



NEWSLETTER



International Commission on
Occupational Health - ICOH

Commission Internationale de
la Santé au Travail - CIST

Volume 15, Number 2

October 2017

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Message from the President

Intensive planning for ICOH 2018 Dublin

The Faculty of Occupational Medicine, Royal College of Physicians in Ireland, the host of the Congress has done great work in planning and preparing for the Congress. The Congress team is led very competently and professionally by Dr. Martin Hogan and Prof. Ken Addley.



[ICOH 2018 Dublin Congress Facility, photo: courtesy of Prof. Sergio Iavicoli]

The planning is carried out in collaboration with ICOH Scientific Committees and individual ICOH Members and coordinated by Dr. Marilyn Fingerhut, vice-president of ICOH. A record number of abstracts were received from attendees, and these were complemented with further abstracts for Special Sessions arranged with ICOH Scientific Committees and closely related institutions and organisations. The Conference facility is very attractive, located in the centre of Dublin, next to the Liffey River and the Samuel Beckett Bridge, see picture below. We are confident that the Congress will be highly popular and successful. Further details from www.ich2018.org



Latest events

The International Labour Organization (ILO) organised the annual ILO Conference for governments and employers' and workers' organisations in Palais des Nations in Geneva in early June. The agenda included an assessment of the implementation around the world of several ILO Occupational Safety and Health Conventions. When adopting the latest Promotional Framework Convention on Occupational Safety and Health, No.187 in 2006 I asked the Member States to ratify the convention and proposed a target of 100 ratifications in 10 years. Unfortunately, only 50 have done so and these exclude many of the world's most populated countries that would greatly benefit from ratification and implementation. So the coverage is 50 % of the target and in reality a tiny fraction of the workers of the world. More on these global problems will be presented in the forthcoming ILO-ISSA-Singapore Congress on 3-6 September 2017, see www.safety.2017singapore.com New results of the "Global Estimates and Cost Estimates" project – including



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The responsibility for opinions
expressed in signed articles, studies
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expressed in them.

The ICOH Newsletter contents
may freely be translated into other
languages and disseminated among
ICOH members.

ICOH contributions – will be released. ICOH will also arrange, as an integral part of the Congress, a Symposium on “Prevention of Occupational Cancer” including presentations by prominent expert and policy leaders on 4 September. The outcome of this event will be taken to ICOH 2018 in Dublin for further debate.

The Department of Health Sciences of the University of Milano arranged an International Conference on “Harmonising diagnosis, reporting and prevention of Occupational Diseases in the world” based on the latest approved “List of Occupational Diseases” of ILO. I recall the lengthy – more than 10 years - process in the ILO leading to the list, special thanks go to the relentless efforts by Dr. Shengli Niu of the ILO. However, such a List would be a dead letter without proper diagnosis and related criteria. Prof. Claudio Colosio and the expert team have done impressive work in compiling comprehensive documentation to be released soon.

Little did I know when sitting next to Prof. Tar-Ching AW – a prominent expert in occupational diseases - at the Conference dinner table in Milan that it would be my last encounter. I have just received the sad news that he died unexpectedly and suddenly in the UK on 18 July, 2017. An obituary is in this Newsletter.

The International SOS Foundation is an organisation that is concerned on health of those workers who do not work in their home country, are dispatched to often remote locations to work for extended periods of time and often in challenging conditions. The Foundation arranged a Duty of Care Summit in Berlin (see www.dutyofcareawards.org) at the end of June and this prompted me to consult with all of you who read this Message on the following ideas.

Is there a need for an operational organisation in global occupational health and safety(OSH)?

Throughout my 45 years’ international career in OSH have continuously experienced a lack of stable resources for operational work, in particular, internationally and in locations where

resources simply do not exist. The world of work is not easily changed by just evidence and knowledge. Those who really need support, workers in developing countries or those working less than decent conditions, have limited knowledge and no resources. How about establishing an International Work Life Foundation? We do have such foundations for heart diseases, cancer foundations even specific ones, such as Skin Cancer Foundation. Many of them have sizeable budgets. Meanwhile we know the limitations of international organisations, such as the World Health Organisation (WHO) and ILO and they also need operational support. I believe that health and safety at work globally is a more than relevant issue to be tackled concretely by such a proposed foundation. The occupational safety and health scope is wide so it would be impossible to have such foundations for each occupational disease, disorder or related risk factor, but an overarching one would be beneficial for workforces across the globe.

ICOH could be a co-founder, and other like-minded institutions including ICOH Sustaining Members, Affiliate Members and of course individual members could join and play a role. Sister organizations and foundations, such as those mentioned above could be invited to cooperate. An interesting model of operation is also the Médecins Sans Frontières – Doctors without Borders. One could combine fund raising and operational action, and practical evidence and research, while keeping the ethical priorities clear in mind. ICOH’s role could be also to provide experts or specialty expert groups for specific needs and for selected countries, areas, sectors, and risk factors.

What do you think? I would be pleased to hear comments personally, and those interested could establish a mailing list, LinkedIn or similar discussion fora. We may also discuss the proposal further in Dublin.

Jukka Takala
President of ICOH

News from Secretary General

ICOH long-lasting collaboration with WHO



I would like to focus on the important role played by ICOH in its capacity of entity in official relation with the WHO and on the mutual benefits deriving from this long-term collaboration. “Official relations” is a privilege that the WHO Executive Board may grant to non-governmental organisations (NGOs) that have a continuous and systematic engagement in the interest of WHO. This means that the aims and activities of the NGOs in official relation with WHO shall be in conformity with the spirit, purposes and principles of WHO’s Constitution. The basis of an official relationship is a mutually agreed three-year plan for collaboration, whose results are reviewed by the WHO Executive Board at the end of the triennial period.

Since 1948, WHO has recognised ICOH as an official NGO. The most recent confirmation was renewed at the 140th session of the WHO Executive Board in January 2017.

ICOH continues its close collaboration with the WHO in implementing the WHO Global Plan of Action on Workers’ Health (2008-2017). In the last years, ICOH supported many regional and country level activities, pilot projects and development of practical guidelines for Basic Occupational Health Services (BOHS) for underserved workers and workers without access to occupational health services to date. Currently, ICOH is also collaborating in the systematic reviews on the burden of additional pairs of occupational risks and health outcomes for the WHO/ILO joint methodology for estimating the extent of the work-related burden of disease and injury. Many ICOH SCs confirmed their interest in contributing to the systematic reviews and some of them have already been formally

accepted to take part in the ongoing project. This continued commitment will contribute to the results of the overall project, which will be presented at the Seventy-first World Health Assembly, in May 2018, fostering the inclusion of a specific focus on the OSH issue in the future agenda.

Another aspect I would like to highlight concerns the benefits which our organisation derives from this key collaboration with WHO. As a direct benefit for our membership, ICOH members in good standing are granted a 40% reduction on all WHO information products. On a broader scale, WHO provides its contribution to the ICOH international triennial Congress, where WHO leadership, headquarters and regional staff are key participants, speakers and organisers of special sessions. For the upcoming ICOH International Congress, which will take place in Dublin, 29 April-4 May 2018, Dr. Maria Neira (Director, Public Health and the Environment Department, WHO) has joined the ICOH2018 International Scientific Committee, Dr. Kurt Straif (International Agency for Research on Cancer - IARC) will be the opening keynote speaker, and Dr. Gerry Eijkemans (Pan American Health Organization - PAHO) will be one of the plenary speakers - to mention just a few OSH experts. Furthermore, the 11th Meeting of the Global Network of WHO Collaborating Centres for Workers’ Health will be held in Dublin in conjunction with the ICOH Congress, confirming a long tradition where the WHO global network meetings have been held back-to-back with the ICOH triennial world congresses. This active commitment of WHO in ICOH events is extremely important to draw the attention to OSH issues, globally.

Thus, one of ICOH’s strategic goals is to keep this strong and productive relation alive, also in the years to come.



Prof. Sergio Iavicoli
ICOH Secretary-General

Message from the Editor

Dear Members,

In this issue we publish the curricula vitae (CVs) of the candidates for the posts of ICOH Officers and ICOH Board Members for the upcoming Triennium 2018-2021. Please review the CVs of all the candidates, to inform your vote. Other important announcements are the “Description of Call for Candidates for Chair of each Scientific Committee and Expressions of Interest in becoming Secretary, Scientific Committee for the Triennium 2018 - 2021” and “Information on Bid Submission for ICOH 2024 Congress”.

There are eight articles on members’ activities from Finnish friends, Nigeria, EPICOH, the SC on Shiftwork and Working Time, the Working Group on Occupational Infectious Agents, the Australian and New Zealand Society of Occupational Medicine Inc (ANZSOM) and the Indian Association of Occupational Health (IAOH).

We have two valuable papers debating hot topics: “Minimum standards on prevention, diagnosis and treatment of occupational and work-related skin diseases in Europe: a consensus-based approach”; and “Depression and the relation of mental disorders to work”.

I want to encourage members to submit updates on upcoming events in their SCs, current events in our fields, and other important news/information that can be included in our newsletter. In particular, consider the “Open Mic Corner” to be a place where you can communicate with ICOH members.

The editorial planning of the ICOH Newsletter

For 2018:

- 1) Vol 1: 1st APRIL (deadline for article submission: 10th FEBRUARY)
- 2) Vol 2: 1st AUGUST (deadline for article submission: 10th JUNE)
- 3) Vol 3: 1st DECEMBER (deadline for article submission: 10th OCTOBER)

Changes of Addresses

The ICOH Newsletter is published in two versions: in hard copy and electronic format. All active ICOH members, who paid membership fees for the triennium 2012-2015, receive it by e-mail and postal mail. To receive both versions, both the e-mail address and the postal address registered with the ICOH Secretariat need to be correct. Please inform ICOH of any changes to your addresses, by communicating with the Editorial Office (toxneuro@kosha.or.kr) or the ICOH Secretariat (icoh@inail.it).



Eun-A Kim
Editor-in-Chief,
ICOH Newsletter

Announcement

Information on Bid Submission for ICOH 2024 Congress

Deadline: January 28, 2018

The procedure for bid submission to compete for the venue of future ICOH congresses is indicated in Bye-Law 7, Section 1 that reads:

“Applications for hosting an International Congress should reach the ICOH office at least three months before the First General Assembly of the next International Congress and be signed by at least five members of ICOH in good standing of that country”.

With specific reference to the bid submission to compete for the venue of the ICOH 2024 Congress, the required original documentation and electronic version shall be received by ICOH Secretariat General by January 28, 2018 (three months before the First General Assembly of ICOH2018 Congress). No applications will be accepted after this deadline.

For all additional information, please refer to the Guidelines for ICOH Congress Organisation available in the CORE DOCUMENTS section of the ICOH website (http://www.icohweb.org/site_new/ico_core_documents.asp).

Opening of Call for Candidates for Chair of each Scientific Committee and Expressions of Interest in becoming Secretary, Scientific Committee for the Triennium 2018 - 2021

Summary: This article opens the Call for Candidates for SC Chair and Expression of Interest for becoming SC Secretary. Key actions and due dates are in the table below. During June the SC Chairs and Secretaries inform the members about the Call for Candidates. By September 15, 2017, each candidate shall provide by email, to the current Secretary of the SC, support from at least three members in good standing in said SC, a written agreement from the candidate that he or she is willing to serve if elected, and a CV of no more than 150 words. Also, the completed Transparency Declaration

form must be sent privately to ICOH@inail.it (only to this e-mail) for the staff of the Secretary General. By October 1, 2017, if there is more than one Candidate for SC Chair, the current SC Chair/Secretary shall propose to the Vice President the secret ballot election procedure (virtual or in Business Meeting). If by e-mail ballot, then by October 29, 2017 the current SC Secretary shall send the ballot with accompanying Candidate names and materials ONLY to SC members in good standing. Ballots must be returned to the SC Secretary by December 1, 2017.

SC Leadership for the Triennium 2018 – 2021 is provided by the SC Chair and Secretary, who may hold each position for no more than two three-year terms. The Chair is elected by ICOH members in good standing (dues paid). The proposed Chair chooses the Secretary of the SC, who must be willing to hold the position. Both must be ICOH members in good standing. If there is more than one Candidate for SC Chair, a secret ballot election is required. The current SC Chair and Secretary decide whether the election takes place virtually prior to, or during the SC Business Meeting at ICOH2018.

At the ICOH Midterm Meeting in Florence (March 2017) there were discussions about assisting smooth transitions between past and incoming SC Chairs and Secretaries in order to share information, to understand the responsibilities, and to increase SC collaborations. There was agreement that carrying out the election of the 2018 – 2021 Triennium SC Chair and identification of the SC Secretary prior to the ICOH2018 Congress would be very helpful. We are tentatively planning a meeting on Thursday during the Business Meeting time (17:30-19:00) at the Dublin

ICOH2018 Congress, for the past and incoming SC Chairs and Secretaries to meet. (A parallel meeting will be held for past and incoming National Secretaries.) See <http://icoh2018.org/wp/wp-content/uploads/2017/03/ICOH-2018-At-A-Glance.pdf>. Therefore, we hope our past and incoming SC Chairs and Secretaries will participate in the ICOH2018 Congress in Dublin.

The requirements are described in Article 2 of the Guidelines for Scientific Committees: Scientific Committee Officer

Election and/or Appointment (http://www.icohweb.org/site/multimedia/core_documents/pdf/Guidelines_for_Scientific_Committees_amended%2008.02.14.pdf.)

Eligibility and Nomination Candidates who intend to be nominated for Chair of a SC must be ICOH members in good standing, and confirmed by the Secretary General as such.

1. Each candidate shall provide to the Secretary of the SC support from at least three members of the SC in good standing.
2. Candidates must provide a written agreement that they are willing to serve if elected.
3. Candidates must provide a CV of no more than 150 words.
4. Candidates must be eligible under Bye-Law 11 and Article 2 of these Guidelines.
5. The Transparency Declaration form must be completed and transmitted privately to the staff of the Secretary General (using only the e-mail address icoh@inail.it).

Voting and Election

1. Only ICOH SC members in good standing, as confirmed by the Secretary General, may vote.
2. If there is more than one nominee for the Chair position, the election takes place by secret ballot, organised by the officers of the SC.
3. The election may take place at a business meeting of the SC.
4. Alternatively, the Secretary of the SC sends the names and accompanying public materials of the candidates for the position of Chair by e-mail to the SC members in good standing, at least six months before the first day of the ICOH International Congress.
5. The voting procedures will be proposed to the Vice President in charge of SCs by the SC Chair and after approval, election will take place under the responsibility of the Secretary of the SC.
6. The proposed Chair chooses the Secretary of the SC, who must be willing to hold the position and is an ICOH member in good standing, as confirmed by the Secretary General.

