

# EXPOSURE

The official magazine of

**BOHS** The Chartered Society for  
Worker Health Protection  
Issue 1 2017

Annals of Occupational Hygiene:  
2016 Performance and Activity

HCLG Summit in London

OH2017 Professional Development  
Courses

OH2017 Warner Lecture -  
Martin Coyd OBE

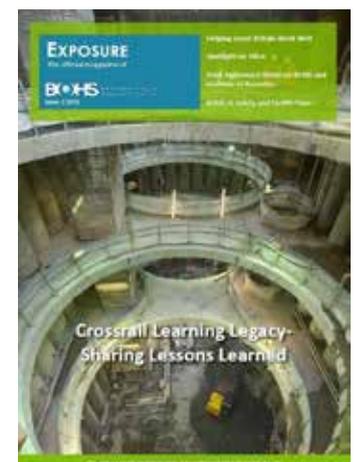
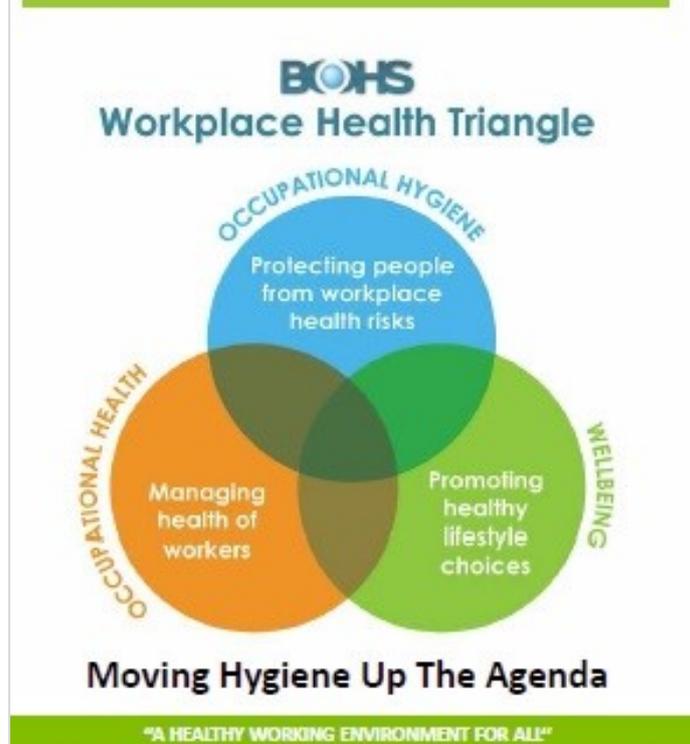
## Action on Mental Health in the Workplace

“A HEALTHY WORKING ENVIRONMENT FOR ALL”

# EXPOSURE

The official magazine of

**BOHS** The Chartered Society for  
Worker Health Protection



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The views expressed in this issue are not necessarily those of BOHS Council.

### *Dear Readers*

Happy new year to you all.

In this edition, we are focusing on mental health; in our article on the OH2017 Warner Lecture on page 12, Martin Coyd OBE will explain what we can do to improve wellbeing and mental health in the construction sector. Within this area and beyond, we all must play a part in supporting each other and to promote positive mental health everywhere.

Features in this issue includes a summary of the recent Health in Construction Leadership Group (HCLG) conference in London where a mental health programme called *Mates in Mind* was launched and the 2016 performance and activity of the *Annals of Occupational Hygiene* (now called *Annals of Work Exposures and Health*). We also have details of professional development courses at OH2017 – an excellent way to improve your skillset and to earn CPD points!

In other news, Tracey Boyle details her trip to Australia to attend the AIOH conference in December with the theme on “Hygiene that Works”. Steve Perkins discusses various topics such as regional teams, volunteering and FAAM (Faculty of Asbestos Assessment and Management) feedback in his column. We also have our usual Head Office team updates.

We sadly announce the recent passing of two individuals who have both made a huge impact within the industry: Max Lopacki and Frank Gill. Max was the director of NATAS, one of our asbestos training providers and Frank Gill was a former President of BOHS from 1988-1989. We pass our greatest sympathies to their families. Their obituaries can be read on pages 23 and 24.

Another big announcement is the departure of Sharon Brunt, our Communications and Marketing Manager who will leave BOHS at the end of March. Sharon has been an integral and significant part of the organisation, working hard to bring much attention to BOHS’ causes and initiatives. We will miss her bubbly personality and humour as she steps into the next chapter of her life.

Lastly, as Steve mentions in his article, it is important for members to become and stay connected to each other. Many members are lone professionals, thus, creating a support network will help foster social bonds with one another. This social aspect is just as important as the technical.

Happy reading and see you all soon.

*The Exposure Team*

## Cover Story

Page 12

OH2017

Warner Lecture -  
Martin Coyd OBE



Improving mental health and wellbeing in the workplace.

## Contents

### Regulars

- 4 From the President
- 5 Change4Good
- 8 Communications and Marketing Update
- 10 Member Services Update
- 11 Qualifications Update
- 20 HSE News

### Features

- 14 *Annals of Occupational Hygiene:* 2016 Performance and Activity
- 19 Inhaled Particles event in September
- 23 Obituary: Frank Gill
- 24 Obituary: Max Lopacki
- 26 OH2017 Professional Development Courses
- 29 HCLG Summit in London

**Copy deadline for contributions for the  
April issue of Exposure:  
9th March 2017**

**Please send contributions to  
exposure@bohs.org**

**From the President**  
*Tracey Boyle*



In my previous column, I mentioned that I was writing it while on a plane to Australia for the AIOH conference. So, I thought I would write a piece about the conference. "Hygiene that Works" was this year's theme and there were plenty of presentations to support this topic. It was all about the practical application of the occupational hygienist's knowledge of controls and what works in the workplace.

Following the opening address by the then current President, Caroline Langley, Dennis Driscoll gave the keynote "Hearing Loss Prevention", explaining what it is, what does it cost and what does it take to succeed. He was very passionate about hearing loss prevention, providing examples of effective hearing loss prevention programmes and the associated costs. He also gave a very personal illustration of the effects of hearing loss on daily life.

He was followed by Peter Wilson, well-known for his practical and entertaining presentations on noise control solutions to BOHS conference-goers. His presentation at the Australian conference was on hand-arm vibration (HAV) management and the dispelling of



several HAV management myths - equally as entertaining and informative as his noise control presentations.

Probably of slightly less immediately obvious practical application to us here in the UK was a presentation on reducing exposure to isocyanates during surfboard blanks manufacture! Of course, the programme of controls implemented was eminently applicable to similar operations here in the UK. The solutions were practical and they worked, as demonstrated by the results of monitoring following implementation.

I think the prize for the most intriguing title for a talk has to go to Dr Ian Gardner for "Green Testicles and other stories". The talk was as entertaining as the title suggested it would be.

It was interesting to note that the subject areas that occupy many of us here in the UK are very similar to those on the other side of the world: diesel fumes, skin exposure and surveillance, metal working fluids and the use of biological monitoring in assessment.

Attending the AIOH conference also gave us the opportunity to have a tri-lateral meeting between BOHS,



AIOH and AIHA. We each gave an update on our Society's work and discussed how we can continue to collaborate together and support each other's initiatives.

AIOH are fantastic in attracting sponsorship which allows them to support many awards and bursaries for occupational hygienists. AIOH also launched a charitable foundation at this year's conference to promote education and training in occupational hygiene principles, support research and to develop affiliations with government agencies, industry bodies and unions.

The social side of the Australian conference deserves a mention. I had been warned by past Presidents of BOHS that the social side is full-on and so it proved to be. We were incredibly well looked after by AIOH and had great fun alongside all the learning. The 3M Night at the Races will not easily be forgotten. Thanks to Caroline Langley, Phil Hibbs (now President of AIOH) and the rest of the team for a superb conference in all respects.



**Change4good**

*Steve Perkins, Chief Executive*



**BOHS Regions**

As we swiftly move into the new year, I'm continuing a series of regional meetings which I've been undertaking with Karen Bufton, our President-Elect. I'm presenting on the BOHS 2016-2020 strategy and some of our new key Initiatives; whilst Karen is taking an interactive look at the whole topic of volunteering.

One downside to the growth and opportunities for BOHS over the last few years for me has been the pressure on my time restricting me from meeting as many members as I would like to. Therefore, it's been a real pleasure to get out and about around the UK as part of this planned series of meetings in 2016/17. So far, I've been to meetings in Cardiff, Newcastle, Ellesmere Port and London with Belfast and Perth coming up this month and next.



**Regional Teams**

As a relatively small UK professional body, BOHS has a strong and vibrant regional structure with a great team of regional organisers. This hasn't always been the case. Back in 2009 - when I arrived at BOHS - I remember in my first year how most weeks we'd be dealing with one 'crisis' or another in the leadership (or lack of) for a particular region!

I'm pleased to say we've moved on from those days and now, in a number of regions, we have a leadership team alongside the regional organiser. This means the organisational workload can be shared amongst a number of volunteers, and ideas for the programme can be generated in collaboration rather than isolation.

