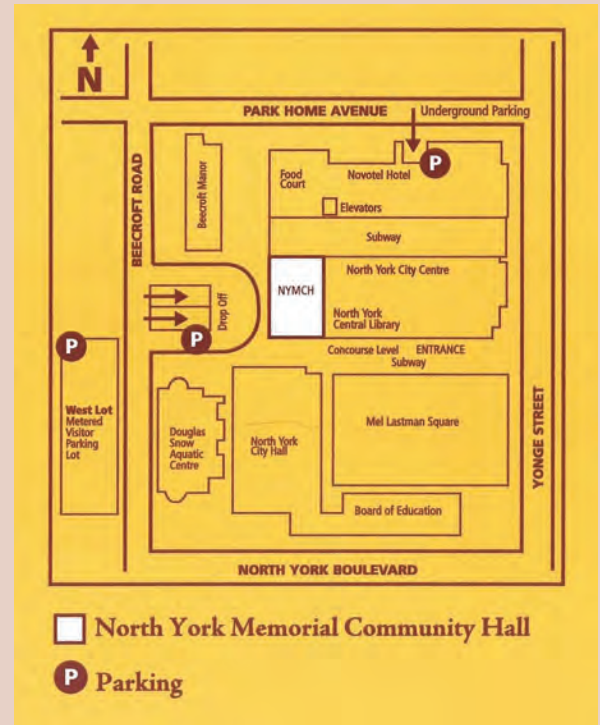
Location

North York Memorial Community Hall

5110 Yonge Street, Toronto

Lower level - North York City Centre

North York Memorial Community Hall is easy to get to. Located on the Yonge Subway line, with direct access from the North York City Centre station, in the North York City Centre. It is also steps away from the North York Civic Centre. If you drive, North York Memorial Hall is located four blocks north of Sheppard on the West Side of Yonge Street. There is plenty of public parking on North York Boulevard, Park Home Avenue and Beecroft Road.



Cost

Lunch and refreshments will be provided. You can also pay by cash or personal cheque at the door, but as there is limited seating we suggest you book online ([www. ipmconsultancy.com](http://www.ipmconsultancy.com)) before the event.

2 Day Full Workshop - \$250 plus applicable taxes

1 Day Only Workshop - \$175 plus applicable taxes