Appointment of SC Chair and SC Secretary

This takes place early in the 2018 – 2021 Triennium by the newly elected ICOH President.

Timeframe for SC Chair Election and Identification of SC Secretary

This Timeframe meets the requirements of Article 2. The Actions are done separately by each SC.

Timeframe for SC Chair Election and Identification of Secretary

This Timeframe meets the requirements of Article 2. The Actions are done separately by each SC.

Action Required in Article 2 of Guidelines for Scientific Committees	Months before 2018 Congress	Date
VP consults with SC Chairs/ Secs regarding Procedures		June 2017
SC Officers inform members and invite candidates for Chair and Expressions of Interest for Secretary.		June 2017
Candidate names for SC Chair and SC Secretary and the required materials (support from at least three members of the SC in good standing, a written agreement from the candidate that he or she is willing to serve if elected, and a CV of no more than 150 words) are sent to the SC Secretary. Also, the Transparency Declaration form must be sent privately to ICOH@inail.it (only to this email) for the staff of the Secretary General		September 15 2017
If more than 1 candidate, SC Chair and Sec propose the election procedure (either secret ballot or Business Meeting) to the VP.		October 1, 2017
If by ballot, SC Secretary sends names, curriculum vitae, and agreement to become the SC Chair by email ONLY to SC members in good standing.	At least 6 months	Oct 29, 2017

Ballots due to SC Secretary		December 1, 2017
SC Chair transmits voting results to SC VP in a report of the voting procedure, including a list of voting members, and CV and declaration of elected Chair willingness to serve.		February 1, 2018
VP consults with elected Chair to learn which person is identified to become Secretary		March 1, 2018

VP transmits results for all SCs to ICOH Secretary General with all relevant Declarations of Interest completed by the candidates for the next steps to be completed in the new triennium, including payment of the fees to be approved by General Assembly at the end of ICOH2018.		March 29, 2018
Appointment occurs after ICOH2018 by new ICOH President for 2018-2021		

Next Book



Occupational health: the value proposition cites evidence that shows organisations most commonly rank occupational health involvement as the most effective method for managing the problem of employee long-term absence from work. The document also reports that a healthy workplace culture and the adoption of a

systematic approach to occupational health can contribute to the success of an organisation. SOM Patron, Lord Blunkett, said of the findings: “This report provides a comprehensive analysis and evidence review of the value of occupational

health. It comes at a critical time for the policy agenda for work and health, and the challenge of the productivity gap. It is essential reading for managers, clinicians and policy makers.”

To read the full press release please click [here](#). To view the report Occupational health: the value proposition please click [here](#). To download the three leaflets that have been produced alongside the report, please click on the following links:

- Occupational health: A guide for company directors and commissioners of services
- Occupational health: A guide for line managers and HR professionals
- Occupational health: A guide for workers and their representatives

Next Events

Reproductive Health in Upcoming ICOH 2018

We welcome our members to the upcoming “32nd International Congress on Occupational Health” which is going to be held from 29 April to 4 May 2018 in Dublin. The venue offers a great location for our attendees to enjoy the conference and share the latest research results. Members of the ICOH SC on Reproductive Hazards in the Workplace (RHICOH) were invited to submit their abstracts for the sessions of “Reproductive Hazards in the Workplace” (by the deadline of 16 July 2017). Authors were invited to submit abstracts covering, but not limited to, the following topics of interest: (1) Male mediated developmental toxicity, (2) Endocrine disruption chemicals, (3) Gene-environmental interaction in reproductive health, (4) Ergonomic risk factors for adverse pregnancy outcomes, (5) Reproductive health in the electronics industry, and (6) Reproductive hazards in developing countries. Also, we will be holding the SC Business Meeting at which time a new SC Chair and Secretary will be elected by SC members in good standing. Candidates expressing interest to become SC Chair or Secretary can contact the current Chair, PC Chen, and current Secretary, HY Yang, regarding the procedures. We look forward to seeing you in Dublin.

Professor Pau-Chung Chen
Chair of ICOH SC on Reproductive Hazards in the Workplace (RHICOH)
(E-mail: pchen@ntu.edu.tw)

Dr. Hsiao-Yu Yang
Secretary of ICOH SC on Reproductive Hazards in the Workplace
(E-mail: hyang@ntu.edu.tw)

Annual Scientific Meeting 2017

FREMANTLE, WA 20th - 23rd August, 2017



The Australian & New Zealand Society of Occupational Medicine

Annual Scientific Meeting 2017 FREMANTLE, WA 20th - 23rd August, 2017

(plus a pre-conference visit to
Rottnest Island 19th to 20th August 2017)

BETTER TOGETHER

The theme “**Better Together**” recognises the diverse nature of the occupational health community and focuses on bringing health professionals together for an exciting learning and networking experience.

Featuring...

-  **Keynote address by Assoc. Prof. Peter Connaughton:** Presenting reflections on the value and future opportunities of occupational health.
-  **Worksite visits:** These provide a hands-on insight into the varying nature of work and the issues facing occupational health professionals. They include visits to Rottnest Island Authority, Austal Ships, Fiona Stanley Hospital, and Orthocell.
-  **CPR Update:** An opportunity to meet your certification requirements.
-  **Mental Health First Aid Course:** Qualifies you to be an Accredited Mental Health First Aid Officer.

Obituary Notice

Professor Tar-Ching Aw (1948-2017)

The international occupational health community was hit by a painful and irreplaceable loss by the sudden death of Tar-Ching Aw on 18 July 2017.

Ching was born on 17 July 1948 in the then British colony of Malaya. He had an idyllic childhood in the rural state of Kelantan before going to the capital city of Kuala Lumpur for his high school and enrolling for medical studies in the University of Malaya. He qualified in Medicine in 1971 and this was followed by degrees in Public Health from the University of Singapore in 1974, Occupational Medicine (with distinction) from the University of London in 1975 and a PhD from the Faculty of Medicine, University of London in 1980. He was board certified in occupational medicine in the USA in 1985.

He had an illustrious career in many parts of the world. He initially worked in clinical appointments in Singapore hospitals and as a trainee lecturer at the University of Singapore, before relocating to the UK, where he was appointed as a Medical Advisor in the Health and Safety Executive. His next career move was to the USA, as an Epidemic Intelligence Service officer with the Centers for Disease Control and Prevention in Atlanta, Georgia, and then as an occupational physician with the National Institute for Occupational Safety and Health, NIOSH, in Cincinnati, Ohio. His longest term of employment was as an academic with the Institute of Occupational Health in the University of Birmingham from 1985 to 2001. He subsequently held a string of other senior academic appointments; as Professor of Occupational Medicine in the University of Kent, as Chairman of the Department of Community Medicine, Director of the Institute of Public

Health and Interim Dean of the College of Medicine and Health Sciences, United Arab Emirates University and Eminent Visiting Professor to the Institute of Health Sciences of the University Brunei Darussalam. His last appointment was as the Chief Occupational Health Advisor, Abu Dhabi National Oil Company.

Aptly described as a truly cosmopolitan occupational health professional, Ching had an encyclopaedic knowledge and a wealth of experience on different countries, cultures, institutions and professional communities. These attributes, together with his broad and deep competence and warm humanism made him an excellent member in the international professional communities, such as ICOH, EASOM, ACOH and many others. He served as a key professional in dozens of expert committees in the UK, Asia, USA, EU and the inter-Governmental organisations, ILO and WHO. Within ICOH, Ching served with distinction as an elected ICOH board member for two terms from 2000 to 2006. He was a familiar face and highly respected speaker at many ICOH congresses and Scientific Committee meetings.

Ching was always ready and generous in sharing his expertise and experience with others. He served as Director of the WHO Collaborating Centre for Occupational Health at United Arab Emirates University. He was active in the WHO Global Network of Collaborating Centres in Occupational Health and responsible for projects for health care workers' health protection and for training in occupational health, he served the ILO as a member of the Experts Core Group for guidance on diagnostic and exposure criteria for occupational diseases and he chaired the EU expert group on European guidance for diagnosis of occupational diseases, providing a guiding annex to the EU official list of occupational diseases. This work continued with his significant contributions to the drafting of an ASEAN Criteria for Diagnosis of Occupational Diseases. His last international mission was a key contribution to the

drafting of the ILO Occupational Disease Guide Book in Milan in June 2017.

Although he had many important service appointments and was highly regarded as an international consultant, Ching is probably best known in his role as an academic. He was a superb teacher and a much loved mentor to generations of occupational health professionals. Perhaps the greatest legacy of his remarkable and distinguished career will be the thousands of occupational physicians and occupational health practitioners whom he has inspired and developed. They are scattered far and wide across the globe and through their efforts, the lives and health of countless workers have been improved.

While expressing our condolences and participation to the Family, we remember with great gratitude Tar Ching Aw - a cosmopolitan Medical Doctor who was an exemplary professional, a collegial role model and friend for all of us.

With his family's consent, we have established a Research Memorial Fund (details at <https://www.som.org.uk/donate-som>).

*Written by, on behalf of all of us in ICOH:
David Koh and Jorma Rantanen,
Friends of Tar Ching Aw*



Members' Activity

THE MEETING OF FINNISH FRIENDS OF ICOH

Jarmo Heikkinen
ICOH National Secretary for Finland
MD, Specialist Physician in OH
jarmo.k.heikkinen@uef.fi



We organised a national meeting for “Friends of ICOH”, on 31 May in Helsinki, Finland. We were pleased to have 24 attendants present plus a few attendants via Skype. The agenda consisted of several items.

Firstly, former president of ICOH, Jorma Rantanen, gave a summary about the history, nature, importance and impact of the many activities of ICOH. The compact presentation covered some aspects of research, communication, education, good practices and ethics, too. Manager Kirsi Ahola presented some points of view on co-operation and activities with ICOH from the perspective of the Finnish Institute for Occupational Health (FIOH). ICOH Board member Kari Reijula has been active in several international associations. His conclusion was that the more one participates, not only does one benefit personally, but one can then share expertise with others and can also influence the development of healthy working life, even globally. Being active internationally should be an obvious choice for all occupational health professionals. Former ICOH Board member Timo Leino promoted the upcoming ICOH2018 Congress in Dublin. ICOH National Secretary for Finland, Jarmo Heikkinen, presented some of the major benefits for members of ICOH. The election of ICOH Board members for the next triennium (2018-2021) was also discussed.

To conclude, there had been a need for a national gathering of “Friends of ICOH”, obviously. The number of participants exceeded the preliminary estimate and the participants

discussed all agenda items with enthusiasm. Also, a vibrant discussion took place on how to increase the recognition of ICOH, and co-operation and activities among the Finnish members and “Friends of ICOH”. Some practical ideas to promote communication and recruitment of new members were presented, too. Finland is a country where occupational health and other professionals are scattered across long distances, hence the remote access by Skype worked well, helping several members to participate. Finally, the author is convinced that the meeting gave ideas and positive energy for future activities!



OH News from Nigeria

Dr. Okon Akiba
ICOH National Secretary for Nigeria; President of the Society of Occupational and Environmental Health Physicians of Nigeria, SOEHPON

The ILO World Day for Safety and Health (WDS&H) 2017, was marked in Nigeria’s capital city, Abuja, on April 28 with the theme –‘Optimising the collection and use of OSH data’



The event was hosted by Nigeria's Federal Ministry of Labour and Employment, in collaboration with the ILO, OSH Professional Bodies/Stakeholders, as well as relevant OSH Government Ministries, Agencies and Departments (MDAS), trade unions, employer organisations, etc.

There was a keynote address by the Minister of Labour and Employment, who also launched the just completed "National OSH Profile", as a prelude to the review of the "National OSH Policy".

Papers were presented on the following topics:

- An overview of the National OSH Information and Data Management System in Nigeria
- Optimising the collection and use of OSH data for effective promotion of preventive culture
- Health screening of employees in Nigerian workplaces: Issues, challenges and opportunities
- Credible OSH data, for effective safety management at enterprise level

This was followed by practical demonstrations on basic first aid at work, interactive sessions, comments/responses and Q&A.

Dr. Uche Enumah, National Secretary of SOEHPON, represented the President. He delivered the SOEHPON President's goodwill message and participated effectively, along with other members of the Society, at this event.



The Nigerian OSH Bill 2005, sponsored by the Federal Ministry of Labour, is undergoing review with inputs invited from all OSH Professional bodies and Stakeholders. SOEHPON, in consultation with all its members at home and in the diaspora, made significant input into this Bill. This will be followed by a harmonisation meeting of OSH Professionals/Stakeholders before the Bill is sent to the Senate for public hearing.

Epidemiology in Occupational Health (EPICOH) – 2017 conference and Early Career Network

Dr. Neela Guha
(Secretary, SC EPICOH)



The 26th International Epidemiology in Occupational Health (EPICOH) conference was held August 28-31 2017 at the Edinburgh International Conference Centre. The ICOH SCOM/Modernet hosted a one day conference alongside EPICOH 2017 at the same venue. Professor David Coggon was awarded the EPICOH lifetime achievement award in 2017. Dr. Aaron Blair was the recipient of this award in 2016. The EPICOH conference was successful in promoting communication among epidemiologists, industrial hygienists, and other occupational health scientists worldwide. This conference also connected scientists and policymakers to work towards the common goal of eliminating occupational disease. Conference details have been published online <https://www.epicoh2017.org/>

EPICOH is currently accepting bids to host the 2019 conference. We have received no formal bids at this time. November 30 2017 is the deadline for receiving a formal bid. A decision will be made by December 30 2017. Bids from low and middle income countries are particularly encouraged; all bids will be welcome. For further information on bidding to host the EPICOH 2019 conference, please contact Dr. Leslie Stayner (lstayner@uic.edu) and Dr. Leon Guo (leonguo@ntu.edu.tw).

EPICOH has recently established a dedicated network to

promote networking, research and career development of early career researchers in the field of occupational health and epidemiology or other related disciplines. The group is targeted towards all students and researchers with fewer than 5 years of experience (from their terminal degree). Although these activities are designated for early career researchers, in practice they are open to all delegates who feel they would benefit from attending. One may subscribe to communications for the group online <https://www.linkedin.com/groups/8596499>.

Elections for formal positions for this group were held during the conference in Edinburgh. We would like to congratulate the following officers:

Chair: Marissa Baker, PhD (University of Washington)

Liaison to local conference organizing committee: Jackie Ferguson, MHS (UC Berkeley)

Officers responsible for mentoring/training programme: Susan Peters, PhD (Utrecht University) and Jate Ratanachina, MD (Imperial College)

Officer to establish formal structure of the committee: Tran Huynh, PhD (Drexel University)

Officer to coordinate subcommittees of topics of special interest: Amy Hall, PhD (IARC)

To join the EPICOH Early Career Network, please contact Dr. Laura Beane Freeman (freemala@mail.nih.gov) and Dr. Neela Guha (guhan@iarc.fr).