If you've never volunteered before, but are thinking about it, joining a regional team in this way can be a great start and not too onerous on your time. It will also help you build your network of local professional contacts.

**Getting Connected**

One thing that's come over to me strongly at all the regional meetings has been how important it is for members to become, and stay connected, to others. There's obviously a professional aspect to this in terms of being able to discuss technical issues and having routes to get technical help. However, there's also a community aspect. We all need to know that we are part of something bigger. Very often, our members can be 'lone professionals', either working as consultants or as the only hygienist in a larger organisation. Connecting at regional level provides a sense of community.

**"The social aspect is as important as the technical"**

It was great at the recent London, South and South East Regional meeting to chat with members over a buffet after the talks. Everyone stayed for that part even though time was getting on. The social aspect is as important as the technical in many ways.



We've noticed this again in a different setting at the Annual Conference over the last few years. Positive feedback from delegates shows how much they value the social alongside the science. That's why we've been pleased to make the Casella Social a regular part of the event now alongside the Gala Dinner. And Marie and her team are always looking at ways to improve this side of the programme even more!

**Breathe Freely and Volunteering**

It's been interesting to see people's reactions to Karen Bufton's talk as she's asked about the type of volunteering people have done, both within and outside BOHS.



Within BOHS, there's a huge variety of volunteering going on, but it's evident that our Breathe Freely initiative over the last couple of years has stimulated a whole new wave.

At every meeting I've been to, there have been examples of people presenting external talks, serving on a working group to develop materials and helping on stands at roadshow events. It used to be said that volunteering was always done by the 'usual suspects', and I'm pleased to say, this is still the case! However, the Breathe Freely team, under Mike Slater's able leadership, has done a great job of drawing in a whole new wave of members to participate in the initiative.

**“I’ve also picked up on the pride that members feel in being involved in a BOHS initiative”**

In some ways, this has been as significant as the campaign itself. We know that our members are our strength, but that strength has to be mobilised for it to be realised. Breathe Freely has certainly done that in construction and we want to see a similar effect as we move into manufacturing next.

I’ve also picked up the pride that members feel in being involved in a BOHS initiative that’s making a direct difference to worker health protection in a specific industry—and rightly so! As the Chartered Body for Worker Health Protection (WHP) in the UK, I firmly believe we have a responsibility, as well as the opportunity, to take initiatives to improve WHP directly into industry through effective partnerships with others.

**FAAM Feedback**

One of the key new initiatives for 2017 that I’ve been discussing at regional meetings are the plans we’re developing for a new Faculty of Asbestos Assessment and Management (FAAM).

It’s been encouraging to hear the positive feedback from members about our drive to broaden the BOHS ‘umbrella’ in this way. We also had some good news just before Christmas that the Privy Council are happy with the principles of our draft governance changes that we will need to enact in the Charter and Byelaws to facilitate the set-up of FAAM within BOHS.

At the regional meetings, I’ve been explaining the principles behind these changes, that are a balance between ensuring hygiene remains firmly at the heart of BOHS leading us forward, whilst making sure we provide a genuine professional home for asbestos professionals alongside the Faculty of Occupational Hygiene.

Shani Jackson and the member services team are now moving into the final stages of preparing the special

resolutions for these changes, to go to the AGM in April at OH2017 in Harrogate. These are important resolutions that will take BOHS into the next stage of its growth and development. The Council and I hope that you will be able to come along to the AGM and support these significant developments.

**“We have a responsibility, as well as the opportunity, to take initiatives to improve WHP directly into industry through effective partnerships with others.”**

**Change at Head Office**

One development for this year I need to communicate to you comes with a note of sadness on my part. Many of you will know Sharon Brunt, our Communications and Marketing Manager. After five years with BOHS, Sharon is going to be moving on at the end of March.

The reason for this is quite simply that she’s been too good at her job! Sharon joined us in 2012 in a part-time role that enabled her to balance work and her young family. She’s done an excellent job of developing our communications and marketing, particularly through the Breathe Freely campaign, so much so that the role has outgrown the original part-time framework significantly. Over

the last year or so, we’ve built a small team for communications and marketing. Her new position will be closer to home and she is looking forward to spending more time with family.

Sharon is a well-respected and much-liked member of the Head Office team. It’s been a pleasure working with her and I will certainly feel her loss. She has been passionate for the cause of worker health protection and will be a hard act to follow. I and the rest of the Head Office team wish her all the best in her new role and know that she will always be a ‘friend of BOHS’.

So, now we take stock and look to the next stage of development of our communications, marketing and campaigns. As we grow, roles that were once part-time need to become full-time and these, I’m sure, provide the opportunities to attract further excellent candidates to BOHS.



**Specialists required!**

Are you able to help?

BOHS is seeking specialists in the fields of LEV, legionella, asbestos and occupational hygiene to provide their services to mark exams on an ad-hoc basis and assist with question writing. On a contract basis, with training provided, working from home and with hours to suit you, it is an opportunity to contribute to raising competence within worker health protection, whilst offering additional income.

**Are you fluent in a language, too?**

We also need occupational hygienists to translate and mark our W series exams scripts in Chinese, French and Russian.

**For more details, please contact [qualifications@bohs.org](mailto:qualifications@bohs.org)**



# ASBESTOS STILL KILLS

THERE'S A NEED FOR QUALIFIED PROFESSIONALS  
TO MINIMISE THE RISK

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Faculty of  
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THE STANDARDS**



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[www.breathefreely.org.uk/asbestos-still-kills.html](http://www.breathefreely.org.uk/asbestos-still-kills.html)



**BREATHE FREELY**

# Head Office Update



So, for anyone who has given me advice, spoken at an event, attended a meeting, represented BOHS on a committee, written an article, given an interview, written guidance or materials for *Breathe Freely*, delivered an introductory lecture, sat on a BOHS committee with me, attended a working or steering group, chatted to me at a BOHS Conference, sponsored a *Breathe Freely* event or resources, invited me to attend an event or meeting, helped out at an exhibition or event, given me an idea, helped respond to a consultation - the list goes on but you get the gist – to all of you, I want to say an enormous “thank you”.

I am really proud of having been a part of BOHS and I am keen to see how the future pans out – there are lots of new and exciting developments in the pipeline. With regards to BOHS’ vision of *A healthy working environment for everyone*, we are definitely taking steps in the right direction and I am sure this will continue.

Plans are now underway to recruit someone to continue leading the communications and marketing activity and I will do my utmost to ensure a smooth transition.

## Communications and Marketing Updates by Sharon Brunt

### Changing times

Assuming you have read the magazine from front to back, you will have already read Steve Perkin’s column on page 5 and will therefore know that I am going to be moving on from BOHS.

It was a difficult decision to make after five years here, during which time I have had the pleasure of working with many of you. I am truly grateful for the support I have had, without which I would not have been able to do my job.

“...there are lots of new and exciting developments in the pipeline.”

### Time to move on...

As Steve says, I still have a fairly young family (kids aged 10 and 11) and over the past few months, it’s become increasingly apparent that the scope of the role has increased to a point which means it’s very difficult to do in part-time hours. The need to be out at events and meetings has increased, as has the demand for BOHS speakers, contributors, committee members, comments, articles and so on. Therefore, I have decided to move to a marketing manager role which is very local (five minutes door-to-door which is do-able by bike!) and with fewer hours which will be better suited to my home situation at this stage in my life.

### News from communications and marketing

I am actually writing this on 25 January whilst on a train to London. Tomorrow is the second summit of the Health in Construction Leadership Group, of which BOHS is a founding member. Over 300 CEOs and senior leaders will be attending this and the focus areas remain on dust and on mental health. One exciting development will be the launch of *Mates in Mind*.



See the full report on this on page 29. We are delighted to have Martin Coyd OBE speaking about this at our Annual Conference in Harrogate - see the article on page

“... The need to be out at events and meetings has increased, as has the demand for BOHS speakers, contributors, committee members ...”

12. We have a stand at this event which gives us the opportunity to talk about our *Breathe Freely* campaign and in particular, the new construction course, *Certificate in Controlling Health Risks in Construction*, aimed at construction supervisors. A pilot will take place for the second time with large contractors and clients on 30 January. Details of the launch will be issued in due course.



We will keep you posted on this as we move towards the launch as there will be opportunities to apply to become approved training providers to deliver this course. If you want to request more information or express an interest in being kept updated, please email [michelle.chan@bohs.org](mailto:michelle.chan@bohs.org).

**Campaign plans**



We will be continuing with the construction campaign this year and are delighted to have RVT Group and Arco as main campaign sponsors again for 2017 – their sponsorships will help fund resources and further roadshow events. We are also planning to bring together some of the supporters in a ‘summit’, to gain their input into how we take this forward to ensure we are not just ‘preaching to the converted’ but getting the message to those who really need it.

**“We are developing a range of materials...to help managers understand better how to control risks.”**

In terms of the new campaign, *Breathe Freely in Manufacturing* is progressing nicely as we approach the launch date of 28 April, hosted by EEF in London. As previously explained, the campaign will focus initially on welding but will then move into other areas linked with respiratory disease. We are developing a range of materials including case studies and fact sheets to help managers understand better how to control risks. These will be hosted on a website and we will be running a series of roadshow events to disseminate the messages and materials.