For the 2017 conference, the international peer-reviewed journal, Occupational and Environmental Medicine, sponsored the early career researcher prize, published the conference abstracts and ran a workshop to provide guidance on publishing papers in occupational epidemiology.

Please remember that ICOH members may join EPICOH at no additional cost. Please contact Dr. Neela Guha (guhan@iarc.fr) if you are interested in becoming a member.

ICOH WORKING GROUP ON OCCUPATIONAL INFECTIOUS AGENTS

Professor Mary Ross

(Chair: WGOIA)

Ms Claudina Nogueira (Secretary: WGOIA; ICOH Board Member)

Background

The ICOH Working Group on Occupational Infectious Agents (WGOIA), first established in 2003, received commendation for its outputs for the previous triennium (2012-2015). The President of ICOH, Dr. Jukka Takala, re-appointed Professor Mary Ross as Chair and Ms Claudina Nogueira as Secretary of the WGOIA for the triennium 2015-2018, and retained the following terms of reference from the previous triennium:

1. Advise the Officers and the Board on matters related to occupational infectious agents (OIAs)
2. Identify priority OIAs and groups of exposed workers to develop relevant guidelines and fact sheets to promote prevention and management of OIAs
3. Provide and disseminate information and generate action on OIAs through participation in national and international occupational health events and media
4. Liaise with relevant ICOH Scientific Committees regarding prevention of diseases by OIAs of common interest

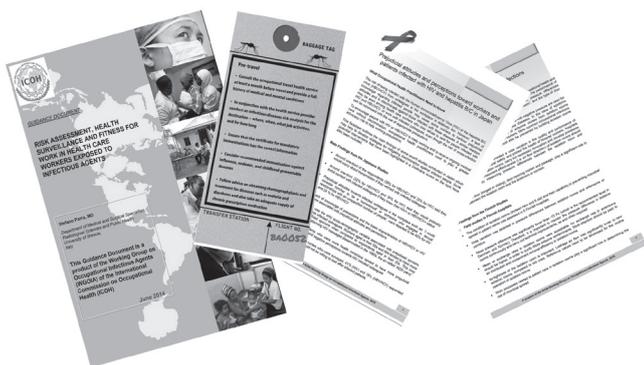
As at June 2017, the membership comprises 23 members from 13 countries in 6 continents

WGOIA Strategy and Focus Areas

At a meeting of the WGOIA during the ICOH Congress in Seoul in June 2015, members discussed achievements and proposed a workplan for 2015-2018, namely, to research what is already available in selected focus areas (particularly in areas of interest to members), to collaborate with relevant ICOH SCs and organisations to identify priority OIAs, and to develop or select a range of educational materials based on best available evidence to protect workers from OIAs.

The main occupational health approaches to each focus area

are: 'Fitness for work', 'Risk assessment' and 'Health surveillance'. The WGOIA identified existing and new focus areas to be researched in the first part of the triennium, and for development of fact sheets and other materials by the end of the triennium.



WGOIA outputs for the previous triennium (2012-2015)

- Two articles were provided to the ICOH Newsletter on the outputs from the WGOIA.
- The WGOIA organised and chaired an Oral Paper Session on OIAs; a Special Session on OIAs; and a Special Session on Mining at the ICOH2015 Congress in Seoul, South Korea.
- Two fact sheets emanated from two presentations delivered in the Special Session on OIAs at the ICOH2015 Congress:
 - Professor Kari Reijula – 'Isolation rooms in hospitals: Low performance and occupational infections'
 - Dr. Koji Wada – 'Prejudicial attitudes and perceptions toward workers and patients infected with HIV and hepatitis B/C in Japan'

An article by Professor Mary Ross on 'Guidance to workplaces and occupational health professionals in prevention of occupational infections' was published in the African Newsletter on Occupational Health in April 2015 (Volume 25, Number 1).

- An evidence based guidance document, authored by Professor Stefano Porru, on clinical best practice for HCWs: 'Risk assessment, health surveillance and fitness for work in health care workers exposed to infectious agents' was launched at the Joint Congress of the South African

Association of Occupational Medicine (SASOM) / African Regional Association of Occupational Health (ARAOH), in Johannesburg, August 2014. The guidance document includes appendices on immunisation and management of the more common infectious agents. It was uploaded to the GeoLibrary website in the fitness for work category and provided to the Vice President of the ICOH Board for distribution to National Secretaries.

- The '10 Tips on Infections for Occupational Travellers', a fact sheet in the format of a travellers' bookmark, was developed for occupational or travel medicine clinics to provide to occupational travellers. After finalisation at the Midterm meeting at the ICOH Joint Conference of three Scientific Committees in São Paulo - Brazil, September 2013, a South African version was launched at a national conference in November 2013 and distributed to Board members at the ICOH Midterm meeting in Finland in February 2014.
- As part of the WGOIA approach to increasing awareness, occupational health topics and tracks are actively encouraged at travel medicine conferences and courses and vice versa by members, to promote dissemination of information on OIAs.

The WGOIA Chair, Professor Mary Ross, gave a keynote address on 'Travel into Africa – a Corporate Perspective' at the South African Society for Travel Medicine international travel medicine conference in September 2012; obtained sponsorship for Professor Lucille Blumberg to deliver the keynote address on 'Infections, Occupations and Global Travel' at the São Paulo ICOH Conference in September 2013; and gave a presentation on 'Travel to Africa quo vadis?: the expatriate' at the national travel medicine conference in Durban, South Africa in September 2014.

- A chapter on occupational health for travellers was written for the South African Society for Travel Medicine's Guideline on travel medicine in 2012.
- In the previous triennium (2009-2012), the WGOIA prepared a workplace policy on HIV for ICOH. In keeping with the wider global focus on other infectious diseases and

the global ‘Stop TB’ programme, a combined HIV and tuberculosis management policy for occupational health services other than HCWs was developed.

WGOIA outputs for the current triennium (2015-2018)

The WGOIA took the opportunity of holding a Business Meeting to discuss progress at the recent ICOH Midterm Meeting in Firenze, Italy, 13 to 15 March 2017, as six of its members were present, in their capacities of Board members and/or Chairs of Scientific Committees and Working Groups. In addition, the contribution of the WGOIA to the next ICOH conference was planned.

The progress to date follows for each area, as well as guidance documents and activities that are under development.



Participants in the Business Meeting of the WGOIA at the ICOH Midterm Meeting, in Firenze, Italy, 14 March 2017. L to R: Ms Claudina Nogueira (Secretary, South Africa); Prof. Kari Reijula (Finland); Dr. Robert Orford (USA); Prof. Mary Ross (Chair, South Africa); Prof. Stefano Porru (Italy); Dr. Ruddy Facci (Brazil)

WGOIA contribution to the ICOH2018 Congress, Dublin, Ireland

- Professor Mary Ross has been invited to deliver a semi-plenary presentation on OIAs.
- The WGOIA Special Session ‘Occupational Infections: Linking Innovations and Practice’ will consist of five presentations from WGOIA members. The Session will give an overview of the research and innovations of the WGOIA during the 2015-2018 triennium, and will showcase priority infections and exposed groups, and their prevention and management. The Session will provide an opportunity to generate debate and consensus in order to disseminate information through fact sheets and guidelines.

- The WGOIA will also organise and chair an Oral Paper Session ‘Occupational Infectious Agents’, for which members will review abstracts submitted by conference participants.

Focus Area 1: Health Care Workers

- The WGOIA is cognisant of the potential overlap with the Scientific Committee on Occupational Health for Health Care Workers (SCHCW) to which several of the members belong.

Following successful interaction with members of the SCHCW to produce the guidance document on OIAs for health care workers (HCWs), the manual is being disseminated in Northern Italy by its author, Professor Stefano Porru, and is also being used for training in several African countries to determine the need for simplified fact sheets for implementation of programmes in developing countries. The content of the document is being updated with changes in the management of relevant infectious diseases. The intention is for the updated guidance document to be distributed to the WGOIA members, who can review the document and have it translated into other languages for use in their respective countries.

- Consultation with clinical microbiologists is underway to formulate information fact sheets on immunisation for HCWs.
- Dr. Albert Nienhaus organised an ICOH session ‘Infectious Diseases in HCWs’, in collaboration with Prof. Harth - ICOH Secretary in Germany - for the Annual Meeting of the German Society of Occupational and Environmental Health (Deutsche Gesellschaft für Arbeits- und Umweltmedizin DGAUM), which was held in Hamburg in March 2017.

Focus Area 2: Occupational Travel Medicine

A session was organised in October 2016 during the International Society for Travel Medicine (ISTM) regional conference in Port Elizabeth, South Africa by two members of the WGOIA (Professors Mary Ross and Peter Leggat) with a representative from CDC and international health practitioners involved in occupational health for travellers. Subsequent to discussions at the conference:

- an occupational health interest group has been established within the ISTM, and
- a review of priority infectious agents and their management for occupational (business and expatriate) travellers was initiated.

These initiatives are aimed at aligning travel medicine with occupational health.

Focus Area 3: Multilingual Fact Sheets and Guidance Documents

- At the Special Session of the WGOIA at the ICOH2015 Congress, fact sheets emanating from the presentations were distributed to the attendees. Furthermore, the fact sheets were incorporated into the chapter dedicated to Special Sessions in the Congress Report published and distributed after ICOH2015.

More fact sheets are being developed by WGOIA members leading up to the ICOH2018 Congress, and the final products will be disseminated to WGOIA members, Scientific Committees with shared interests, and the ICOH National Secretaries, should they want to adapt or translate the fact sheets for use in their respective countries.

- As an WGOIA output for the current triennium, a pandemic influenza policy is being collated by Professors Mary Ross and Kari Reijula, and Doctors Robert Orford and Ruddy Facci. Once finalised, a simplified version of the pandemic policy can be developed for use by Small and Medium Enterprises (SMEs), in line with the ICOH overarching focus area of participatory approaches in Basic Occupational Health Services, as per Dr. Kazu Kogi's request to the WGOIA.
- As another WGOIA output for the current triennium, the preparation of a position paper on 'Review of Occupational Infectious Agents' is being led by Professors Mary Ross and Stefano Porru and Dr. Robert Orford, with inputs from other members. The structure, contents, timelines and commitments for sections / priority groups / roles in preparation of the paper were discussed by the members present at the WGOIA Business Meeting in Firenze on 14 March 2017, and a draft outline is under development.

Focus Area 4: Priority Groups and Infectious Agents

- A 'back to basics' review of risk assessment for OIAs has been prepared for publication in the journal Occupational Health Southern Africa during 2017.
- During the current triennium (2015-2018), members have published or presented research in workplaces of particular personal interest. Identified targets are biohazards for waste and water workers, airborne infectious agents, and agricultural and rural workers.

Topics of publications, presentations, research projects and other public health outputs from WGOIA members have been varied and across multiple sectors. These range from hepatitis B, C and E as occupational risks to the management of sharps injuries; from the management of airborne infection control in health care facilities to ultraviolet germicidal irradiation; from the management of infectious diseases in peacekeeping travellers to integrated management technologies for recovery of added-value products, energy and clean water from waste waters. In addition, information leaflets on good health and safety practices for street trolley workers (informal sector) and on good hand washing practices were developed and disseminated.

Scientific Committee on Shiftwork and Working Time presents awards at its Biennial Meeting

Dr. Stephen Popkin, Secretary, SC on Shiftwork and Working Time

The Scientific Committee on Shiftwork and Working Time held its 23rd biennial meeting in Uluru, Australia, on 19-23 June, 2017. During the gala dinner, four awards were presented in three categories: 1) Fellow, which recognises members of the SC or its sister non-profit organisation Working Time Society (WTS), for their professional and organisational contributions over their career, 2) Honorary Member, which recognises the impactful work of those who are not members, and 3) Professional Impact Award, which recognises those whose strong work and ethics created change, but at a personal cost.

The Honorary awardees were:

1. Dr. Mikko Härmä (Finland) for his scientific contributions on critical working time issues ranging from foundational questions to practical solutions, his continuous enthusiasm to learn and mentor, and his impact on improving the health, safety and quality of life of the global workforce by influencing workplace management, government officials and worktime legislation.
2. Dr. Anders Knutsson (Sweden) for his forward looking research through his career, which focused on public and global health, social medicine and epidemiologic aspects of shiftwork. Through exploring the links to increased risk of coronary heart disease, breast cancer and stroke, and in sharing his knowledge with his students and colleagues, he has had a profound impact on the current thinking and well-being of shiftworkers globally.

The Honorary Award recipient was Dr. Josephine Arendt (United Kingdom) for her pioneering work in chronobiology and her exploration of the role of light and melatonin, from which so much of our knowledge about the effects of shiftwork and working time has been built, and her mentoring and philanthropic work, which has funded many post-graduate students over the years who have also contributed to shiftwork research.

The Professional Impact Award recipient was Dr. Kazutaka Kogi (Japan) for his distinguished career spanning over 50 years, two continents and eight senior positions both within and outside Japan, and which includes authoring hundreds of papers and presentations, advising 13 doctoral students and many mentees and serving as the president of the ICOH. Equally important and commendable has been his moral fortitude in standing up for what was right for the worker and science at the expense of his early career.

We wish all the awardees continued success and look to them as guideposts for our own careers.

Consensus papers of Shiftwork and Working Time

Professor Frida Fischer, Chair, SC on Shiftwork and Working Time

Dr. Stephen Popkin, Secretary, SC on Shiftwork and Working Time

Under the auspices of the ICOH, the Working Time Society (WTS) is producing a series of consensus papers focused on working hours, fatigue and OSH. The purpose of these papers is to provide an international agreement on the current state of research in these areas, identify associated health and safety risks, recommend guidelines for effective interventions to mitigate fatigue related to nonstandard working hours, and suggest future directions for research and interventions. Seven consensus papers, each lead by a WTS Board member, have been developed and will be presented to WTS members for feedback at the 2017 Symposium in Uluru, Australia. To ensure that all WTS members will be given an opportunity to provide comments and feedback for an unbiased consensus, we will also be posting the draft consensus papers on our WTS website for members who will not be attending the 2017 Symposium to submit their written comments. Following written feedback and discussions at the 2017 WTS Symposium, the papers will be finalised and published in a special issue of *Industrial Health*. This peer-reviewed journal, produced by the National Institute of Occupational Safety and Health (Japan), is widely recognised as an international scientific journal on OSH. In addition, articles are available as open access, allowing for greater reach and distribution among the intended audience. Our goal is to provide a guidance statement for researchers, industry members, workers, labour representatives and policy makers on managing fatigue associated with non-standard working hours and ensuring worker health and safety. The topics were conceptualised by the consensus paper co-chairs (Drew Dawson and Imelda Wong) with the intent to address the main concerns and hazards associated with shiftwork and long working hours.