**“We have a number of free places to give away for this event.”**

Mike Slater is leading the steering group for this new campaign and Jennie Armstrong is now also taking a lead role in the construction campaign. At this point, I would like to thank everyone who has been involved in *Breathe Freely* in some way, in particular, Mike and Jennie

who have been instrumental in the success of *Breathe Freely* to date. In terms of exhibitions, we are also planning our presence on 7-8 March at the Health and Wellbeing at Work event at the NEC in Birmingham, where we will have a stand along with a stream in the programme on the Wednesday. Speakers include Terry Woolmer of EEF, one of our partners in our new *Breathe Freely* campaign. Damien Eaves will be talking about ‘Sick Building Syndrome’ and Tracey Boyle will discuss regarding asbestos – ‘why failing to plan is planning to fail’ - see the advert on page 18. We have a number of free places to give away for this event – email me at [sharon.brunt@bohs.org](mailto:sharon.brunt@bohs.org) if you are interested.

**“...deep-hearted thanks for your support over the past five years. It’s been an absolute pleasure.”**

We continue to work with IOSH on delivering talks on silica and have several planned in for 2017. We also have a range of other talks planned for the year, many about *Breathe Freely*.

Caroline Smith, our Marketing Executive, and Michelle Chan, our new Marketing Assistant, will continue to take this and our other activity forward, led by the new communications and marketing lead once appointed.

**A deep-hearted thanks for your support over the past five years. It’s been an absolute pleasure and I wish you all and BOHS the very best for the future.**

# Head Office Update



background database; we have been asked about the absence of a final 'submit' button but assure you that the information is stored once 'save' is pressed for each record.

Back in November, we shared a survey with all members about the regional meetings, and we're very grateful to all the people that completed this. The results were shared amongst Head Office staff and the regional organisers at a meeting in December, which resulted in a full discussion about plans for this year. I'm sure you will have noticed the reintroduction of webinars which many people suggested. We're also aiming to plan meetings further ahead to give members more opportunity to reserve the time in diaries to attend.

Attendance counts towards your CPD and there are great networking opportunities. You can see the list of upcoming events on our website where you can also book a place. As regional meetings and webinars are set to increase, we've also opened up the opportunity for sponsorship; if you think you'd like to sponsor a meeting to raise the profile of your business and support The Society please get in touch with head office and we can work with you to find the right opportunity.

During 2016 Karen Bufton, President-Elect, covered almost 2,000 miles touring the regional meetings. Karen has led a series of talks on the topic of volunteering, explaining her own personal volunteering story and also providing information about the opportunities available. To give those of you who haven't had chance to attend one of the regional meeting the opportunity to hear this presentation, Karen will be hosting a webinar.

Information will be circulated soon which will allow members to book a place to join this virtual meeting. If the presentation has inspired you to play a more active role in the Society then do get in touch so that we can discuss opportunities with you.

## Member Services Update

by Shani Jackson

The Society proudly enters the New Year with over 1700 members in 60 countries. Our strategic objective is to increase membership by 6% each year as this will help us to work towards our goal of raising the profile of occupational hygiene in the UK and worldwide. Thank you for being part of our growing community and for your support in expanding the influence of the Society.

A further thank you to those of you that have renewed your membership and/or updated your CPD record. We see that many of you have completed this online and we hope that you found the process simple. We are aware that the CPD screens are a little clunky and certainly not as 'pretty' as we'd like them to be, however I want to give you the reassurance that the information is correctly being recorded in the

**"Attendance counts towards your CPD and there are great networking opportunities."**

We are extremely grateful to our volunteer regional organisers and their teams who plan our schedule of regional meetings. This year has started well with six meetings having taken place already. Meetings are held on a range of topics and are free to attend, so if you haven't yet made it along to one, why not make it one of your resolutions for 2017?

**"As regional meetings and webinars are set to increase, we've also opened up the opportunity for sponsorship."**

### Stay informed



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## Head Office Update



### Qualifications Update

by Paul Johnson

A new year, a new Chief Examiner! We were delighted to welcome Len Morris as our new Chief Examiner in January. Many of you will know that Len retired from HSE recently but, clearly not one to rest on his laurels, he was straight out of the blocks to chair a meeting of our Qualifications Advisory Group (QAG) on 26 January. QAG is always a lively affair and our discussions range from the technicalities of examination pass rates to strategies for promoting international growth. We all have our own opinions about these things and Len kept up the tradition of marshalling the various perspectives and guiding us to sound conclusions and constructive solutions.

As the saying goes, *a new broom sweeps clean* and Len has already floated some ideas about moving QAG into its next stage of development. We have come a long way together over the last few years and it's terrific that the new Chief

Examiner shares our passion for continuing improvement. I am sure that the next few months will be interesting, exciting and challenging – which is the way we like it!

I've said in this column before that 2016 was earmarked as a watershed year for the qualifications team, the point at which we completed the 'big project' as a springboard for growing the business. The 'big project' was in essence a series of interrelated initiatives which gradually transformed the way we work, covering everything from qualifications governance to ordering the stationery. Someone once said, quite cynically, that 'projects are never completed, only abandoned' so I am really proud of the way the team has stuck at it, always embracing the latest development with enthusiasm and good humour.

**"It's extremely pleasing to report that we are about to launch nine new qualifications and courses..."**

As it turned out, we actually fired the starting gun on a programme for growth in July and it felt like the floodgates had opened as we began to develop a stream of new qualifications and courses, constantly weighing up the priorities and frequently searching for available occupational hygiene knowledge to help us to get the products to market. It's extremely pleasing to report that at the time of writing we have launched, or are about to launch, nine new qualifications and courses ranging from relatively simple to develop foundation modules, which are

designed to promote progression to higher level attainment, to more complex international proficiency modules which come with comprehensive learning materials. It's likely that our new additions will take time to mature but the future is looking very promising right now.

**"...a top priority is to bring more occupational hygiene knowledge into the qualifications world..."**

In fact, these achievements are more notable because we are on a steep learning curve – still building our development processes and making progress more through grit and determination than anything else. It's apparent to me that a top priority is to bring more occupational hygiene knowledge into the qualifications world, to speed up our time to market. We particularly need help with the three main proficiency subjects: asbestos, LEV and legionella. The qualifications team has, for a long time, relied on a handful of individuals who have given us exceptional service, but they have limited capacity and we need reinforcements. I am currently developing a structure to provide sustainable occupational hygiene support for the team. We will then be looking to recruit, train and develop people to populate the structure – so watch this space.

And finally.... you will have read that Sharon is leaving us in a few weeks. Sharon has been a wonderful colleague and we will miss her so much. Good luck in your new career!

## OH2017 Warner Lecture - Martin Coyd OBE

If you haven't already booked your place at this year's annual conference, now is the time to do so – we're delighted to announce Martin Coyd OBE as this year's Warner Lecturer for OH2017. We're also extremely pleased to confirm that for the sixth consecutive year, Shell is the sponsor of the Warner Lecture.

In this year's lecture, entitled *State of Mind?*, Martin will explain how it is possible to secure a safer and brighter future within and beyond the construction industry, simply by creating the best places to work and posing the question "What can we do to improve wellbeing and mental health?".

Martin has significant experience as a health and safety professional in the construction sector, and has recently been appointed Head of Health & Safety of Construction at Mace. He is a key supporter of *Mates in Mind*, a new programme launched by the Health in Construction Leadership Group and supported by the British Safety Council,



which aims to help improve and promote positive mental health across the construction industry in the UK.

*State of Mind?* is a current pertinent subject, not only because of the launch of *Mates in Mind* at the end of January, but also due to the worrying statistics around mental health in the construction sector. Figures indicate that the construction industry has a higher suicide rate than any other profession: every two days, a construction worker commits suicide.

Fortunately, attitudes in the workplace are changing and there is more realisation that mental health at work is everyone's business. If we are to improve the mental health and wellbeing of workers and reduce suicide rates, then it cannot be left solely to the mental health professionals - everyone must play their part.

More information about this year's Warner Lecture can be found in the News section of the BOHS website.



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**Email:** [london.southeast@bohs.org](mailto:london.southeast@bohs.org)

**Scotland**  
 David Wright/Helen Pearson  
**Email:** [scotland@bohs.org](mailto:scotland@bohs.org)



The Chartered Society for Worker Health Protection

## BOHS' Logo Policy



The BOHS logo is the trademark of BOHS and is, therefore, considered an important asset. It is designed to convey our corporate brand and unique role in worker health protection.

Reproduction of the logo is carefully controlled to ensure that it is used in appropriate contexts and applications as well as in the correct format and style. The BOHS logo is a registered trademark of BOHS and, therefore, protected under copyright law. Misuse of the logo or contravention of the policy will be treated seriously.