The topics include:

- Evidence-based effects of shift work on physical health
- Collective xenobiotic and psychosocial stressors of relevance to the health and wellbeing of night and shift workers
- Evidence based light and food interventions to improve circadian adaptation to working hours
- Safety interventions to mitigate occupational sleep-related

fatigue

- Socio-cultural (family, community and society) aspects of shift work
- Regulatory approaches to reducing the risks associated with shift work: A global perspective
- Shift work as a competency: Training and education
- Designing, implementing and evaluating shift systems
- Evidence base on shift work tolerance and individual differences therein

Publication is expected in 2018.

Indian Association of Occupational Health (IAOH)

Dr. R. Rajesh
ICOH National Secretary for India

IAOH is committed to enable occupational health professionals to make India's work places healthy, safe and green — free from the ill effects of hazards, by evolving effective solutions; to be the nodal nongovernmental organization committed to attend highest standards of health in India by enabling stake holders, influencing policy makers and creating community consciousness.

New Office bearers of IAOH(I) for the term 2017-19 are elected unopposed

Sr. No	Name of the Office Bearer	Post
1	Dr. R. Rajesh	President
2	Dr. Sidram Kerappa Raut	Vice-President
3	Dr. J. Vijay Rao	Vice-President
4	Dr.(Maj.)Bishwadeep Paul	Hon' General Secretary
5	Dr. Sandeep Sharma	Joint Secretary
6	Dr. Sanjay Govind Rotithor	Treasurer



IAOH Basic Occupational Health Services (BOHS) initiative for Informal Industry



IAOH has initiated the Mission BOHS working on the principles of Universal Health Coverage and BOHS strategies of WHO, ILO, World Organization of Family Doctors (WONCA) and ICOH. Preliminary steps would involve creating a cadre of such physician functionaries or BOHS

advocates by training them in occupational health practice relevant for the informal sector.

A task force was appointed to list informal sector enterprises to study profile, size, characteristics of work and occupational health risks of each industry; revealing 22 informal industries. The Primary Care Physicians belong to formal primary health system including, Primary Health Centres (PHC)/Community Health Centres (CHC)/Sub-Centres, ESIS Hospitals under the Labour Ministry and Family Physicians. A manual on BOHS focused on this informal industry's health issues was published in November 2015 in print and E-book versions and is available in a

downloadable format from the IAOH website.

The IAOH team of Dr. Ramnik Parekh, R. Rajesh and Hitesh Shingalahas handed over BOHS training videos to Dr. NB Dholakia, Additional Director - Medical Services, Government of Gujarat. This is an integral part of capacity building in BOHS for primary care system doctors. Satellite telecast of these videos for PHC and CHC doctors is being conducted during regional meetings on the first and second Friday of every month.

Incidentally, this is the first project of “Vibrant Gujarat-2017” which has been completed. Congratulations to Team BOHS for this wonderful achievement.

International Vision Zero Conference



DGFASLI in collaboration with DGUV, Germany jointly organised an “International Vision Zero Conference on Occupational Safety and Health (OSH)” at Vigyan Bhavan, New Delhi 15-17 March, 2017. The event featured invitees and delegates from India and other countries. The theme of the conference was “Vision Zero on OSH”. More than 1500 delegates attended the conference thereby providing an opportunity for the sharing of best practices in OSH.

The National IAOH President Dr. R. Rajesh, Dr. C S Gulvady, Dr. G V Prabhu, Dr. Hiren Desai and Dr. Sandeep Sharma addressed the various sessions on OSH and many IAOH members participated in the conference.

Glimpses of Branch Activities

OCCUCON 2017

The 67th Annual National Conference of IAOH was organised from 8-11 February 2017, at India Habitat Centre, Delhi. More than 600 delegates from government/multinational/private/ NGO/educational institutions etc. participated in the event.

1. OCCUCON 2017 was inaugurated by the Chief Guest Hon'ble Union Minister of Labour and Employment, Shri Bandaru Dattatreya, Guest of Honour Secretary-Ministry of Labour and Employment, Smt. M Sathiyavathy, Chairman and CMD GAIL (India) Ltd, Chairman Medanta the Medicity, Dr. Naresh Trehan and MD Apollo Hospitals.

The Professional Development Course at the conference, was inaugurated on 8 February by the Chief Guest Dr. Soumya Swaminathan Secretary, Department of Health Research, Government of India and Director General, ICMR, Dr. UD Choubey DG General, SCOPE, and Padmashri/BC Roy awardee Dr. Yash Gulati.

Upcoming Events

68th National conference of IAOH (OCCUCON 2018) will be held in Pune, India, 18-21 January 2018. The theme of the conference is “Synchronisation of Health and Safety at the Workplace - A key compliance for business growth”

For more details please visit the upcoming event section of the IAOH website

<http://www.iaohindia.com/home>

HOT Topic

Minimum Standards on Prevention, Diagnosis and Treatment of Occupational and Work-related Skin Diseases in Europe: A consensus-based approach-



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Chief attending physician
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ICOH National Secretary for
Norway



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Chair of SC Occupational and
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UNIVERSITY OF OSNABRUECK
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Dermatological Prevention and Rehabilitation (iDerm) at the
University of Osnabrück
Lower-Saxonian Institute of Occupational Dermatology
(NIB)



Prof. Ana M. Gimenez-Arnau
Dermatology Department.
Hospital del Mar.
Universitat Autònoma. Barcelona,
Spain

On behalf of all STANDERM members (www.standerem.eu)

Skin diseases constitute up to 40% of all notified occupational diseases in Europe, comprising contact dermatitis, contact urticaria and in some countries, skin cancer. They are considered as one important emerging risk related to the exposure of chemical, physical and biological risk factors. Already in 2009, the EU Commission defined insufficient prevention of occupational skin diseases as a top

priority problem. Moreover, according to the World Health Organisation they represent a challenge for all workers.

Yet, many differences in the management of both work-related (WRSD) and recognized occupational skin diseases in a legal sense (OSD) prevail across European countries and around the Globe. Unfortunately still today, WRSD assessment in Europe is not homogeneous, mainly because of differences between the health systems across countries. As patients with WRSD do not differ with regard to their disease, they should be treated and assessed based on scientific evidence-based criteria.

Only few countries in Europe have established recommendations for the diagnosis and management of WRSD. For this reason, the EU-funded HORIZON 2020 COST Action “Development and implementation of European standards on prevention of occupational skin diseases (StanDerm)” established minimum standards for effective prevention, diagnosis and treatment of these diseases. To this end, a consensus-based approach by means of the Delphi method with over 80 experts (dermatologists, occupational physicians, health educators, epidemiologists) from 31 COST member countries (28 EU members plus Turkey, Bosnia and Herzegovina and Serbia) was successfully applied.

The position paper argues for the adoption of common (minimum) standards for the management of WRSD and OSD in Europe to help reduce the incidence of the disease and the socio-economic burden caused by these highly prevailing skin conditions. It looks into key areas such as the definition of WRSD/OSD, which, due to diverging national legal requirements, has an impact on registration, prevention, patient management and compensation of the disease. The paper pledges for transparent and easily accessible notification procedures to prevent a chronic and relapsing disease course. It claims that early diagnosis should be based on existing guidelines with a multidisciplinary approach as it is essential for individual patient management. Patch testing is also essential if the disease persists more than 3 months or if it relapses. Workplace exposure assessment is crucial for the management of WRSD/OSD, where full labeling of product ingredients on material safety data sheets (MSDS) will facilitate the identification of allergens, irritants and skin

carcinogens. Three prevention levels are to be taken into account: Primary prevention should focus on maintaining a healthy worker at a healthy workplace by appropriate risk assessment, adequate technical and organizational measures, suitable personal protective equipment and continuous worker education in terms of raising awareness. Secondary prevention should aim at avoiding chronic disease by early diagnosis and intervention at initial disease stages to induce behavioural change with a focus on proper skin protection thereafter. Tertiary prevention should aim at medical and occupational rehabilitation of workers with established chronic disease to enable return to work.

In addition to the above, unmet needs and future research areas were identified by the experts. These include: further epidemiological and intervention studies, identification of good practice examples, tackling under-reporting, improving access for affected workers to dermatologists and occupational physicians with expertise in occupational dermatology, achieving completeness and accuracy of MSDS and establishing primary prevention programmes. The minimum standards embedded in the position paper provide a blueprint of how to deal with prevention and management of WRSD and OSD. The adoption of these standards is voluntary, and is made available to all specialized physicians involved in occupational health, stakeholders, organizations and industry involved in preventing WRSD and OSD.

Reference

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[Alfonso JH, John SM, Giménez-Arnau AM et al. (2017) *J Eur Acad Dermatol Venereol* 31(Suppl. 4):31–43. <https://doi.org/10.1111/jdv14319>]

Depression and the relation of mental disorders to work.



Dr. Rosylane Rocha

Medical Specialist

President of the Brazilian Association of Occupational Medicine (ABRAMT - Associação Brasileira de Medicina do Trabalho)

Director of Legislation of the National Association of Occupational

Medicine (ANAMT - Associação Nacional de Medicina do Trabalho)

ICOH National Secretary for Brazil

Federal Counsel of Medicine

Depression as it is conceived today had its beginning in the seventeenth century; however, in biblical writings and mythology, physical and mental illness was seen from a mythical perspective, so the aetiology of maladies was attributed to a divine entity. The passage from mythic narrative to rational discourse, consolidated with Socrates (Athens, 469-399 BC), made the scientific thinking possible (Souza and Lacerda, 2013). Since then medicine has advanced a great deal and drugs and therapeutics have been developed for the recovery of the patient. So why do so many people get sick and do not recover? The reason is that out of 100 patients with depression, for example, less than ten consult a psychiatrist. Studies show that 50 to 60% of cases of depression are not diagnosed or do not receive adequate treatment; and 75 to 90% of people with depression have multiple depressive episodes, which tend to become more frequent, more severe, and more resistant to treatment over time.

According to the Brazilian National Institute for Social Security (INSS) statistical data for 2016, 37.8% of all absenteeism occurred due to mental disorders, with emphasis on depression, anxiety disorder, bipolar affective disorder, reaction to stress, adaptation disorder and mental and behavioural disorders due to the use of alcohol and cocaine. Out of the approximately 199 thousand individuals who were absent from work and received benefits, 75.3 thousand cases were due to depression.

Mental disorders have a great impact on individuals, their families and the community due to their incapacitation in terms of work, leisure and social activities.

Globally, depressive disorders rank fourth among all other disabling diseases. The WHO warns that by 2020, depression, the “mal du siècle”, will be the most disabling disease in the world and the second largest cause of dysfunction, behind heart disease.

There are situations where depression is under-diagnosed and treated as another disease. The patient is biased and fears being discriminated against, and even among health professionals there is great stigma, as a result of ignorance. Thus, he/she looks for alternative therapists, physicians from other specialties or other health professionals, which leads to the chronification of depression, making it impossible for the patient to return to work.

The path is early diagnosis and specialised treatment. In this sense, the labour physician plays a fundamental role since he/she is the first contact of the worker with medical assistance. Periodic examinations and worker health promotion and prevention programmes are appropriate tools for the early identification of mental disorders; and the epidemiological study of the medical certificates allows for intervention in the process of illness under the biopsychosocial aspect and the work context.

Still according to the INSS statistical yearbook, of all mental health leave cases taken in 2016, 10.6 thousand were considered to be work accidents.

Work accident, according to the Brazilian legislation, is that which occurs by the exercise of work at the service of a company or a domestic employer or by the exercise of work, causing bodily injury or functional disturbance that causes death or loss or reduction, permanent or temporary, of the capacity for work. Occupational or professional disease and work sickness are also considered as work accidents. Still according to that regulation, occupational or professional disease is that produced or triggered by the exercise of work which is typical of a given activity and contained in the respective list prepared by the Ministry of Labour and Social Security, (pathogenic agents that cause occupational

or professional diseases, for example saturnism, or lead poisoning).

Without breaking what the legal provision stipulates, in the situation which the illness not included in the list results from the special conditions in which the work is performed and with which it is directly related, the Social Security shall consider it as work accident.

At this point, we must remember the production of Charles Chaplin's film “Modern Times” (1936), in which the filmmaker shows the relation between work and mental disorder. But to recognise the causal nexus of the disease with work, it is necessary to have knowledge of the work context. The causal nexus is the inseparable relation between cause and effect, between the event and the result. As established by the Federal Medicine Council (CFM), in addition to clinical examination (physical and mental) and complementary examinations (when necessary), the physician should consider the medical and occupational history; the evaluation of the workplace; the observation of the work organisation; the epidemiological data; the updated literature; the occurrence of a clinical or subclinical state in a worker exposed to aggressive conditions; the identification of risks from physical, chemical, biological, mechanical, stressful natures and others; the testimony and the experience of the workers; the knowledge and practices of other disciplines.

Regarding the work-related psychiatric syndromes, these may be organic and non-organic. In acute and chronic neuropsychiatric disorders, triggered by neurotoxic chemical agents and excessive consumption of alcoholic beverages, work is the necessary cause for the outbreak of the disease. There are four major neurotoxic groups: metals (aluminum, arsenic, cadmium, copper, gold, iron, lead, lithium, manganese, mercury, nickel, platinum, selenium, thallium, zinc, etc.); solvents (carbon disulfide, carbon tetrachloride, chloromethane, hexane, perchlorethylene, styrene, toluene, trichlorethylene, xylene, etc.); pesticides (organophosphates, malathion, parathion, chlorinated hydrocarbons, dichlorophenyltrichloroethane [DDT], carbamates, etc.) and other neurotoxins (anaesthetic gases, carbon monoxide, ethylene oxide, formaldehyde, etc.).

Non-organic psychiatric syndromes are different because they present non-organic aetiology (they do not produce lesions directly in the brain) and are triggered by emotional conflicts linked to the conditions and organisation of work. The body is the first victim of the rigid system of production, and the psychic apparatus comes in second (Dejours, 1992). In the case where work is not the cause of the disease of a multifactor nature, but it plays a relevant role in the natural history of this disease, so that it can be said that without the influence exerted by work the disease would not manifest itself or would not have been serious, the concause is established. It is in this sense that to know the conditions in which the work activities are developed - environment, harmful agents, ergonomic aspects, logistics and technology; organisation of work - pauses, journey, shift, rotation, overload, rhythm, prescribed task vs. real task, repetitive work/monotony; socio-professional relations - violence at work, team spirit, organisational culture, recognition, etc.

Among the typical psychopathological alterations of depression are: vital sadness; discouragement; insomnia; decreased libido; decreased or increased appetite; negativism; high risk of suicide; decreased attention; memory alteration; slowness of thought; low intellectual performance; careless appearance; pessimism and low awareness of morbidity. The number and duration of episodes may be predictors of relapse. Prolonged depression and multiple episodes can cause brain damage and loss of hippocampal volume. Despite the severity, there is treatment and the patient can return to a normal life, work, resume leisure and social activities, if correctly attended to by the psychiatrist, psychotherapy and other guidelines applied.