### Who is permitted to use the BOHS logo?

- **The BOHS Head Office team**
- **Partners**  
These include:
  - Organisations formally collaborating with BOHS on a specific project.
  - Organisers of events that BOHS is supporting or sponsoring.
- **Approved Training Providers**  
These include training providers who have been formally approved to deliver training leading to BOHS qualifications. Providers who are eligible will be issued with the specific 'Approved Training Provider' logo along with the associated guidelines for use.
- **BOHS Members**  
Where members are representing BOHS, for example, through presenting a PowerPoint, they will be issued - via BOHS head office - the relevant logo, or slide template which carries the BOHS logo.

N.B. Since the logo represents BOHS as a corporate body, regulated by a formal governance structure and incorporated by Royal Charter, it is not appropriate for BOHS members to use the logo on an individual basis. Members should **not** use the logo on stationery, websites or other business and communication materials.

However, members are encouraged to use their post-nominal letters, and may state their relevant BOHS membership category.

- **Companies registered in the BOHS Directory of Occupational Hygiene Services**  
Companies that are registered in the *BOHS Directory of Occupational Hygiene Services* are entitled to use the *Directory of Occupational Hygiene Services* (DOHS) logo, which is issued when they pay to register in the Directory. The logo is intended for use on the companies' websites and stationery.

Please note that once a company is no longer registered in the *BOHS Directory of Occupational Hygiene Services*, they are no longer entitled to use the DOHS logo.

Any queries related to the BOHS brand should be directed to Sharon Brunt  
on 01332 250703 or [sharon.brunt@bohs.org](mailto:sharon.brunt@bohs.org)

## Annals of Occupational Hygiene: 2016 Performance and Activity

2016 was a momentous year for the *Annals of Occupational Hygiene*, as it was the last year being published under its well-known name. Starting in January 2017, the flagship product of BOHS will be known as the *Annals of Work Exposures and Health*, reflecting the changing nature of work hazards, and the importance of broadening our appeal to a wider audience.

### Activity and Product

In 2016, the *Annals of Occupational Hygiene* received 259 submissions, a slight decrease on 2015, including 213 original research articles, eight reviews and 18 short communications. Among the 231 papers for which final publication decisions were made, 77 were accepted, giving us a rejection rate of 66.7%. This relatively high rejection rate helps assure the highest quality of papers appear in the journal and is thus good for readers and the journal.

During the year we published 72 research papers, eight short communications, three review articles and an additional two commentaries, four editorials and seven letters to the Editor. The editorial team coordinated the collection of 457 peer reviews from 281 individuals, demonstrating the huge commitment made by our many contributors.

“Two new assistant editors joined the Board in 2016, reinforcing and expanding the breadth of editorial expertise of the journal.”

We continued to classify our published work (research papers and short communications only) in broad categories of types of papers, and their focal area. The results of this content analysis for Volume 60 are shown in Figure 1. The *Annals* remains very strong on exposure assessment (43%, up from 42% in 2015) and measurement (20%, down from 22% in 2015), while there has been an increase in papers relating to management and training (14%, up from 2% in 2015). Personal protective equipment and the basic sciences underlying occupational hygiene each accounted for 6% of papers, with exposure controls and epidemiology each on 5%. Aerosols made up 40% of the agents addressed, with 27% tackling chemicals, 9% bioaerosols and 8% physical agents. Europe and North America were the strongest geographic areas for both submissions and published articles based on contact author.

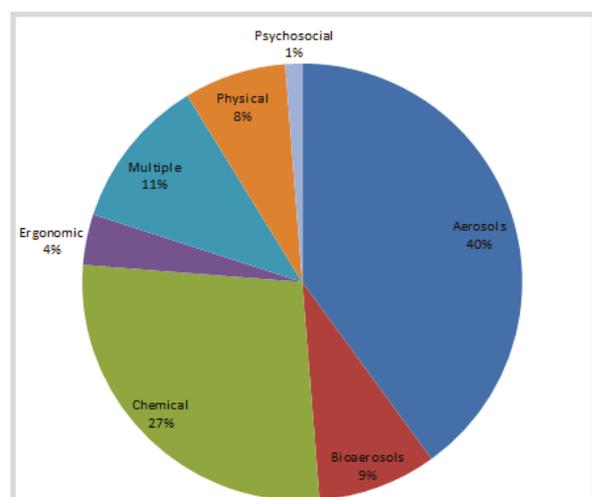
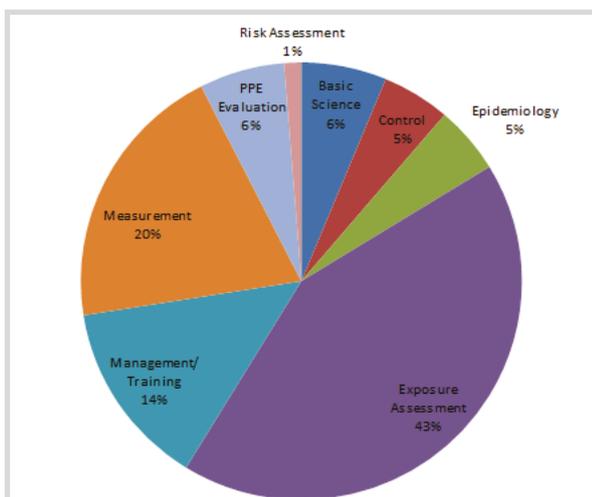
1725 members of BOHS received the journal in hard copy or online last year as part of their membership benefits. Institutional access to the *Annals* increased significantly, with 3152 institutions able to access the journal either via a direct institutional subscription or through academic consortia agreements (up from 2880 in 2015). 1222 not-for profit institutions in developing countries obtained free online access. The average number of full-text downloads per month was 30,609, an impressive figure which reflects high demand for *Annals* papers, particularly through online channels.

“The editorial team coordinated the collection of 457 peer reviews from 281 individuals, demonstrating the huge commitment made by our many contributors.”

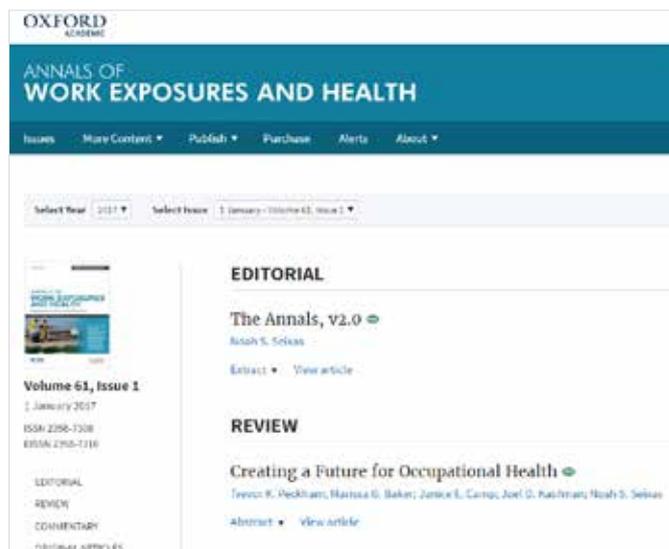
### Staff and Management

Volume 60 was the fourth year under the leadership of Chief Editor, Noah Seixas, from the University of Washington, USA. Dr. Seixas had active support and engagement of 17 editorial board members, seven of whom are based in

Figure 1. Volume 60 Content Analysis for Original Articles and Short Communications: A. Type of Study, B. Primary Exposure



## Annals of Occupational Hygiene: 2016 Performance and Activity



**Left:** Launched in January 2017 via the Oxford University Press online journal platform, the new *Annals* website offers a refreshed look where you can browse past issues. Additionally, Editor's Choices and Advance Articles can also be found here.

**Below:** The new *Annals* logo.

ANNALS OF  
WORK EXPOSURES  
AND HEALTH

the UK, thus continuing a strong tradition of British perspective.

Two new assistant editors joined the Board in 2016, reinforcing and expanding the breadth of editorial expertise of the journal. Mr Peter Stacey, from the Health & Safety Executive in the UK, specialises in chemical technologies and has been a regular contributor as an author in previous years. Dr Peter Smith, from the Institute for Work and Health in Toronto (and previously Monash University near Melbourne), brings expertise on work stress, work organization and vulnerable populations.

**“The *Annals* remains very strong on exposure assessment and measurement, while there has been an increase in papers relating to management and training.”**

In the BOHS office in Derby, Sarah Pyle, Editorial Administrator, moved on to new endeavours and Roz Phillips returned to the *Annals* as editorial manager. Editorial support is now also being provided by Michelle Chan, who has recently joined BOHS.

The *Annals* is published by Oxford University Press (OUP), which provides a range of services in support of the journal including peer review system software, typesetting and copy-editing, printing and distribution, and website maintenance and marketing. The editor responsible for the *Annals* is Paul Kidd, who is supported by assistant production editor (Elisabeth Waelkens), and marketing (Emma Horton) staff.