When it is related to work, the labour physician must make the necessary adjustment from the first removal of the worker, thus avoiding aggravation and extension of the period of remoteness. Most often, returning to work helps in recovering the worker's health. For this reason, one cannot in a simplistic way blame work whenever the individual has an illness. Work is not only a means of subsistence for the worker and his family, on the contrary, it is part of the therapeutic arsenal. It is a means of raising self-esteem, of developing potentialities, of being admired by peers and family, and of feeling useful to society.

When assessing a worker who presents him/herself for social security, the expert doctor must observe the current treatment and if the worker is under psychiatric treatment. In varied situations, the medical expert, having little knowledge of the therapy or basing an opinion on non-scientific information, ends up making a conclusion on the aptitude or disability of the insured from the wrong diagnosis and/or treatment. It is known that from 14 to 21% of patients do not buy their medicines as prescribed by the doctor; 29 to 59% fail to buy the second lot of medicine and 15% stop treatment sooner than prescribed.

Modern psychiatric diagnosis is both descriptive and evolutionary, biological, epidemiological, psychological and social, favouring also phenomenological criteria for treatment (Portela, 2007).

It is indispensable to understand man as a bio-psychosocial being who brings with him his pre-dispositions and the extra-labour situations he experiences. All this requires the physician to be attentive in his medical-expert clinical evaluation for a better conclusion about incapacity and determination of nexus or concause.



Résumé en français

Message du Président

Agenda intensif pour l'ICOH 2018 Dublin

La Faculté de médecine du travail du Royal College of Physicians d'Irlande, hôte du Congrès, a fait un excellent travail dans la planification et la préparation du Congrès. L'équipe du Congrès est dirigée de manière très compétente et professionnelle par le Dr. Martin Hogan et le Professeur Ken Addley. La planification s'effectue en collaboration avec les comités scientifiques de l'ICOH et les membres individuels de l'ICOH et elle est coordonnée par la Dr. Marilyn Fingerhut, vice-présidente de l'ICOH. Un nombre record de résumés ont déjà été reçus, auxquels s'ajouteront d'autres résumés pour les sessions spéciales qui seront organisées avec des institutions et des organisations étroitement liées. Le site de la conférence est très attrayant, situé dans le centre de Dublin près de la rivière Liffey et du pont Samuel Beckett (voir l'image ci-dessous). Nous sommes convaincus que le Congrès sera réussi avec une forte affluence. Plus d'informations sur le site web icoh2018.org



[Centre des Congrès de Dublin pour l'ICOH 2018. Crédit photo: Prof. Sergio Iavicoli]

Les derniers événements en date :

L'Organisation internationale du Travail a organisé au début du mois de juin la Conférence annuelle de l'OIT pour les gouvernements et les organisations de travailleurs et d'employeurs au Palais des Nations à Genève. L'agenda comprenait une évaluation de la mise en œuvre dans le monde de plusieurs Conventions sur la sécurité et la santé au travail de l'OIT. Lors de l'adoption de la dernière convention-cadre sur la sécurité et la santé au travail N°187 en 2006, j'ai demandé aux États membres de ratifier la convention et j'ai proposé un objectif de 100 ratifications en 10 ans. Malheureusement, seulement 50 l'ont fait, pour lesquels sont exclus bon nombre des pays les plus peuplés du monde qui pourraient largement bénéficier de cette ratification et de son application. Donc, seulement 50% de la cible a été atteint et cela ne représente en réalité qu'une infime fraction des travailleurs dans le monde. De plus amples informations sur ces problèmes mondiaux seront présentées au cours du prochain congrès OIT-ISSA-Singapour du 3 au 6 septembre 2017. Voir le site web www.safety2017singapore.com. Les nouveaux résultats du projet "Estimations globales et estimations des coûts" - incluant les contributions de l'ICOH - seront communiqués. L'ICOH organisera également le 4 septembre, en tant que partie intégrante du Congrès, un symposium sur la "prévention du cancer professionnel", incluant des présentations d'experts de premier plan et de dirigeants politiques. Le résultat de cet événement sera présenté lors de l'ICOH 2018 à Dublin pour un débat plus approfondi.

Le Département des sciences médicales de l'Université de Milan a organisé une conférence internationale sur le thème "Harmoniser le diagnostic, le rapport et la prévention des maladies professionnelles dans le monde" sur la base de la "Liste des maladies professionnelles" la plus récente approuvée par l'OIT. Je me souviens de la longueur du processus - plus de 10 ans - au sein de l'OIT qui a conduit à cette liste, tout spécialement grâce aux efforts opiniâtres du Dr. Shengli Niu de l'OIT. Cependant, une telle liste deviendrait une lettre morte sans un diagnostic approprié et des critères connexes. Le Prof. Claudio Colosio et l'équipe d'experts ont fait un travail impressionnant dans la compilation d'une masse de documents qui seront prochainement publiés.

J'ignorais, lorsque j'étais assis à côté du Professeur AW Tar Ching - un éminent expert en maladies professionnelles - lors du dîner organisé pour la conférence de Milan, que ce fut ma dernière rencontre avec lui. Je viens d'apprendre avec tristesse la nouvelle de son décès inattendu et soudain au Royaume-Uni le 18 juillet 2017. Une nécrologie figure dans cette lettre d'information.

La Fondation International SOS est une organisation qui s'intéresse à la santé des travailleurs détachés de leur pays d'origine et qui sont souvent envoyés loin de chez eux pour travailler pendant de longues périodes et souvent dans des conditions difficiles. La Fondation a organisé un Sommet Duty of Care à Berlin (www.dutyofcareawards.org) à la fin du mois de juin et cela m'a incité à consulter tous ceux qui lisent ce message à propos des idées suivantes.

Est-il nécessaire d'avoir une organisation opérationnelle en matière de santé et de sécurité au travail à l'échelle globale ?

Au cours de mes 45 ans de carrière internationale dans le domaine de la sécurité et de la santé au travail, j'ai toujours fait l'expérience d'un manque de ressources stables pour les aspects opérationnels, en particulier, à l'échelle internationale et là où les ressources n'existent tout simplement pas. Le monde du travail n'évolue pas facilement, simplement en ayant recours à des preuves et grâce aux connaissances. Ceux qui ont vraiment besoin de soutien, les travailleurs dans les pays en développement, ou ceux qui manquent de conditions décentes, ont des connaissances limitées et aucune ressource. Que diriez-vous de créer une fondation internationale du travail? Nous avons de telles fondations pour les maladies cardiaques, le cancer, y compris celles qui sont spécialisées comme la Fondation pour le cancer de la peau. Beaucoup d'entre elles disposent de budgets importants. D'un autre côté, nous connaissons les limites des organisations internationales, telles que l'OMS et l'OIT, et elles ont également besoin d'un soutien opérationnel. Je crois que la santé et la sécurité au travail à l'échelle mondiale est une question plus que pertinente à aborder concrètement avec une fondation de ce type. La portée de la sécurité et de la santé au travail est étendue, de sorte qu'il serait impossible d'avoir une fondation pour chaque maladie professionnelle, un problème ou un facteur de risque apparenté, mais il serait vraiment nécessaire de trouver une base globale.

L'ICOH pourrait être co-fondateur avec d'autres institutions partageant les mêmes idées. Les membres permanents de l'ICOH, les membres affiliés et, bien sûr, les membres individuels pourraient adhérer et jouer un rôle. Les organisations sœurs et les fondations, telles que celles mentionnées ci-dessus, pourraient être invitées à coopérer. Un modèle intéressant de fonctionnement est celui de Médecins Sans Frontières. On pourrait combiner la collecte de fonds et l'action opérationnelle, ainsi que des preuves concrètes et de la recherche, tout en gardant à l'esprit les priorités éthiques. L'ICOH pourrait également jouer un rôle en fournissant des experts ou des groupes d'experts spécialisés pour des besoins spécifiques et pour certains pays, régions, secteurs et facteurs de risque.

Qu'en pensez-vous ? Je serais heureux d'entendre vos commentaires en personne, et ceux qui sont intéressés pourraient établir une liste de diffusion, sur LinkedIn ou sur des forums de discussion similaires. Nous pourrions également en discuter à Dublin.

Jukka Takala
President of ICOH



Message du Secrétaire Général

Collaboration de longue durée entre l'ICOH et l'OMS

Je souhaiterais tout d'abord souligner le

rôle important joué par l'ICOH en tant qu'entité en relation officielle avec l'Organisation mondiale de la Santé (OMS) et sur les bénéfices mutuels découlant de cette collaboration à long terme.



Les "relations officielles" sont un privilège que le Conseil exécutif de l'OMS peut accorder à des organisations non gouvernementales qui ont un engagement continu et systématique dans l'intérêt de l'OMS. Cela signifie que les objectifs et les activités des ONG en relation officielle avec l'OMS doivent être conformes à l'esprit, aux buts et aux principes de la Constitution de l'OMS. La base d'une relation officielle est constituée par un plan triennal convenu pour une collaboration dont les résultats sont examinés par le Conseil exécutif de l'OMS à la fin de la période triennale.

Depuis 1948, l'OMS a reconnu l'ICOH comme ONG officielle. La confirmation la plus récente a été renouvelée lors de la 140^{ème} session du Conseil exécutif de l'OMS en janvier 2017.

L'ICOH poursuit son étroite collaboration avec l'OMS dans la mise en œuvre du Plan d'action mondial de l'OMS pour la santé des travailleurs (2008-2017). Au cours des

dernières années, l'ICOH a soutenu de nombreuses activités régionales et nationales, des projets pilotes et l'élaboration de directives pratiques pour les services de santé professionnels de base (BOHS) pour les travailleurs mal desservis et les travailleurs sans accès aux services de santé au travail jusqu'à présent. Actuellement, l'ICOH collabore également aux examens systématiques de la charge des associations de risques professionnels et à leurs conséquences sur la santé dans le cadre de la méthodologie commune de l'Organisation mondiale de la santé (OMS) et de l'Organisation internationale du Travail (OIT) afin d'estimer la charge de la maladie et des blessures en lien avec le travail. De nombreux comités scientifiques de l'ICOH ont confirmé leur intérêt à contribuer à l'examen systématique et certains ont été formellement admis à participer au projet en cours. Cet engagement continu contribuera aux résultats du projet global qui sera présenté à la soixante et onzième Assemblée mondiale de la Santé, en mai 2018, en

mettant un accent particulier sur la question de la SST dans le futur agenda.

Un autre aspect que je voudrais souligner concerne les bénéfices qui découlent pour notre organisation de cette collaboration clé avec l'OMS. En tant que bénéficiaire direct de notre adhésion, les membres de l'ICOH en règle bénéficient d'une réduction de 40% sur tous les produits d'information de l'OMS. Plus largement, l'OMS apporte sa contribution au Congrès international triennal de l'ICOH pour lesquelles membres de la direction, du siège et des bureaux régionaux de l'OMS sont des participants clés, des conférenciers et des organisateurs de sessions spéciales. À l'occasion du Congrès international de l'ICOH qui se tiendra à Dublin du 29 avril au 4 mai 2018, le Dr. Maria Neira (Directrice, Département de la santé publique et de l'environnement, OMS) s'est jointe au Comité scientifique international de l'ICOH 2018. Le Dr. Kurt Straif (CIRC) sera le conférencier principal lors de la plénière d'ouverture et

le Dr. Gerry Eijkemans (OPS) sera l'un des conférenciers en séance plénière - pour n'en citer que quelques-uns. En outre, la 11ème réunion du Réseau mondial des centres collaborateurs de l'OMS pour la santé des travailleurs se tiendra à Dublin en collaboration avec le Congrès de l'ICOH, confirmant une longue tradition pour laquelle les réunions du réseau mondial de l'OMS se tiennent lors du Congrès mondial triennal de l'ICOH. Cet engagement actif de l'OMS dans les événements de l'ICOH est extrêmement important pour attirer l'attention sur les problèmes de SST à l'échelle mondiale.

Ainsi, l'un des objectifs stratégiques de l'ICOH est de préserver cette relation forte et productive au cours des années à venir.

Sergio Iavicoli, MD. PhD
Secrétaire Général de l'ICOH



ICOH Elections – Tenure 2018-2021

Announcement of the candidates for the election of ICOH Officers and members of the Board for Triennium 2018-2021

The candidates must be eligible under Article 5, section 2 and 8 of the ICOH Constitution. The Officers and the members of the Board shall be elected as set forth in the Bye-Laws for the triennial period separating sessions of the General Assembly. They may be re-elected to the same office for no more than one additional term, with exception of the Secretary-General, who may be elected for more than one additional term. The newly elected Officers take office at the General Assembly convened immediately after the ICOH 2018 Congress.

A member of the ICOH can be a candidate for one post only at a time.

Out of these names, the Secretary-General will prepare the ballot form, with the names of the candidates for each office in random order.

The Secretariat will send the ballot papers and envelopes by mail to all ICOH members in good-standing according to Bye-Law 6, section 3, by the end of October 2017.

The ballot papers and envelopes shall be returned and reach ICOH Secretariat no later than March 29, 2018 (Bye-Law 6, section 3).

For space reasons, only the first fifteen endorsers' names are listed below for each candidate. The full list is available on ICOH website.

CANDIDATES FOR THE POST OF ICOH PRESIDENT

Jukka TAKALA – FINLAND

Curriculum Vitae

- President of ICOH from 2015.
- Doctor of Technology, Adjunct Professor, Tampere University of Technology, Finland; Faculty Member of

UNISIM University in Singapore.

- Senior Consultant, Workplace Safety and Health Institute, Ministry of Manpower, Singapore.
- 40+ years of experience in workplace safety and health, in industry/university/Min-of-Health/Labour/Manpower, ILO, EU, in six countries.
- Worked in six countries, speaks Eng/Fre/Ger/Spa/Swedish/Finnish to varying degree.
- Prior to joining WSH-Institute as the first Executive Director in 2011, he was the Director of the European Agency for Safety and Health at Work in Bilbao, Spain from 2006-2011, and in charge of coordination of all EU regulatory agencies in 2010-11.
- Held several positions in the International Labour Organisation (ILO) in Africa, Asia and at ILO Headquarters as Director for the Global InFocus Programme on SafeWork in Geneva, and responsible for ILO OSH Conventions, GHS process, ILO Encyclopaedia, IPCS/IOMC..., 1978-2006.
- OSH-Administration, Finland until 1978.