### New Year, New Identity

2017 is a landmark year for the journal as it moves into an exciting new phase of life as “*Annals of Work Exposures and Health*”. It is hoped that the new *Annals* will reach out to more authors and readers through its expanded scope reflecting changes in the field of occupational hygiene and focused on the assessment of a wider range of exposures which affect the health of workers. But a journal name change doesn't happen overnight, and much of 2016 was spent preparing for implementation. Following consultation on the strategic review in early 2016, OUP and BOHS began to make preliminary plans. Once BOHS Council approval was granted in June, OUP's transition team sprang into action, in conjunction with the chief editor and BOHS head office. Many factors needed to be considered, from alterations to the manuscript submission site, to communication plans, to cover and text redesign. The relaunch also coincided

with the arrival of a smart new web platform for Oxford Journals, offering improved navigation while maintaining easy access to the *Annals* archive. By the end of December, all elements were in place to ensure a smooth transition, and Volume 61(1) was launched, along with the new website, in January.

**“Europe and North America were the strongest geographic areas for both submissions and published articles, based on contact author.”**

The *Annals* remains committed to providing high quality, scientific research but now with a broader definition of ‘exposure’ and the impact that working conditions can have on the health of workers. We hope that BOHS members will enjoy reading the new *Annals* and thank all our readers and contributors for their ongoing support.

**For more information about the expanded scope of *Annals of Work Exposures and Health*, please visit the *Annals* website:**

**<https://academic.oup.com/annweh/pages/About>**

OH  
2017

## The Premier Conference for Occupational Hygiene in the UK

Harrogate International Centre  
24 - 27 April 2017

Occupational Hygiene 2017 (OH2017) is the leading international conference in the field of worker health protection in the UK, focusing on occupational hygiene and the prevention of occupational ill-health and disease. This year the location will be the beautiful spa town of Harrogate.



**BOHS**  
The Chartered Society for  
Worker Health Protection



Book now by visiting [www.oh-2017.com/registration/](http://www.oh-2017.com/registration/)

# 8 reasons to attend this unique event

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IGNITE - a plenary session for the first time.

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Four Keynote Lectures from leaders across a broad range of disciplines associated with worker health. ↓

A large international exhibition showcasing the latest products and services.

A variety of FREE Networking and Social Events.

Three Professional Development Courses. ↓



**Martin Coyd OBE**  
*Mace*



**Auret van Heerden**  
*NYU Stern Center for Business and Human Rights*

Risk Assessment Boot Camp: Asbestos, Silica, Metals & Organic Compounds.

**Andrey Korchevskiy**  
*Chemistry & Industrial Hygiene, Inc.*

Testing the performance of LEV systems to achieve adequate control of employees exposures

**Adrian Sims**  
*Vent-Tech Ltd*

Diploma Taster

**Mike Slater**  
*Diamond Environmental Ltd*



**Eddie Woods**  
*Karrdale*



**Martin Worthington**  
*Morgan Sindall*

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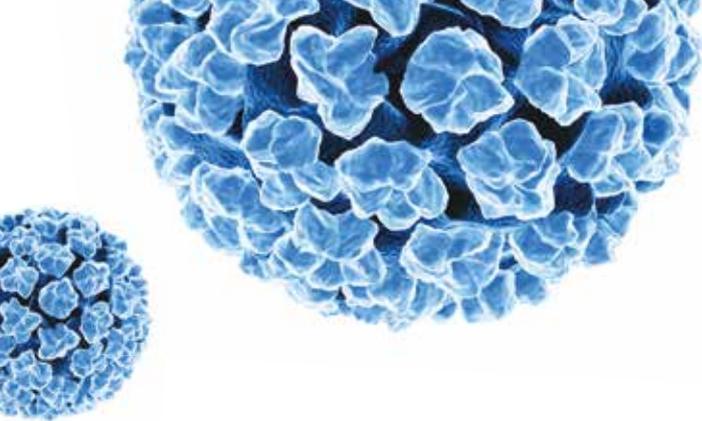
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# IPXII

## Inhaled Particles XII

### Call for papers

**Inhaled Particles XII (IPXII) is the latest in a long line of highly successful and prestigious international conferences and meetings organised by the British Occupational Hygiene Society (BOHS). It is the oldest ongoing symposium series on the adverse health effects of inhaled particles.**

The first Inhaled Particles conference was held in Oxford in 1960 and over the next 50 or so years the meetings have been successful at attracting leaders and students in all of the scientific disciplines associated with particle-related disease.

#### Abstract submission

Submission of abstracts as posters or spoken presentations are invited.

Acceptance of abstracts and their allocation of abstracts as posters or spoken presentations will be decided by the Scientific Committee based on quality and logistics.

**Abstract submissions close on  
Friday 28 April 2017**

**Successful speakers notified by  
Friday 30 June 2017**

**Submit your abstract online at  
[www.inhaledparticles.org](http://www.inhaledparticles.org)**

#### Main Topics / Themes

The Committee welcomes papers on any aspect of diseases and health impacts of inhaled particles and we especially encourage papers in the following areas:

##### New Technologies and Approaches to:

- Exposure Assessment
- Managing and Preventing Release
- Biomonitoring and Sensors
- Modelling and Assessing Hazard
- Risk Assessment and Decision Making

##### Regulation and Governance:

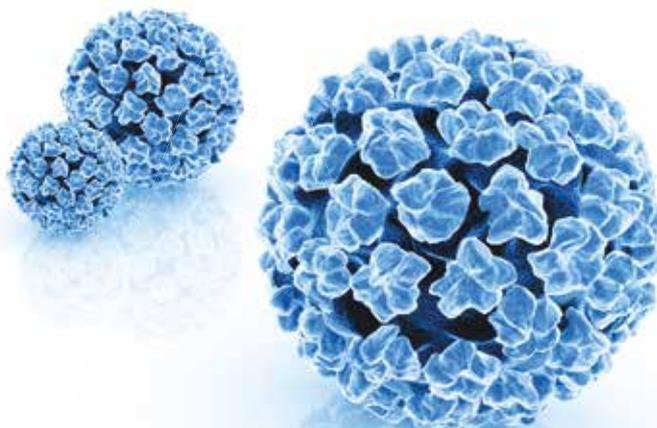
- Future Directions
- Dose Metrics

##### Hazard:

- Adverse Outcome Pathways
- Nanotoxicology and Ultrafine Particles
- Man-made Fibres
- Dosimetry

##### Global Issues:

- Indoor Air Pollution
- Outdoor Air Pollution



## HSE News

In this issue, we detail prosecution cases from the end of 2016 to early 2017. These include incidents regarding hand arm vibrations, carbon monoxide and the lack of personal protective equipment (PPE).

Asbestos instances are also in focus with a number of charges made to individuals and companies; one event included an asbestos analyst who was fined for falsifying documents. Of course, it is highly important that reports we make are accurate and this story echoes the broader message from the President's article in the previous issue: it's imperative that we, as occupational hygiene professionals, record as much relevant information as possible to put our findings into context as we never know when a report or survey will be scrutinised by a solicitor or barrister looking to see where blame can be apportioned.

### Asbestos analyst fined for falsifying documents

An asbestos analyst has been fined after he falsified an asbestos air clearance certificate, following licensed asbestos removal in Manchester.

**"...deliberately falsified his report and so his published results could no longer be relied upon."**

On 19 November 2015, Mr Barrie Lyons, a well-trained asbestos analyst with 29 years of experience, was contracted to carry out the final inspection and air testing, following asbestos removal at a construction site in central Manchester. Mr Lyons had failed to carry out a suitable inspection of the site and had not carried out the correct amount of air sampling, despite his report to his employer and the client indicating that he had. In effect, Mr Lyons had deliberately falsified his report and so his



published results could no longer be relied upon. The asbestos removal contractor had no option but to have a second clearance test carried out which incurred significant delays and additional expense.

Mr Barrie Lyons pleaded guilty to breaching Section 7(a) of the Health and Safety at Work etc. Act 1974 and was fined £2000 and ordered to pay costs of £3905.73.

### Company prosecuted after workers were severely burned

A North East engineering company was sentenced today for safety breaches after two of its workers were burned when they were sprayed with chemicals during chemical cleaning of a pipework system.

On 31 July 2014, two employees of PSL Worldwide Projects Ltd received serious burns while working at a Hyclone UK Ltd site, in Cramlington. The workers were using sodium hydroxide granules to clean a pipe system. A reaction occurred between the chemicals and water in the system that caused the liquid to heat up building up pressure in the hose. The hose detached and sprayed the two workers with the solution, causing severe burns.

One operative received life threatening burns to his back, buttocks, arms, leg, neck and one side of his face. The other operative received burns to the right side of his head, his neck, and back, left arm and behind his right ear.

The task was not adequately risk assessed by PSL Worldwide Projects Ltd,

the equipment provided to do the job, in particular the hosing, was not suitable for the solution, and the company failed to provide adequate PPE to its employees.

**"A housing association has been prosecuted after allowing renovations to take place that put residents at risk of carbon monoxide."**

PSL Worldwide Projects Ltd pleaded not guilty to breaching Section 2(1) of the Health and Safety at Work Act 1974 on 28 November 2016 at Bedlington Magistrates Court but they were found guilty and the case was referred to Newcastle Crown Court for sentencing. They were fined £150,000 by Newcastle Crown Court. No costs were awarded due to the company being in liquidation.

### Housing association prosecuted for safety failings

A housing association has been prosecuted after allowing renovations to take place that put residents at risk of carbon monoxide poisoning.

Dumfries & Galloway Housing Partnership Limited, Scotland's second largest registered social landlord, had allowed chimneys to be removed from properties on two separate occasions. It was later discovered during the annual gas checks that the chimneys acted as the necessary gas flue for adjacent properties.

## HSE News

HSE's investigation into both incidents revealed that at the time, the chimney removals took place not only was there was no procedure in place for the company's workers to follow in respect of this type of work, neither were any risk assessments carried out in relation to the chimney removals which would have identified the risk to carbon monoxide poisoning for the residents. Dumfries & Galloway Housing Partnership Limited pleaded guilty to breaching Section 3(1) of the Health and Safety at Work etc Act (1974) and was fined £8,000.

### National airline prosecuted for not protecting workers

British Airways PLC has been prosecuted for not protecting their workers' from hand arm vibrations.

Paisley Sheriff Court heard how employees working within the composite workshop at the Glasgow base, who in the course of their work used hand held power tools to carry out repairs on various components, were exposed to the risk of hand arm vibrations (HAVs).

An investigation by the HSE highlighted the company's failure to make a suitable and sufficient risk assessment to control the effect of exposure by workers to the vibrations from hand held tools.

Potentially, this exposed the work force to the risk of injury whilst working within the workshops.

British Airways PLC pleaded guilty to breaching Regulation 5 (1) of the Control of Vibration at Work Regulations (2005) and was fined £6,500.

### Essex Companies fined after employees exposed to asbestos

Two Essex-based companies have been fined after exposing workers to potentially deadly asbestos over a period of years, despite knowing of its presence, in units that they occupied in Manor Road Trading Estate, Benfleet. Basildon Magistrates heard that asbestos had been found in poor condition when Connect Packaging Ltd moved into the Benfleet premises in 2007, but that it failed to act on the findings. As a result, its employees were exposed to asbestos fibres.

**"...scientists found asbestos fibres at the workers' clocking-in point, in the stationary cupboard and on rafters above their heads."**

When Connect Packaging Ltd moved out of the units in January 2009, it sublet them to Creo Retail Marketing Ltd, another company within its group, but continued to carry out maintenance and repair. In 2014, following the appointment of a new health and safety officer, Creo Retail Marketing Ltd undertook its own asbestos survey. This confirmed the ongoing presence of asbestos.

Despite this, workers remained exposed to risk while the two companies argued about who was responsible for its removal.

The HSE launched an investigation, having been alerted by concerned employees. Its scientists found asbestos

fibres at the workers' clocking-in point, in the stationary cupboard and on rafters above their heads.

Connect Packaging Ltd was fined £65,000 and ordered to pay £8,150.23 in costs after pleading guilty to one breach of the Health and Safety at Work etc Act 1974 and breaches of the Control of Asbestos Regulations, both the 2006 and 2012 regulations.

Creo Retail Marketing Ltd was fined £150,000 and ordered to pay £8,149.63 in costs after pleading guilty to two breaches of the Health and Safety at Work etc Act 1974 and breaches of the Control of Asbestos Regulations, both the 2006 and 2012 regulations.

### Asbestos removal supervisor fined for exposing workers to deadly fibres

An asbestos removal supervisor has been sentenced after admitting exposing numerous workers to deadly asbestos fibres during licensed asbestos removal works.

**"...without any face masks or protective clothing to prevent them being exposed to asbestos..."**

Alan Burdett was allowing people into a sealed asbestos enclosure, which is designed to keep dangerous fibres from escaping and contaminating people or other areas, without any form or protective clothing or face mask. Significant amount of metal framework which had supported the asbestos ceiling boards was stacked in the open building without being wrapped or sealed to prevent the spread of asbestos fibres. Alan Burdett had been filmed allowing workers to enter the asbestos enclosure without any face masks or protective clothing to prevent them being exposed to asbestos, as well as potentially releasing the deadly fibres into the main building where there were no controls to prevent exposure.



## HSE News

Alan Burdett pleaded guilty at Manchester Magistrates Court to breaching Section 7 of the Health and Safety at Work etc Act 1974 and was sentenced to 6 months imprisonment which was suspended for 18 months, fined £1,500 and was ordered to pay costs of £3,518.13.

### An Uxbridge manufacturer of ejector seats has been fined £800,000 after three workers developed debilitating lung conditions

Three skilled CNC machine operators developed extrinsic allergic alveolitis after many years of years of exposure to the mist of working metal fluid.

**“One worker has been so severely affected they have become virtually paralysed by the illness.”**

Workers were exposed to the working metal fluid mist over, at least, a three-year period. One worker has been so severely affected they have become virtually paralysed by the illness, another will never be able to work with metal working fluids again, and a third must have special measures in place to ensure he never comes into contact with the substance.

Martin Baker Aircraft Company Limited pleaded guilty to breaching Section 2 (1) of the Health and Safety at Work etc. Act (1974) and Regulation 6(1) of the Control of Substances Hazardous to Health Regulations 2002 (as amended) (COSHH) and were fined £800, 000 and ordered to pay costs of £36,912.36.

### Real estate company fined for safety failings

A real estate company in Oxfordshire has been fined for failing to manage asbestos on their premises following a fire. Reading Crown Court heard how a fire occurred at Faringdon Business Park on 26 July 2014 destroying four units on the site. Tapecrown Limited failed to have a

**“...failed to have a suitable plan and risk assessment in place for the safe management of asbestos containing materials on their premises.”**

suitable plan and risk assessment in place for the safe management of asbestos containing materials on their premises.

Tapecrown Limited pleaded guilty to breaching Regulation 4(3) of the Control of Asbestos Regulations 2012, and was fined £8,000 and ordered to pay costs of £4,000.



### Bury demolition contractor imprisoned over asbestos exposure

A local demolition contractor has been sentenced after admitting illegally removing asbestos by ignoring an asbestos survey while demolishing the former Oakbank Training Centre in Chadderton, Oldham as well as failing to prevent exposure to asbestos to workers and others on site.

**“...chose to ignore the asbestos report...and began demolition without having any of it safely removed.”**

Mr David William Briggs, trading as Briggs Demolition of Bridge Works, Wellington Street, Bury, was contracted



to demolish the former education centre off Chadderton Park Road and advised the site owners to have the site surveyed for asbestos before demolition could begin. Mr Briggs recommended a suitable surveyor but then chose to ignore the asbestos report which identified approximately 230 square metres of asbestos materials throughout the buildings and began demolition without having any of it safely removed.

On the first HSE site visit, Mr Briggs was met on site and approximately half of the buildings had been demolished or partly demolished. When Mr Briggs was asked if the asbestos had been removed he denied there was any on site. Due to the asbestos survey showing asbestos was present, a Prohibition Notice was served on Mr Briggs and on the site owners stopping all works on site until the extent of the asbestos disturbance could be established. A second HSE visit with scientists from the Health and Safety Laboratory in Buxton confirmed the findings of the original asbestos survey report and identified hazardous asbestos in the remaining buildings.

David William Briggs of Bridge Works, Wellington Street, Bury BL8 2AL pleaded guilty at Manchester Magistrates Court to breaching Section 2(1) & Section 3(1) of the Health and Safety at Work etc Act 1974 and Regulations 8 (1) and 16 of the Control of Asbestos Regulations 2012 and was sentenced to 24 weeks imprisonment.

## Obituary: Frank Gill

by David O'Malley

Sadly, we have to report that Frank Gill, a former President of BOHS, passed away on 16 January 2017 at the age of 82. During Frank's Presidency in 1988-89, the decision was made to move the BOHS Secretariat from attic rooms at St. Andrews Place in London, to larger premises in Derby. Frank was a signatory to the establishment of BOHS, as a Company Limited by Guarantee. In addition, for nine years he was a member of the British Examining Board in Occupational Hygiene, BEBOH [a predecessor of the Faculty Board], and its Chairman from 1990 to 1994. During his Chairmanship of BEBOH, the modular approach to occupational hygiene training replaced the established, but rather dated, Preliminary Certificates.

Born in India on 1 May 1934, Frank's family returned to England just before the Second World War. Frank took a degree in Mining Engineering at the University of Birmingham. After obtaining his Colliery Manager's Certificate, he became interested in the scientific side of coal mining – in particular dust, mine gases, heat and ventilation – and took a post as Area Ventilation and Dust Control Engineer in the Warwickshire coalfield. After ten years he moved to London as Senior Lecturer in Ventilation at the National College of Heating, Ventilating, Refrigeration and Fan Engineering, which later became part of the Polytechnic of the South Bank. During a sabbatical year, Frank took the MSc course in Occupational Hygiene at the London School of Hygiene and Tropical Medicine, which he passed with distinction. After a period as course director of South Bank's BSc in Occupational Hygiene, he returned

to the London School in 1979 to run the MSc in Occupational Hygiene. During that period he obtained his Diploma in Occupational Hygiene, and Membership of the Institute of Occupational Hygienists. Five years later he obtained his Fellowship.