Endorsers

F.M. Fischer (Brazil), M. Schenker (USA), K. Reijula (Finland), M. Hogan (Ireland), S. Horie (Japan), S. Iavicoli (Italy), R. Orford (USA), J. Vuori (Finland), J. Rantanen (Finland), M. Frings-Dresen (The Netherlands), R. Rajesh (India), D. Moyo (Zimbabwe), E. A. Kim (Republic of Korea), S. M. John (Germany), M. Sim (Australia) and others.

CANDIDATES FOR THE POSTS OF ICOH VICE PRESIDENT

Andrew CURRAN – UNITED KINGDOM

Curriculum Vitae

Andrew is the Chief Scientific Adviser at the UK's Health and Safety Executive, where he leads 850 scientists, has responsibility for HSE's science and evidence strategy, and oversight of HSE's Scientific Advisory Committee on

Workplace Health. Andrew has played an active role in WHO, been an ICOH Board since 2012 and has sat on organising committees for conferences including EPICOH (2011), Wellbeing (2012) and ISBM (2013). He chairs the Sheffield Group, a network of national OSH research organisations and sits on the PEROSH Steering Group. Andrew has over 80 peer-reviewed publications and has delivered keynote papers at international conferences. He has worked with international partners including South Africa, Mexico and Singapore. If elected as Vice-President, Andrew would continue to bring his understanding of the issues faced when delivering OSH improvements which requires collaboration across the interfaces between scientists, regulators, policy-makers and industry from a range of cultural and international perspectives.

Endorsers

S. Iavicoli (Italy), D. Gagliardi (Italy), M. Sim (Australia), M. Hogan (Ireland), J. Rantanen (Finland), P. Blanc (USA), S. Leka (United Kingdom), D. Moyo (Zimbabwe), S. K. Kang (Republic of Korea), J. Takala (Finland), M. Fingerhut (USA), A. Jain (United Kingdom), M. Ross (South Africa), K. Jones (United Kingdom), D. Fishwick (United Kingdom) and others.

Seong-Kyu KANG – REPUBLIC OF KOREA

Curriculum Vitae

Kang, Seong-Kyu is an occupational physician and currently Chair of the Department of Occupational and Environmental Medicine, Gachon University Gil Medical Center, Incheon, Korea. He was the Vice President of KOSHA (Korea Occupational Safety and Health Agency), where he worked for 27 years. He was an Epidemic Intelligence Service (EIS) officer at the US NIOSH.

Professor Kang is currently Vice President of ICOH. Since 1992, he has been active in many ICOH Scientific Committees, and served on the Board and as Editor-in-Chief of the Newsletter. He was the responsible person of the ICOH 31st Seoul Congress, held in 2015.

Professor Kang has been involved in many academic societies and government committees related to OSH. He is an

experienced investigator of occupational diseases, and is interested in neurotoxicity, biological monitoring, occupational health services, history, injuries and policies. He is currently the Editor-in-Chief of the journal Safety and Health at Work (SH@W).

Endorsers

J. Takala (Finland), S. Iavicoli (Italy), M. Hogan (Ireland), M. Sim (Australia), R. Facci (Brazil), M. Fingerhut (USA), S. Pingle (India), M. Frings-Dresen (The Netherlands), S. Lehtinen (Finland), B. Rogers (USA), C. Nogueira (South Africa), M. Ross (South Africa), A. Curran (United Kingdom), S. Horie (Japan), N. Kawakami (Japan) and others.

Dingani MOYO – ZIMBABWE

Curriculum Vitae

Specialist Occupational Medicine Physician and OHS Consultant. Holds MFOM (RCPI), Masters in Occupational Health (Hons.), Masters in Applied Health Management (Australia) and MBChB (Zimbabwe). ICOH Board member and past ICOH National Secretary for Zimbabwe. EXCO member of the South African Society of Occupational Medicine, President of the Zimbabwe society of Occupational Medicine, Associate Editor of the Archives of Environmental and Occupational Health Journal, Medical Board member of the National Social Security Authority of Zimbabwe, Technical occupational health lead for the Global Fund TIMS project on the operationalization of 11 occupational health service centres in 8 Southern African Countries. Sessional Lecturer – Midlands State University, Zimbabwe. Participant at the International Occupational Health summer schools at Ludwig Maximilians University in Germany and the University of Brescia in Italy. Interim board Member of the African Regional Association of Occupational Health (ARAOH). International judge at the ICOH congress in Seoul.

Endorsers

J. Gasana (Kuwait), M. Fingerhut (USA), M. Hagberg (Sweden), B. Garamumhango (Zimbabwe), A. K. Touré (Senegal), S. Kiran (Turkey), R. M. Orriols Ramos (Spain),

M. Mansyur (Indonesia), P. Noone (Ireland), R. Mazikana (Zimbabwe), R. Lucchini (Italy), O. Kerama (Kenya), P. Ngorora (Zimbabwe), F. Moyo (Zimbabwe), T. Maruta (Zimbabwe) and others.

Claudina NOGUEIRA – SOUTH AFRICA

Curriculum Vitae

Qualifications: Claudina M C A Nogueira holds BSc, BSc (Hons) and MSc (Medical Biochemistry) degrees from the University of the Witwatersrand in Johannesburg, South Africa (SA), and BEBOH (UK) Modules in Occupational Hygiene.

Experience: Claudina has worked in the broad occupational health field for the past 27 years in various capacities and is currently employed as a contract Project/Data Manager in the Faculty of Health Sciences, University of Pretoria, SA. Research interests include metal toxicity, chemical exposures, mineral dusts and fibres, molecular epidemiology and toxicology, education and training in occupational and environmental health, and occupational health and safety in the mining sector.

Current Affiliations: ICOH Board member (2012-2015; 2015-2018); member and secretary of ICOH WG OIA; member of ICOH SC MinOSH; ExCo member of the SA Society of Occupational Medicine (SASOM); Council member of the Southern African Institute for Occupational Hygiene (SAIOH); and Board member of Workplace Health Without Borders (WHWB).

Endorsers

M. Fingerhut (USA), M. Hogan (Ireland), M. Sim (Australia), R. Facci (Brazil), K. Jones (United Kingdom), W. Buchta (USA), J. Takala (Finland), J. Rantanen (Finland), M. Ross (South Africa), S. Iavicoli (Italy), F. M. Fischer (Brazil), S. K. Kang (Republic of Korea), M. Coombs (South Africa), D. Kocks (South Africa), C. M. De Hoyos (Argentina) and others.

Malcolm SIM – AUSTRALIA

Curriculum Vitae

Malcolm Sim is an Occupational Physician and Director of the Monash University Centre for Occupational & Environmental Health in Australia. His main research interests are the prevention and surveillance of occupational cancer, respiratory disease and other chronic diseases. He has published over 220 scientific papers and book chapters. He has been a Board Member of ICOH for two terms, current Chair of the ICOH Ethics and Transparency Committee, past Chair of the Occupational Medicine Scientific Committee and is a member of the Management Group of EPICOH. He led the successful bid to host the 2021 ICOH Congress in Melbourne. He is the Editor-in-Chief of Occupational and Environmental Medicine and a member of the Editorial Board of the Cochrane Work Group. He has been involved in many international collaborations, including occupational health training and capacity building projects in several Asian countries and the MODERNET and other collaborative research projects in Europe.

Endorsers

J. Takala (Finland), S. Horie (Japan), D. Pisaniello (Australia), M. Hogan (Ireland), C. Nogueira (South Africa), S. K. Kang (Republic of Korea), M. Frings-Dresen (The Netherlands), P. Westerholm (Sweden), T. Driscoll (Australia), B. Rogers (USA), C. Paris (France), M. Fingerhut (USA), R. Facci (Brazil), A. Curran (United Kingdom), J. Verbeek (Finland) and others.

CANDIDATES FOR THE POST OF ICOH SECRETARY GENERAL

Sergio IAVICOLI – ITALY

Curriculum Vitae

He graduated in Medicine and Surgery at University of Rome “La Sapienza” cum laude. He got his PhD degree in

Occupational Health and Industrial Toxicology. Research Fellow at University of California, Berkeley, School of Public Health.

Currently he is Director of the Department of Occupational and Environmental Medicine, Epidemiology and Hygiene of the Italian Workers' Compensation Authority (INAIL), World Health Organization Collaborating Centre (WHO CC). He is ICOH Secretary General since 2003 and President of the European Academy of Occupational Health Psychology (EAOHP). He is Editorial Board of several scientific journals and Member of different national/international Committees including WHO Global Advisory Committee in Occupational Health. Scientific coordinator of over 40 national and international research programmes. Author of more than 200 peer-review publications, of more than 350 abstract/contributions in conference proceedings and of more than 30 monographs in Occupational Health. Since 2014, national scientific qualification as full professor in SSD Med44/Occupational Medicine sector.

Endorsers

M. Hogan (Ireland), G. Abbritti (Italy), J. Rantanen (Finland), R. Facci (Brazil), R. Mendes (Brazil), R. Vargas (Peru), S. Pingle (India), P. A. Bertazzi (Italy), M. Dollard (Australia), E. Enriquez (Mexico), J. Takala (Finland), A. R. Muñoz del Carpio Toia (Peru), B. Rogers (USA), S. Lehtinen (Finland), J. Howard (USA) and others.

CANDIDATES FOR THE POSTS OF ICOH BOARD MEMBER

Maureen DOLLARD – AUSTRALIA

Curriculum Vitae

Maureen Dollard is Professor of Work and Organisational Psychology and Director of the Asia Pacific Centre for Work Health and Safety, a WHO Collaborating Centre, at the University of South Australia. Her research concerns workplace psychosocial factors. She has published five edited books and 160 papers/ book chapters (over 7000 citations). Maureen is on the Editorial Board for Work and Stress, the

Journal of Organizational Behavior, and the European Journal of Work & Organisational Psychology, and the advisory board for International Journal of Rural Management and the beyondblue Workplace Mental Health Advisory Group. She has served as Co-chair of the ICOH-WOPS Scientific Committee since 2009, was Chair of the 2014 Congress of the ICOH-WOPS held in Adelaide, and is on the organising committee of the 2021 ICOH Congress. She established the Asia Pacific Academy for Psychosocial Factors at Work and is Fellow of the European Academy for Occupational Health Psychology.

Endorsers

D. Pisaniello (Australia), S. Iavicoli (Italy), N. Kawakami (Japan), A. Shimazu (Japan), M. Fingerhut (USA), K. Kogi (Japan), M. Sim (Australia), J. Sluiter (The Netherlands), I. Houtman (The Netherlands), J. Oakman (Australia), J. Takala (Finland), M. Isahak (Malaysia), S. Leka (United Kingdom), J. Rantanen (Finland), H. Tovalin (Mexico) and others.

Frida Marina FISCHER – BRAZIL

Curriculum Vitae

Sc in Biological Sciences (University of São Paulo- USP). Master and PhD in Public Health (USP). Free-docency in Public Health. Full Professor of the Dept Environmental Health, School of Public Health, USP (www.fsp.usp.br).

Chair of ICOH Scientific Committee Shiftwork and Working Time/President of the Working Time Society for two terms, until March 2018.

Fellow of the International Ergonomics Association.

Member of the Brazilian Ergonomics Association, and the Brazilian Association of Occupational Medicine (ANAMT). Associate editor of the Journal of Public Health (www.fsp.usp.br/rsp) and the Brazilian Journal of Epidemiology. Co-scientific editor of the Brazilian Journal of Occupational Medicine. Board member of the Journal Occupational Health Psychology and contributing editor of the American Journal Industrial Medicine. Ad hoc reviewer of national and international journals and research agencies.

Main interests on teaching and research: work-related diseases, ergonomics, psychosocial factors at work, work

organization, night and shiftwork, aging and work, teen work.

Endorsers

M. Fingerhut (USA), R. Facci (Brazil), J. Takala (Finland), J. Gärtner (Austria), J. S. Silva-Junior (Brazil), R. Rocha (Brazil), M. Takahashi (Japan), K. Kogi (Japan), S. Pingle (India), M. Härmä (Finland), E. Sá (Brazil), R. Mendes (Brazil), S. Popkin (USA), E. Santino (Brazil), C. Nogueira (South Africa) and others.

Mats HAGBERG – SWEDEN

Curriculum Vitae

Mats Hagberg, M.D., PhD., is professor/chairman at Department of Public Health and Community Medicine, University of Gothenburg (UGOT) Sweden and senior physician/ consultant at Dept of Occupational & Environmental Medicine, Sahlgrenska University Hospital. He is currently member of the ICOH board. He was chairman ICOH scientific committee vibration & noise and assisted in the founding of the Scientific Committees musculoskeletal disorders and Occupational Health for Health Care Workers. Dr. Hagberg is the author of more than 170 peer review papers, among those a position paper (2012) from the Musculoskeletal Scientific Committee. He has received the Taylor award. He started the successful series of PREMUS conferences together with late Åsa Kilbom in 1991. He has been visiting researcher in UCLA, USA and University of Bologna, Italy. The areas of interest is musculoskeletal disorders, vibration, work ability and sustainable health in ageing workers.

Endorsers

D. Wegman (USA), M. Wærsted (Norway), D. M. Rempel (USA), J. Sluiter (The Netherlands), P. Kuijer (The Netherlands), A. Klusmann (Germany), P. Mairiaux (Belgium), M. Frings-Dresen (The Netherlands), A. van der Beek (The Netherlands), K. B. Veiersted (Norway), D. Kang (Republic of Korea), F. S. Violante (Italy), S. Mattioli (Italy), M. Tabanska-Petkova (Bulgaria), M. Andersson (Sweden) and others.

Hans Martin HASSELHORN – GERMANY

Curriculum Vitae

Hans Martin (55), OH Physician, is head of the Department of Occupational Health Science, Wuppertal University. Previously, he has worked in Stockholm (work-stress-research, Karolinska Institute) and Berlin (head of OH-research-division, Federal Institute for Occupational Safety and Health, BAuA). Author of > 120 peer-reviewed publications.

For more than 20 years, ICOH has motivated his career: He was Editor of the ICOH Guidebook “OH for HCW – a practical Guide” (Elsevier 1999), PI of the European Nurses’-Early-Exit-Study (2001-2005, several ICOH-colleagues involved), Secretary (2001-2006) and Chair (2006-2009) of the SC “OH for HCW”. National ICOH-Secretary (2009-2015), Organizer of the ICOH-Conference WAHE2016 “Work, Age, Health and Employment” (2016). Member of SC “Aging” and “WOPS”.

Current areas of research interest are “work/employment of older workers”, psychosocial work, HCWs.

If elected, Hans Martin would eagerly contribute his long-term interdisciplinary research and networking experience and would pro-actively carry out the ICOH duties to the utmost of his ability.

Endorsers

M. Fingerhut (USA), V. Harth (Germany), R. Orford (USA), A. Klusmann (Germany), M. Hagberg (Sweden), M. Beth-Hübner (Germany), S. Hitzeroth (Germany), R. Alexandrov (Germany), M. Ertel (Germany), N. Kawakami (Japan), W. Buchta (USA), S. M. John (Germany), R. Facci (Brazil), J. Li (Germany), P. Kiss (Belgium) and others.

Martin HOGAN – IRELAND

Curriculum Vitae

Graduated in Medicine from University College Cork, Ireland in 1987. Trained in General Practice and Subsequently in Occupational Medicine in Manchester, United Kingdom. Fellow of both the Faculty of Occupational Medicine and of

the Royal College of Physicians of Ireland. Currently Full-time Occupational Medical Specialist working in Cork, Ireland. Special interest is Toxicology and the Pharmaceutical & Chemical Industry, in particular.

Former Dean of the Faculty of Occupational Medicine of the Royal College of Physicians of Ireland. Lecturer in Toxicology in University College Cork, Ireland. Former National Specialty Director for Occupational Medicine in Ireland and Examiner for the Faculty since 2002. Examined in Ireland, Malaysia and the UAE.

President of the 2018 ICOH Congress in Dublin. This has been the single greatest project of my professional life.

Member, ICOH since 2008. ICOH Board Member for the 2015-2018 Triennium. Medichem Board Member for the 2015-2018 Triennium.

Endorsers

K. Addley (United Kingdom), M. Fingerhut (USA), J. Rantanen (Finland), S. Iavicoli (Italy), A. Adisesh (Canada), J. Takala (Finland), R. Orford (USA), S. K. Kang (Republic of Korea), P. Gueret (Ireland), P. Lee (Ireland), T. Donnelly (Ireland), D. Whelan (Ireland), D. Murphy (Ireland), R. Facci (Brazil), P. Noone (Ireland) and others.

Seichi HORIE – JAPAN

Curriculum Vitae

Seichi Horie, MD, MPH, PhD, is Professor, Health Policy and Management, University of Occupational and Environmental Health, Japan (UOEH). He received MD in 1986 and PhD in 2002 from UOEH; MPH in 1993 from University of California, Berkeley. He is board certified by Japan Society for Occupational Health. He is a present Board Member of ICOH, after served as a National Secretary during 2009-2015 and engaged in the current revision of ICOH International Code of Ethics. He is the Vice Chairman of Occupational Health Committee of Japan Medical Association, an Associate Member of Science Council of Japan and a Fellow of Collegium Ramazzini. He completed occupational medicine residency at University of California, San Francisco, worked as a full-time occupational physician of a steel works in Tokyo Metropolitan Area. He has been

promoting education and research on the prevention of heat-related illnesses, noise-induced hearing loss and cardiovascular diseases from overtime work.

Endorsers

J. Takala (Finland), N. Kawakami (Japan), S. K. Kang (Republic of Korea), R. Orford (USA), E. A. Kim (Republic of Korea), D. Moyo (Zimbabwe), O. Lo (Singapore), M. Hogan (Ireland), M. Sim (Australia), D. M. Rempel (USA), M. L. Tupia Gonzales (Peru), H. Rintamäki (Finland), J. Rantanen (Finland), S. Lehtinen (Finland), K. Takahashi (Australia) and others.

Carel T. J. HULSHOF – THE NETHERLANDS

Curriculum Vitae

Carel Hulshof, MD PhD, occupational physician, is professor in occupational medicine at the Coronel Institute of Occupational Health of the Academic Medical Center (AMC) in Amsterdam and co-ordinator of the evidence-based guidelines programme of the Netherlands Society of Occupational Medicine (NVAB). From 2006-2012, he served as chairman of the ICOH Scientific Committee on Health Services Research and Evaluation in Occupational Health. His main areas of interest are: evidence-based practice and guidelines in occupational health, workers' health surveillance, health services research, shared decision making, and vibration. His drive is to enhance the scientific base of occupational medicine and to translate scientific findings for use in day-to-day occupational health practice. He is (co-)author of more than 150 papers in international and national peer-reviewed scientific journals and book chapters, member of the Editorial Board of the Cochrane Work Review Group, and of the Guidelines International Network (G-I-N).

Endorsers

S. K. Kang (Republic of Korea), P. Westerholm (Sweden), P. Buijs (The Netherlands), M. Hagberg (Sweden), F. van Dijk (The Netherlands), M. Sim (Australia), H.M. Hasselhorn (Germany), A. van der Beek (The Netherlands), H. Fukuda (Japan), M. Hogan (Ireland), K. Hegmann (USA), L.

Godderis (Belgium), E. Johannig (USA), T. Higashi (Japan), J. Rantanen (Finland) and others.

Sunil Kumar JOSHI – NEPAL

Curriculum Vitae

Prof. Joshi is a physician (MD) specialized in Occupational Medicine, Diabetology, and PhD in Public Health. He has attended numerous international courses on occupational health. Prof. Joshi is the only registered occupational physician in Nepal and currently working as full time Professor and Head at the Department of Community Medicine, Kathmandu Medical College (KMC), Kathmandu University, Nepal. He has supervised many MD and PhD students who have done their thesis works on occupational health.

He is recognized by the Government of Nepal as an expert in occupational health. He has contributed in drafting the Labour Act of Nepal and National Procedural Guidelines for compensation of Workplace injuries under Social Security Fund. He is ICOH National Secretary for Nepal and he has participated and presented papers in many ICOH conferences. He is Chief Editor of the International Journal of Occupational Safety and Health (IJOSH).

Endorsers

J. Takala (Finland), S. Iavicoli (Italy), T. P. Bhattarai (Nepal), M. R. Bist (Nepal), P. Dahal (Nepal), S. V. Joshi (Nepal), S. Khadka (Nepal), S. Pant (Nepal), L. Paudel (Nepal), S. Pradhan (Nepal), S. Pingle (India), D. Gagliardi (Italy).

Eun-A KIM – REPUBLIC OF KOREA

Curriculum Vitae

Eun-A Kim is MD (Occupational Medicine), PhD. She is currently Editor in Chief of ICOH Newsletter since 2015. She began research on occupational health since 1995, as Director of Department of Occupational Diseases Research, Korea Occupational Safety and Health Agency (KOSHA), South Korea since 2009. Dr. Kim has been good standing

member of ICOH since 2005, and served as secretary of scientific committee of Neurotoxicology and Physophysiology (SCNP) of ICOH since 2010. She contributed several international symposiums for SCNP and transferred the achievements on of ICOH to the projects of ILO and WHO such as diagnostic tools for occupational disease. As director of occupational research department of KOSHA, she conducted several epidemiological studies on occupational neurotoxicology, occupational cancer, and related occupational health program for the practice in workplace. She is member of editor for international journals such as Annals of Occupational and Environmental Medicine, and Safety and Health at Work.

Endorsers

M. Fingerhut (USA), J. Takala (Finland), M. Sim (Australia), J. Rantanen (Finland), S. Lehtinen (Finland), K. Kogi (Japan), S. Iavicoli (Italy), S. K. Kang (Republic of Korea), S. Horie (Japan), C. Nogueira (South Africa), C. Colosio (Italy), S. Pingle (India).

Stavroula LEKA – UNITED KINGDOM

Curriculum Vitae

Stavroula Leka PhD is Professor of Work, Health & Policy at the University of Nottingham and Director of the Centre for Organizational Health & Development, a WHO collaborating centre for occupational health. She is occupational health psychologist, Associate Fellow of the British Psychological Society, and Fellow of the Royal Society for Public Health and the Higher Education Academy. She has served ICOH as Secretary and then Chair of the ICOH scientific committee 'Work Organisation & Psychosocial Factors' for the past 11 years. She has received an early career achievement award by the American Psychological Association for outstanding contribution in the study of psychosocial risks and work-related stress. She is editor of two book series and has published over 40 papers, 11 books, 35 book chapters and numerous reports and guidance documents. She sits on the editorial boards of various international journals and is Associate Editor of 'Safety Science'.

Endorsers

J. Rantanen (Finland), J. Takala (Finland), J. Oakman (Australia), C. Nogueira (South Africa), M. Dollard (Australia), M. Fingerhut (USA), J. Sluiter (The Netherlands), H. Tovalin (Mexico), M. Frings-Dresen (The Netherlands), A. Jain (United Kingdom), M. Younes (Switzerland), Q. Durand-Moreau (France), J. Vuori (Finland), A. Curran (United Kingdom), K. Kogi (Japan).

Olivier LO – SINGAPORE

Curriculum Vitae

Dr. LO held senior medical leadership positions with International SOS since 1991, including the International SOS Foundation Ambassador function (2012-).

His medical qualifications include specialization in Air and Space Medicine, Tropical Diseases, Public Health, Disaster Medicine, Emergency Crisis Management, Occupational Medicine (UK) and Maritime Occupational Health Medicine (NIVA, Finland).

Dr. LO received his Diploma of Doctor of Medicine from Louis Pasteur Medical University in Strasbourg, France. He is a qualified Occupational Health and Safety Management System Auditor (SEQM/IRCA), licensed from the French Medical “Conseil de l’Ordre”, Fellow at the Royal Society of Medicine (UK), member of the ACOEM (USA), the IMA and ISID. He is the National Secretary (Singapore) of ICOH (2015-2018) and an expert member (PWG) of the Global Reporting Initiative GRI 403 OHS sustainable reporting standard revision 2018.

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J. Takala (Finland), S. K. Kang (Republic of Korea), J. A. Morales (Mexico), R. Rajesh (India), N. Wagner (Singapore), A. E. Tay (Singapore), M. Sim (Australia), F. Ayash (United Arab Emirates), S. Horvath (Canada), S. Horie (Japan), M. Donoghue (Australia), R. Heron (United Kingdom).

Robert ORFORD – USA

Curriculum Vitae

Born in Canada. MD, McGill University, Montreal, Canada. MS, University of Minnesota. MPH, University of Washington. Board certified in Internal, Occupational, Preventive, and Aerospace Medicine.

Former Deputy Minister responsible for Public Health/Occupational Health, Alberta, Canada. Consultant Mayo Clinic since 1988. Former Medical Director, Northwest Airlines. Assistant Professor, Mayo Medical School. Associate Professor, UTMB, Galveston, Texas.

Past President, American College of Occupational and Environmental Medicine, Arizona Medical Association, and Airlines Medical Directors Association. Delegate, American Medical Association.

Member, International Commission on Occupational Health member since 1982, currently member of SCs on OH for Health Care Workers, History of Prevention of Occupational and Environmental Diseases, and MEDICHEM. Former MEDICHEM National Representative for Canada, Former MEDICHEM Board Member, and Chaired the MEDICHEM Conference, Alberta, 1983. ICOH Former National Secretary representing the United States, and Chaired the ICOH Conference on Health Care Worker Health, Vancouver, 2007. ICOH Board Member for the 2014-2017 Triennium.

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J. Takala (Finland), B. Rogers (USA), T. L. Guidotti (USA), R. Facci (Brazil), M. Hogan (Ireland), J. Rantanen (Finland), M. Fingerhut (USA), R. Mendes (Brazil), K. Kogi (Japan), C. Nogueira (South Africa), L. Patry (Canada), W. B. Bunn (USA), J. A. Morales (Mexico), M. Sim (Australia), S. Horie (Japan) and others.

Rosa Maria ORRIOLS RAMOS – SPAIN

Curriculum Vitae

PhD. in Environmental Management Engineering received her Graduate of Science in Chemistry Engineering from Barcelona University, Post degree Occupational Health

Safety from Suffolk University. Currently, she is International CEO Occupational Health in Institut Català de la Salut and Scientific Advisor in UE. Her research and work focus on preventing harmful exposures and creating healthy environments at work.

Previous, Rosa was Technical Officer Occupational Health & Safety in National Occupational Safety and Health (INSHT) at the Spanish Government. In 2010, Research Fellow in Weill Cornell College. Medicine University. Rosa has spoken, written and testified extensively on health issues, including indoor air quality, Hazardous Drugs exposure, prevention of blood borne exposures, radiations exposures, as well as about the effects of work organization.

Endorsers

J. Takala (Finland), M. S. Lioce (USA), C. Rapparini (Brazil), A. Ergor (Turkey), G. A. Rosal (Spain), D. Moyo (Zimbabwe), M. Fingerhut (USA), S. K. Kang (Republic of Korea), M. Hogan (Ireland), M. Sim (Australia), C. Taboadela (Argentina), C. Nogueira (South Africa), G. Brachman (USA), R. Rajesh (India), R. Orford (USA) and others.

Christophe PARIS – FRANCE

Curriculum Vitae

Christophe Paris, 58, MD (Occupational Medicine), PhD (Epidemiology) is head of the Occupational Diseases Department of the University Hospital of Rennes, France. Currently, he is a member of the ESTER team research, headed by Pr Y Roquelaure, in the Inserm Unit 1085 (IRSET). His clinical activity is spotlighted on occupational respiratory diseases, particularly lung cancer, asbestos related diseases and more recently occupational asthma and pulmonary fibrosis. He is involved in several French large projects, including the “Asbestos-Related Diseases Cohort (ARDCO), as an epidemiologist. He is the vice-president of one of the expert committees of the National Agency for Health Security For Environment, Food and Work (ANSES), aiming to “Risk assessment in air environment”. He is also involved in several national consensus statements mainly in the field of the occupational cancers. His research work is mainly focused on occupational respiratory diseases and epidemiology, with

more than 80 papers in international peer-review journals.

Endorsers

J. Takala (Finland), M. Guillemin (Switzerland), S. Iavicoli (Italy), D. Moyo (Zimbabwe), M. Hogan (Ireland), L. Godderis (Belgium), A. Lenderink (The Netherlands), M. Sim (Australia), S. K. Kang (Republic of Korea), Q. Durand-Moreau (France), A. Descatha (France), Y. Roquelaure (France), J. F. Gehanno (France), F. van Dijk (The Netherlands), M. Frings-Dresen (The Netherlands) and others.

Shyam PINGLE – INDIA

Curriculum Vitae

Shyam is a senior occupational health expert from India with nearly four decades of professional experience in teaching and practice of occupational health. Shyam has an illustrious academic background with MBBS/MD degrees from India and Diploma in Occupational Safety and Health and Development from National Institute of Working Life, Sweden.

Currently, Shyam is working as Senior OH Specialist and Adjunct Professor at Indian Institute of Public Health Gandhinagar (University) India. He started his career as medical teacher at Nagpur University and has worked in leading manufacturing companies in India as Occupational Health. His major stints included IBM (Country Leader for India, Integrated Health Services) and Reliance Industries (Vice President, Medical & Occupational Health) in India. Shyam has won several awards including the prestigious Sir ADM Oration. He was President, Indian Association of Occupational Health (2009-2011). Shyam is active in ICOH being Chair, Scientific Committee on Occupational Health and Development (2009-2015).