In 1981, Dr Malcolm Harrington, a former colleague from the London School, was appointed as Director and Professor of the new Institute of Occupational Health at Birmingham University. This led to Frank joining him as senior lecturer in occupational hygiene and Deputy Director of the Institute. Frank developed the occupational hygiene teaching and consultancy at the Institute, and he produced many papers and book chapters on his speciality. Jointly with Malcolm Harrington, Frank produced the book *Occupational Health Pocket Consultant*, which became a classic text running to several editions. He also wrote, with Dr Indira Ashton, *Monitoring for Health Hazards at Work*, which also ran to several editions. In fact, both textbooks became standard reading for students in many fields of occupational health. For his work in the teaching of occupational physicians Frank was awarded an Honorary Fellowship of the Faculty of Occupational Medicine, and he became a Fellow of The Royal Institute of Public Health and Hygiene.

In 1990, Frank left Birmingham to become a freelance consultant and, drawing on his experience in ventilation engineering, he specialised in that subject linked with occupational hygiene - an unusual but useful combination. He also continued to lecture at 5 universities, including Birmingham, where he was made Honorary Senior Lecturer, and he was a popular lecturer at various commercial training organisations.

After representing BOHS at the Australian Institute of Occupational Hygienists Annual Conference during his Presidential year, Frank made annual visits to Australia, both to attend the annual AIOH Conference, and to undertake consultancy work. In 1997, he became a corporate Member of AIOH. He wrote a regular article in the AIOH newsletter entitled "UK Jottings".

As an amateur violinist and violist, Frank played in local orchestras and chamber music groups close to his Hampshire home, where he lived with his wife from 1971. Being members of both the Camping and Caravanning Club, and the RSPB, they enjoyed spending much time outdoors.

In summary, Frank Gill was undoubtedly an inspiration to many occupational health and hygiene professionals, and he was always willing to share his knowledge, experience and enthusiasm for occupational hygiene. RIP Frank.



# Obituary: Max Lopacki

by Neil Peacock

It is with immense sadness that we announce the tragic loss of Max Lopacki who passed away suddenly on Sunday 12 December 2016 with his family by his side. Max was the Managing Director of NATAS, which operates primarily within the asbestos training, management and nuclear decommissioning industries, providing training and eLearning, consultancy and UKAS accredited asbestos laboratory services.

Max had over 30 years' experience within the asbestos industry and formed the National Asbestos Training & Accreditation Scheme (NATAS) in 1996. By 1998, NATAS became the first independent dedicated asbestos training provider recognised by the HSE. Max had been a key participant of the asbestos training providers working group, convened by the HSE to develop what

are now the current asbestos training standards in the UK. Max enjoyed travelling and appreciated different cultures; he often managed to combine his passion for the asbestos industry with his love for travel by offering training and consultancy in many regions of the world, delivering them with style, elegance and deep enthusiasm.

As many of us are aware, Max had an instrumental role in the development of asbestos training for decades, covering all areas from asbestos awareness to licensed training. This was in tandem with his hard work and expertise in obtaining asbestos awareness eLearning recognised by the HSE.

Max was a proud family man, a loving husband to his wife Josephine, and devoted father to his three sons Jozef, Patrick and



Michael. The NATAS Asbestos Training team and family will strive to continue Max's good work and legacy through NATAS asbestos training and safety.

He will be greatly missed by all.

## FREE BOHS Regional Meetings

Our Regional Meetings are FREE to attend and excellent networking opportunities



### 1 March 2017

SCI Building, London  
London, South and South East  
The Control of Welding Fume  
(in conjunction with the SCI Environment, Health and Safety Group)

### 13 March 2017

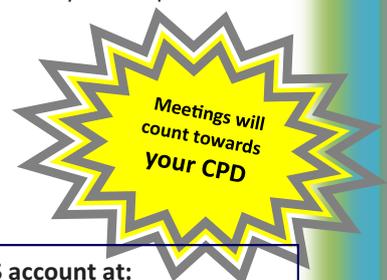
Ineos Olefins and Polymers HQ, Grangemouth  
Scotland  
The Statistics of Exposure

### 16 March 2017

University Hospital of North Durham, Durham  
North East  
Joint Regional Meeting on Silica with the Society of Occupational Medicine

### 16 March 2017

Woodcote House, Cheshire  
North West and North Wales Meeting,  
Ergonomic Assessments in the Workplace



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<https://portal.bohs.org>

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### Risk Assessment Boot Camp: Asbestos, Silica, Metals & Organic Compounds

**Andrey Korchevskiy**  
*Chemistry & Industrial Hygiene, Inc.*

This PDC will take participants for an intensive ride! We will begin by reviewing the basics and methodology of risk assessment related to typical hazards industrial hygienists face at workplaces and in community exposure situations.

For many chemicals and other dangerous factors, it is not enough to apply occupational exposure limits (OELs) when determining criteria of dangerous or safe conditions and protective strategies: sometimes OELs are non-existent, and sometimes they are known to be obsolete and not protective enough.

Industrial hygiene professionals have to be aware about the most up-to-date risk assessment methods and techniques.

During the course, approaches for a health risk assessment will be demonstrated on the examples of asbestos, crystalline silica, lead, and benzo(a)pyrene. Structural components of the risk assessment paradigm (hazard identification, exposure assessment, dose-response assessment, and risk characterisation) will be reviewed from a practical point of view. Participants will learn how to apply various risk calculation methods and models to evaluate probabilities of disease in exposed cohorts and populations, as well as other important estimators of a risk level. Various factors influencing risk values will be explored, along with different health endpoints (cancer, non-malignant respiratory diseases, elevated levels of metals in blood etc). The methodology of risk characterisation will be discussed, and risk calculation tools for each of the mentioned hazards will be provided, along with practical exercises proposed to test the models in real-life applications.

“a great way to develop valuable skills  
and earn the CPD points needed  
for your certification and  
professional memberships.”

### **Diploma of Professional Competence in Occupational Hygiene, One Day Taster**

**Mike Slater CFFOH**  
*Diamond Environmental Ltd*

The seminar is aimed at Licentiate Members of the Faculty who are intending to sit the Diploma examination to help them prepare for the exam(s).

The principal objectives of the day are to:

- Provide an introduction to the format of the BOHS Diploma exam structure.
- Provide an introduction to the format of the oral examination – i.e. the makeup of the panel, exam duration, how questions are asked, topics covered.
- Discuss example questions and approaches to answering them.

### **Testing the Performance of LEV Systems to Achieve Adequate Control of Employees Exposures**

**Adrian Sims MFOH (S)**  
*Vent-Tech Ltd*

This course will focus on:

- Discussing the various types of the most critical part of any LEV system: the extraction hood.
- Helping course participants to decide on the minimum performance that the main types of extraction hood would need in order to adequately control employee exposures.
- Outlining appropriate performance requirements for the other elements of LEV systems.
- Outlining the methods and the testing equipment that is needed in order to test the actual performance of an LEV system.
- Discussing a number of real-life case studies to aid in the interpretation of test data from actual LEV systems.

# Intrinsically Safe Toolkit for Gas, Sound, Noise, Air Quality and Dust



**Intrinsic safety has for a long time been a recognised term in gas detection. However, in line with expanding requirements, affordable IS technology is now available for other detection applications.**

Intrinsic safety and ATEX approval have often been a tricky issue. However, with the latest technologies you can now measure what and when you need to with Intrinsically Safe sound level meters, noise dosimeters and direct reading dust monitors, as well as gas monitors.

The working occupational hygienist can now measure, record and interpret data live, even in the most arduous environments.

The SE-401 IS sound level meter offers a revolutionary Class One capability like no other. Noise dosimeters such as the SV 104IS have octave band measurement and voice comment and noise recording.

The newest addition to our range of dust monitors is the AM520i, which gives direct particulate readings in IS environments for Total Dust, PM10, PM2.5 and PM1.

Gas detection technology has also taken a huge leap. A standard 4-gas monitor has long been required in a Zoned environment but the big drawback has always been battery life. The latest instruments, such as the Clip4 from Honeywell and the MGC Simple from Gas Clip Technologies, can now provide a two year continuous battery life. Simply turn them on and in two years dispose of them; with a six-monthly calibration and a regular bump test your instruments are always ready when you are.

We are constantly seeing new technologies merge together to develop something new. The same is true of the gas detection industry technology and the latest

communication and personal GPS location developments have now come together in Blackline Safety's new G7.

The modular G7 series is a ground-breaking, true 'Internet of Things' device and offers gas detection alongside two-way messaging and speakerphone, man down alarms, motion detection and GPS location tracking, all transmitted back to a remote base to provide whole environment monitoring anywhere in the world, 24 hours a day. If an alarm activates the issue is immediately and accurately diagnosed and the exact location pinpointed for instant response.

The G7 is the most revolutionary technology available in the safety industry today and will be available from Shawcity in early 2017.

For any further information contact us on **01367 899565** or email **solutions@shawcity.co.uk**.

## MEET THE FUTURE: 4-Gas Detection with 2-year Runtime is Here

Not one but two NEW products from world-leading manufacturers, both pushing the boundaries of personal gas detection.