Endorsers

R. Rajesh (India), G. Kulkarni (India), D. Andhare (India), R. Facci (Brazil), S. Iavicoli (Italy), G. van der Laan (The Netherlands), F. M. Fischer (Brazil), D. Moyo (Zimbabwe), C. Taboadela (Argentina), S. K. Kang (Republic of Korea), S. Leka (United Kingdom), M. Sim (Australia), M. Hogan

(Ireland), J. Takala (Finland), K. Kogi (Japan) and others.

Louwna PRETORIUS – SOUTH AFRICA

Curriculum Vitae

Louwna Pretorius is employed as the National Occupational Health Services (Safety, Health, and Environmental) Manager at Corobrik, Pty (Ltd), Edenvale, South Africa.

She obtained a B. Soc. Sc. Hon. Degree (General / Midwifery/ Psychiatry) from the University of the Free State and completed additional qualifications in Community Health Nursing, Nursing Education, Occupational Health Nursing and Health Services management.

She has been actively involved in the industry for the past 30+ years. Her main responsibilities include facilitation of learning, auditing and consulting on Occupational Safety / Health/ Environment as part of an integrated SHE approach. (OHSAS 18001, ISO 14001)

She represents SASOHN as president (1999-2002) served at SCOHN executive (secretary/ vice chairperson & chairperson 2009- 2015). She was a member to the SA Nursing Council (2003 - 2008) and is a founder member of ANSA.(Academy of Nursing South Africa)

Endorsers

S. Iavicoli (Italy), K. Nishida (Japan), C. Nogueira (South Africa), D. Kocks (South Africa), M. Fingerhut (USA), K. Davies (South Africa), S. Randolph (USA), S. K. Kang (Republic of Korea), H. Hirdi (Hungary), K. Lappalainen (Finland), R. Facci (Brazil), M. Bubas (Croatia).

Kari E. REIJULA – FINLAND

Curriculum Vitae

Kari Reijula, MD, PhD, Professor acts as the professor in occupational health at the Medical Faculty, Helsinki University, and also as a research professor at the Finnish Institute of Occupational Health, Helsinki. He is specialist in occupational health. He has acted as the professor of occupational health at the Tampere University and a visiting

professor at the Medical College of Wisconsin, USA.

Prof. Reijula has worked at the Finnish Institute of Occupational Health since 1986. He was the director of regional institute in Helsinki in 2000-05, and the director of the Indoor Environment Quality - theme (2006-2014).

Prof. Reijula has published over 220 peer-reviewed scientific articles and over 200 other scientific articles mainly on the topic of occupational medicine and health.

Prof. Reijula is now member of the ICOH Board. He has previously acted as the secretary of the ICOH WG on Occupational Infectious Agents (OIA).

Endorsers

J. Rantanen (Finland), S. Lehtinen (Finland), H. Rintamäki (Finland), E. Helaskoski (Finland), H. Suojalehto (Finland), A. Lamminpää (Finland), J. Uitti (Finland), K. Räsänen (Finland), J. Heikkinen (Finland), K. Savolainen (Finland), I. Iavicoli (Italy), F. Gobba (Italy), T. Leino (Finland), J. Vuori (Finland), R. Sauni (Finland) and others.

Marc SCHENKER - USA

Curriculum Vitae

Marc Schenker, MD, MPH is a Distinguished Professor of Public Health Sciences and Medicine at the UC Davis School of Medicine. He has over 30 years of experience in occupational medicine and public health research, teaching and public service. Dr. Schenker is the founding and current director of the Davis Center for Occupational and Environmental Health, the Western Center for Agricultural Health and Safety, and the Migration and Health Research Center.

His specialty is occupational and environmental disease, with a focus on respiratory and reproductive health. Dr. Schenker also conducts epidemiologic research and public policy advocacy on the health of global migrant populations with a particular focus on farmworkers and occupational disease. He has published over 200 scientific manuscripts and six textbooks and has received numerous awards for his work. He is a longstanding member of EPICOH and has served consecutive terms on its management board.

Endorsers

M. Fingerhut (USA), F.M. Fischer (Brazil), P. C. Chen (Taiwan, China), M. Sim (Australia), R. Vermeulen (The Netherlands), J. Takala (Finland), L. Fritschi (Australia), L. Stayner (USA), Y. S. Samant (Norway), J. Rodriguez-Guzman (USA), E. Enriquez (Mexico).

Paul A. SCHULTE - USA

Curriculum Vitae

I am an epidemiologist (PhD.) with training in toxicology and genetics and health planning. I am a Fellow of the American College of Epidemiology. Currently I serve as the Director of the NIOSH Education and Information Division and co-manager of the Nanotechnology Research Center. I also have been chair of the ICOH Scientific Committee on Nanomaterial Workers' Health since 2012. Much of my working life has been with occupational cancer research and biomarkers. I was the co-editor of the book "Molecular Epidemiology: Principles and Practices." After that I have been involved with quantitative risk assessment and research to policy efforts developing occupational exposure limits. Most recently I have been focusing on translation research and developing concepts of workforce well-being.

Endorsers

J. Takala (Finland), S. Iavicoli (Italy), M. Fingerhut (USA), A. Jain (United Kingdom), D. Gagliardi (Italy), J. Rantanen (Finland), S. Lehtinen (Finland), T. C. Morata (USA), L. Stayner (USA), R. Sauni (Finland), M. Kitt (USA), J. Heikkinen (Finland), K. Savolainen (Finland), B. Rogers (USA), L. Newman (USA) and others.

Maria Luisa TUPIA GONZALES – PERU

Curriculum Vitae

Graduated in Nursing, graduated from the Faculty of Nursing of the Peruvian University Cayetano Heredia; Specialist in Occupational Health. Diploma in Occupational Health and Safety Management. Diploma in Management in Nursing

Services. Certified as a CAOHC Hearing Conservationist. Currently studying the Diploma of Safety and Health Auditing in the workplace.

Teacher of the Specialty in Occupational Health of the Faculty of Nursing, Peruvian University Cayetano Heredia. Professional experience for more than 8 years in the area of Occupational Health.

Speaker and moderator of various Occupational Health Congresses.

Member of the Peruvian Association of Occupational Safety and Health Nurses (APESSO).

Currently Coordinator of Occupational Health in International Clinic and Teacher of Practice in the Occupational Health Specialty of the Faculty of Nursing at the Peruvian University Cayetano Heredia.

MEMBER ICOH BOARD (2015-2018)

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J. Takala (Finland), C. Nogueira (South Africa), R. Orford (USA), A. Monroy (Peru), S. Horie (Japan), R. M. Orriols Ramos (Spain), M. Fingerhut (USA), M. Ramos Flores (Peru), G. A. Rosal (Spain), A. V. Aparicio (Peru), D. Barnaby (Peru), K. Kogi (Japan).

Francesco Saverio VIOLANTE – ITALY

Curriculum Vitae

Born in 1955, I am professor of Occupational Medicine and, for the time being, President of the Italian Society of Occupational Medicine, founded in 1929, which actually counts approximately 2.000 members in good standing. Besides being a researcher and a teacher in Occupational Medicine, I am also an active occupational physician working with healthcare, manufacturing and service organizations, both public and private.

I believe that Occupational Medicine needs everywhere a strong international perspective and this is the reason why I think that every occupational physician, in every country, should consider the membership of ICOH in the same way as the membership of the national society of Occupational Medicine.

If elected as an ICOH officer, I think that my commitment

can be instrumental in strengthening the bonds between ICOH and national societies of Occupational Medicine, to extend the adoption of the ICOH vision at a global level.

Endorsers

S. Iavicoli (Italy), A. Cristaudo (Italy), P. Sartorelli (Italy), P. Kuijjer (The Netherlands), D. Gagliardi (Italy), B. Persechino (Italy), S. Mattioli (Italy), G. De Palma (Italy), I. Iavicoli (Italy), F. Gobba (Italy), M. Valsiglio (Italy), P. Zamparelli (Italy), F. Larese Filon (Italy), M. Dell’Omo (Italy), C. Colosio (Italy) and others.

Anette WAHL-WACHENDORF – GERMANY

Curriculum Vitae

Date of birth 6/10/1962

Education

1983-1990 Studied medicine at the University of Heidelberg
1990 Doctor in Heidelberg, Scarborough (Great Britain) and research assistant at the Institute for Occupational and Environmental Medicine at Ludwig Maximilian University, Munich

since 2012 Manager of BG BAU’s Occupational Health and Safety Service

Further Qualifications and activities:

Hospital administrator (VWA)

Additional title “preventative medicine” 2014

Psychosomatic primary care for occupational physicians 2012

Occupational health management 2011

Occupational health and safety systems manager (DGQ) 2009

Vice president of the German Association of Company Doctors

IPA advisory board member

Working Group 4.1 of The German Statutory Accident Insurance (occupational health work)

Advisory board member of the Kobra project (BAuA)

Member of the occupational health committee (BMAS)

Ambassador for ‘fit for work’ Germany

Advisory board member for the Federal Ministry of Health, BZGA diabetes public awareness campaign

Endorsers

S. Iavicoli (Italy), H.M. Hasselhorn (Germany), B. Persechino (Italy), D. Gagliardi (Italy), M. Frei (Germany), S. Mattioli (Italy), P. Angerer (Germany), J. Rantanen (Finland), S. Lehtinen (Finland), M. Ertel (Germany).

Maged YOUNES – SWITZERLAND

Curriculum Vitae

Maged Younes holds a PhD in Biochemistry/Physiological Chemistry from the University of Tübingen, Germany, and a degree of Dr. habil. in Toxicology & Biochemical Pharmacology from the Medical University of Lübeck, Germany. Following an academic career as a researcher and Professor of Toxicology and Biochemical Pharmacology, he worked at the World Health Organization and the United Nations Environment Programme. At WHO and UNEP, he managed and directed various technical and policy programmes (chemical safety, environmental health, environmental conventions, governance and external relations, and food safety and zoonoses). Since his retirement, he works as Independent International Expert, Global Public Health. He is currently a Panel Member and Chair of various Working Groups of the European Food Safety Agency (EFSA), a Visiting Professor of Environmental and Occupational Health and Sustainability, Robert-Gordon University, Aberdeen, and a Professor of Public Health/Environmental Health at IACP in Rome. He has more than 180 publications.

Endorsers

S. Iavicoli (Italy), J. Takala (Finland), E. Kortum (Switzerland), K. Rydzynski (Poland), M. Manno (Italy), S. Leka (United Kingdom), M. Guillemin (Switzerland), K. Savolainen (Finland), M. Dollard (Australia), G. Nordberg (Sweden), K. Jones (United Kingdom), M. Beth-Hübner (Germany), A. Jain (United Kingdom).

Min ZHANG – P. R. CHINA

Curriculum Vitae

Prof. Min ZHANG has established connection with ICOH for over 15 years; she spared no effort to ICOH related activities, to widen influence of ICOH and to strengthen interaction with ICOH:

1. As a core expert, worked closely with ICOH board members since 2011, particularly, EU-China Project in High Risk Sectors, global work on OH in particular in developing diagnostic and exposure criteria and ICD11 for OD coordinated by ILO and WHO.
2. Promoted application and Chinese translation for the Guidelines for Occupational Medical Examinations advocated by ICOH with DGUV.
3. Built national network on OH for health care workers relate to ICOH Scientific Committee, collaborated with international organizations include ILO, WHO.

4. Implemented activities in China related to BOHS advocated by ICOH, to increase BOHS coverage in China, international tool-kits of BOHS have been researched and introduction.

5. Organized Chinese participants in ICOH Congress 2015 and other events.

Endorsers

J. Rantanen (Finland), S. Iavicoli (Italy), S. Lehtinen (Finland), R. Sauni (Finland), G. van der Laan (The Netherlands), M. Fingerhut (USA), H. Fu (P. R. China), X. Hu (P. R. China), Z. Wang (P. R. China), C. Colosio (Italy), J. Heikkinen (Finland), J. Dai (P. R. China), G. Zheng (P. R. China), K. Kogi (Japan).

ICOH Scientific Committees Chairs and Secretaries 2015-2018

Accident Prevention

Chair : Su Wang
E-mail : su.wang@doctors.org.uk
Secretary : Phillip Pearson
E-mail : phillip.pearson@iirsm.org

Aging and Work

Chair : Clas-Hakan Nygard
E-mail : clas-hakan.nygard@uta.fi
Secretary : Jodi Oakman
E-mail : j.oakman@latrobe.edu.au

Allergy and Immunotoxicology

Chair : Takemi Otsuki
E-mail : takemi@med.kawasaki-m.ac.jp
Secretary : Claudia Petrarca
E-mail : c.petrarca@unich.it

Cardiology in Occupational Health

Chair : Alicja Bortkiewicz
E-mail : alab@imp.lodz.pl
Secretary : Elzbieta Gadzicka
E-mail : elag@imp.lodz.pl

Education and Training in Occupational Health

Chair : Frank van Dijk
E-mail : v.dijk.workandhealth@gmail.com
Secretary : Marija Bubas
E-mail : marija.bubas@gmail.com

Emergency Preparedness and Response in OH

Chair : Alexis Descatha
E-mail : Alexis.Descatha@inserm.fr
Secretary : Michel Baer
E-mail : michel.baer@aphp.fr

Epidemiology in OH

Chair : Roel Vermeulen
E-mail : R.C.H.Vermeulen@uu.nl
Secretary : Neela Guha
E-mail : guhan@iarc.fr

HS Research and Evaluation in Occupational Health

Chair : Stefano Mattioli
E-mail : s.mattioli@unibo.it
Secretary : Jani Ruotsalainen
E-mail : Jani.Ruotsalainen@ttl.fi

History of Prevention of Occ\Env Diseases

Chair : Leslie Nickels
E-mail : lcn9@cdc.gov
Secretary : Alfredo Menéndez-Navarro
E-mail : amenende@ugr.es

Indoor Air Quality and Health

Chair : Paolo Carrer
E-mail : paolo.carrer@unimi.it
Secretary : Peder Wolkoff
E-mail : pwo@nrwe.dk

Industrial Hygiene

Chair : Lena Andersson
E-mail : lena.andersson4@regionorebrolan.se
Secretary : Hyunwook Kim
E-mail : hwkim@catholic.ac.kr

Mining Occupational Safety and Health

Chair : Eric Jörs
E-mail : Erik.Joers@rsyd.dk
Secretary : Florencia Harari
E-mail : florencia.harari@ki.se

Musculoskeletal Disorders

Chair : Ben Amick
E-mail : bamick@iwh.on.ca
Secretary : Dr. Dwayne Van Eerd
E-mail : dvaaneerd@iwh.on.ca

Nanomaterials Worker's Health

Chair : Paul A Schulte
E-mail : pas4@cdc.gov
Secretary : Ivo Iavicoli
E-mail : ivo.iavicoli@unina.it

Neurotoxicology and Psychophysiology

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