- Always-on 24/7 protection
- No charging
- No battery replacement
- No sensor replacement
- No downtime
- Low cost of ownership

Available early 2017, contact Shawcity for more information and to pre-order



01367 899419  
solutions@shawcity.co.uk  
www.shawcity.co.uk

Multi Gas Clip Simple

BW Clip4

## HCLG Summit in London

On 26 January, the Health in Construction Leadership Group (HCLG), of which BOHS is a founder member, welcomed over 300 construction leaders and influencers for a second summit to continue the discussion on reducing the burden of ill-health in the construction industry, one year on since the inaugural event.

At the first summit held in January 2016, over 150 CEOs from across the industry gathered to discuss the importance of raising awareness of health issues in the construction industry and focused initially on respiratory disease. The HCLG is focused on bringing companies together to collaborate relentlessly in identifying best practice for reducing root causes of such health issues.

Throughout 2016, the HCLG has played a key role in facilitating the sharing of best practice and innovations across the industry, to help raise standards in the way health risks are managed on construction sites. This has included the promotion of BOHS' *Breathe Freely* campaign.

**"*Mates in Mind* aims to raise awareness and understanding of poor mental health in the construction sector..."**

The 2017 summit aimed to reflect on progress to date as well as to bring a focus to the growing issue of mental health within the industry, and equipped delegates with the tools and techniques to apply within their companies.

This included the launch of the *Mates in Mind* programme, set up with the support of the British Safety Council.



**Steve Hails, HCLG Executive member and Director of Health, Safety & Wellbeing, Tideway and Chair of *Mates in Mind*, announces launch of this new scheme.**

*Mates in Mind* aims to raise awareness and understanding of poor mental health in the construction sector by bringing the industry together to openly talk and address the stigma associated with mental health through employer support and sharing of information.

With one in four people experiencing a mental health issue in their lifetime, the Centre for Mental Health estimates that 91 million working days are lost each year, a cost equivalent to employers of circa £26 billion.

In partnership with the launch of *Mates in Mind*, workshops were organised for delegates to further build on the lessons learnt in 2016 on respiratory diseases, designing out health issues from construction and how to appropriately approach mental health in the workplace.

Martin Temple, Chair of the Health and Safety Executive welcomed the delegates, who also heard from Patrick Heath-Lay, Chief Executive Officer, B&CE on building a healthier

future within the industry. Delegates also heard from Lee Rowland, a carpenter who for years suffered from mental ill-health and spoke about the widespread impacts on both his personal and professional life.

Clive Johnson, one of the founding members and chair of the HCLG and Group Head of Health, Safety and Security at Land Securities, said, "With suicide causing ten times more deaths than accidents on sites, it is imperative that the industry is truly aware of the deeply impactful consequences of unaddressed mental health issues."

"In raising this issue with over 300 industry leaders, we have set the foundations to addressing mental health openly, confidently and honestly within the construction industry; not just by 'starting the conversation' but by providing delegates with the skills and knowledge to go back into their workplace and address this issue head on".

Minister for Public Health and Innovation, Nicola Blackwood said: “Everyone needs support and care from those around them, and it is great to see such attention given to mental health within the construction industry. We spend so much of our time at work so I welcome the work that *Mates in Mind* is doing to raise awareness and understanding, particularly as suicide is a major cause of death. This government is determined to address the struggles faced by people with mental ill-health, and our recently updated suicide prevention strategy will make sure help is given to those who need it the most.”



Over 100 CEOs attended the second health summit, under the guidance of the Health in Construction Leadership Group, to tackle occupational ill-health.

## How do I Renew My Membership?

**We are still open for renewals of membership!** It is very simple to renew. Simply log into your My BOHS account, click on ‘Memberships’ and then ‘renew’. Alternatively, you can call us on **01332 250714** so we can take payment over the phone.

The fees for 2017 are below.

Grade	2017 Fees
Student	£15
Individual member	£75
Individual member (retired)	£34
Affiliate member	£160
Associate	£82
Licentiate	£90
Chartered Member	£102
Fellow	£128

## Remember, your membership gives you:

- ◆ **FREE** regional meetings and webinars – ideal for networking and increasing knowledge.
- ◆ Specially **discounted rates** at BOHS conferences and events – you could **save £150** at the BOHS annual conference alone!
- ◆ **FREE** *Exposure* magazine and e-bulletins – for industry and society news.
- ◆ **FREE** subscription to the full archive of *The Annals of Work Exposures and Health* – **worth over £1,000!**
- ◆ Manage your membership via your own web portal: **view job vacancies** and **view publications**.
- ◆ **20% discount** on Oxford University Press titles (public health and epidemiology).
- ◆ Access to a range of **awards** that help your professional development.
- ◆ Enhance your **professional development** via CPD and volunteering.
- ◆ **Support** with career development, and the unique opportunity to become a **Chartered Occupational Hygienist**.

# OH2017



## Exhibitor Packages

### 3 x 2m shell space £1,750

**Includes:**

- 2 delegate places including entry to all conference sessions and daytime refreshments
- Logo and company profile in the conference programme
- Logo and link from the OH2017 website to your website
- Listing in email campaigns and social media posts
- Logo on holding slides throughout the conference

## Sponsorship Packages

### Social Sponsorship Packages £POA

**Choice of:**

- Branding & sponsorship of the welcome drinks reception within the exhibition area, or
- Offsite drinks reception **\*SOLD\***

**Includes:**

- 4 x 3m or 6 x 2m exhibition shell space
- 4 delegate places including entry to all conference sessions and daytime refreshments
- Logo and company profile in the conference programme
- Logo and link from the OH2017 website to your website
- Listing in email campaigns and social media posts
- Logo on holding slides throughout the conference

### Sponsorship Packages £4500 each

**Choice of:**

- Delegate bags **\*SOLD\***
- Delegate badges & lanyards **\*SOLD\***
- Gala Dinner sponsorship package\*

**Includes:**

- 3 x 2m exhibition shell space
- Logo on bags/badges & lanyards **OR** logo on dinner menus/holding slide/pull-up banners
- 2 delegate places including entry to all conference sessions and daytime refreshments
- Logo and company profile in the conference programme
- Logo and link from the OH2017 website to your website
- Listing in email campaigns and social media posts
- Logo on holding slides throughout the conference

\* 2 x dinner tickets for the gala dinner included in package

**Got an idea?  
Something you have  
done or seen at  
another conference?**

Please contact us if you would like to design a package of your own or if there is something you would like to do to enhance your presence at the conference.

### Insert into Delegate Bags

- Single sheet flyer (A4/A5)  
**£300**
- Brochure or branded promotional item  
**£500**

### Additional Branding Opportunities £POA

**Choice of:**

- Pre dinner drinks (Gala dinner evening)
- Directional sticker signage (A3)
- Directional 'feet' stickers
- Refreshment breaks

All prices are subject to UK VAT at 20%

**For further information or to book a package  
Tel: +44 (0)1332 250713 or Email: [conferences@bohs.org](mailto:conferences@bohs.org)**

EARLY BIRD ENDS  
28 FEBRUARY 2017

Find out what's happening at OH2017

Open up the middle pages for more details about  
the conference and benefits of booking

# OH2017

**BOHS**  
The Chartered Society for  
Worker Health Protection

The Premier  
Conference for  
Occupational  
Hygiene  
in the UK

Harrogate  
International  
Centre  
24 - 27 April 2017

**Early Bird bookings  
are now open for what  
we anticipate to be a  
fantastic conference.**

Book now and take advantage of our  
discounted Early Bird rates which are  
available until 28 February 2017.

The three day conference will bring  
together researchers, practitioners,  
regulators and other experts from  
around the world to discuss the  
very latest in issues that affect  
health at work.

Professional development courses  
will take place on Monday 24 April.

## Sponsorship and Exhibition Opportunities

See reverse for more details.

## Accommodation

Book your accommodation at

[www.oh-2017.com/  
accommodation/](http://www.oh-2017.com/accommodation/)

### Conference Rates 25 - 27 April 2016

Delegate Type	Full Conference	Early Bird*	Day Rate
BOHS Member	£610	£500	£295
Speaker**	£530	£445	£265
Non Member	£755	£700	£375
Student	£245	£245	£125

Cancellations received after 31 January 2017 are  
**NOT** entitled to a refund but substitutions will be  
accepted.

#### Early Bird\*

Early Bird rates available until 28 February 2017.

#### Speaker Concessions\*\*

BOHS will continue its offer to speakers for one free  
day's attendance at the conference. If one or more of  
your submissions are successful, you will be entitled  
to the following:

- Free attendance on the day you are presenting\*\*\*  
**or;**
- If you wish to attend the full conference we have  
a discounted rate for speakers, bookable from  
December via the website.

\*\* Does not apply to IGNITE presenters.

\*\*\* Maximum of one day free for those presenting on  
one or more days at conference.

All rates above are subject to UK VAT at the  
appropriate rate, currently 20%.

### Professional Development Courses (PDC's) Monday 24 April 2017

See centre pages for more details.

**3 PDC courses available**

**£200 + VAT per PDC**

Book now at

[www.oh-2017.com/professional-development/](http://www.oh-2017.com/professional-development/)

Book now by visiting  
[www.oh-2017.com/registration/](http://www.oh-2017.com/registration/)

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