

DECLARATION OF PERSONAL INTERESTS

POLICY

It is ICNIRP's aim to provide guidance and recommendations on protection from non-ionizing radiation exposure based on thorough professional evaluation of the published scientific literature. To achieve this goal, ICNIRP relies on the scientific knowledge and judgment of independent experts. For ICNIRP it is imperative to avoid that personal interests of its members affect the independence of ICNIRP's guidance. In this view, the ICNIRP and SEG members are asked to declare any personal interests in relation to the activities of ICNIRP.

The declaration of interests is to be completed at the time of acceptance of nomination for an election updated after election, annually, and each time a change of personal interest occurs. The declarations of personal interests are requested from all:

- candidates to an ICNIRP position;
- ICNIRP Commission members;
- ICNIRP Scientific Expert Group members.

Upon completion and signature, the declaration is to be sent electronically to Dr. Gunde Ziegelberger, ICNIRP Scientific Secretary at g.ziegelberger@icnirp.org.

Declarations of all elected members of ICNIRP and its Scientific Expert Group will be posted in due course on the ICNIRP website. All publications of ICNIRP shall contain an acknowledgement with regard to the online availability of the declaration of personal interests.

The declarations are evaluated by the Commission. If there is any conflict of interest, the Commission decides in accordance with the ICNIRP provisions entailed in the Charter and Statutes (see below), about the action required. The general principle of ICNIRP's approach is that neither the personal, nor the professional life, of its members should depend on NIR-relevant industries or any other NIR interest groups. It is recognized that scientific expertise implies a wide range of professional and academic experiences and activities, called personal interests, which however do not per se automatically lead to a conflict. The evaluation of personal integrity is very complex and might never be achievable in a perfect way. It is the duty of the ICNIRP Commission to carefully consider and decide if the declared interests potentially constitute a conflict of interest.

As per the ICNIRP Statutes, "no member of the Commission shall hold a position of employment that in the opinion of the Commission will compromise its scientific independence. (...) When a change occurs in a member's employment which, in the opinion of the Commission members, may compromise the Commission's scientific independence, the Commission shall decide whether this member can continue to serve". The Commission decision shall be taken by a simple majority vote, either by a formal letter ballot, at a special commission meeting called for that purpose, or at its Annual General Meeting (ICNIRP Statutes, §6(2)).

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LAST NAME, First name:	POSITION WITHIN ICNIRP (SEG or Commission Member, incl. nominee):
<p>ACTIVITIES AND ASSETS from 2015-2018 and in 2019-2020</p> <p>Always mention the title of the activity, function, asset listed, and the name of company, organization, or institution involved.</p> <p>Please, report activities and assets including any current application or negotiation for future work.</p>	
<p>EMPLOYMENT</p> <p>Employer(s), function, title:</p> <p>Senior Scientific Group Leader, Laser and Optical Radiation Dosimetry Group Public Health England</p> <p>Provision of scientific support and advice to government and other stakeholders Period: 2015-2018 and in 2019-2020</p>	
<p>UNPAID CONSULTANCY, ADVISORY POSITIONS AND SERVICES</p> <p>Unpaid consultancy including service as a scientific or other advisor. Unpaid advisory office or services for a commercial entity or any organizations and/or as part of a regulatory legislative or judicial process with an interest in NIR (i.e. membership in scientific councils, associations, etc.):</p> <p>Name and description of the activity:</p> <p>Director, CIE Division 6, Photobiology and Photochemistry (2015-2019)</p> <p>Vice-President Standards, CIE (2019-2020)</p> <p>Visiting Professor, Wolfson School of Mechanical, Electrical and Manufacturing Engineering, Loughborough University, UK (2017-2018 and 2019-2020)</p> <p>Chairman, British Standards Institution committee EPL/76 "Optical Radiation Safety and Laser Equipment" (2015-2018 and in 2019-2020)</p> <p>Convenor, IEC TC76 "Optical Radiation Safety and Laser Equipment "Working Group 8 "Development and Maintenance of Basic Standards" (2015-2018)</p> <p>Convenor, IEC TC76 "Optical Radiation Safety and Laser Equipment "Working Group 9 "Incoherent Radiation" (2018 and 2019-2020)</p> <p>Trustee and Chairman, CIE-UK "The National Illumination Committee of Great Britain" (2018 and 2019-2020)</p>	

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Member of EU SCHEER Working Group on Potential risks to human health of Light Emitting Diodes (2016-2018)
 Member of WHO Core Group on NIR Basic Safety Recommendations (2015-2018 and in 2019-2020)
 Member, Illuminating Engineering Society of North America, Lighting and Health Committee (2017-2018 and in 2019-2020)
 Member, Illuminating Engineering Society of North America, Photobiology Committee (2015-2018 and in 2019-2020)

Period: See individual entries

Personal advantages (hospitality, prestige, etc. - specify and quantify): Some travel and subsistence support.

PAID CONSULTANCY, ADVISORY POSITIONS AND SERVICES

Paid consultancy including service as a scientific or other advisor. Paid advisory office or services for a commercial entity or any organizations and/or as part of a regulatory legislative or judicial process with an interest in NIR (i.e. membership in scientific councils, associations, etc.):

Name and description of the activity: None

Period:

Name and status of the contractor:

Income (amount and percentage of yearly laboratory/working group/personal income):

RESEARCH SUPPORT RECEIVED FROM COMMERCIAL ENTITIES

Grants, collaborations, sponsorships, other funding and in kind support valued at more than EUR 1000 overall (include equipment, facilities, staff, paid travel to meetings, etc.)

Name and description of the activity: None

Period:

Name and status of the contractor:

Unit receiving and managing the research funding from the above activity (University/Unit/Laboratory/Personal Research Fund/Other):

Income (amount and percentage of yearly laboratory/unit/personal income):

It is assumed that you are free of publishing whatever results your research shows without the influence from the entity funding your research.

Is this explicitly stated within the contract?

Yes **Please specify the wording used in the contract:**

No **Please describe how your independence is safeguarded:**

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INVESTMENTS AND COMMERCIAL INTERESTS	
Investments (income valued at more than EUR 1 000) in a commercial entity, in a trust or holding company with an interest related to NIR. List, for example, any commercial business interests (e.g., proprietorships, partnerships, joint ventures) and stocks, bonds, stock options, other securities (e.g., short sales) - excluding broadly diversified mutual funds, pension funds or similar investments.	
Investment/Share: None	Period:
Income (expressed in relation to other personal income):	
INTELLECTUAL PROPERTY	
Such as patents, trademarks, or copyrights (also include pending applications) and proprietary know-how in a substance, technology or process.	
Property: None	Period:
Income (expressed in relation to other personal income):	
ADDITIONAL INFORMATION	
When relevant, please provide details about the subject, the parties involved, the time-frame and any other relevant details.	
To your knowledge, would the outcome of your activities within ICNIRP benefit or adversely affect interests of others* with whom you have substantial common personal, financial or professional interests (such as family members or colleagues)?	
No	Period:
Is there any other aspect of your personal background or present circumstances not addressed above that might be perceived as affecting your objectivity or independence?	
No	Period:

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I hereby declare that the disclosed information is true and complete to the best of my knowledge. Should there be any change to the above information, I will promptly notify the ICNIRP Secretariat and complete a new declaration of interests which takes the changes into account.

Date: **2018/12/19**

Name: **John O'Hagan**

Signature:

A handwritten signature in blue ink that reads 'John O'Hagan'. The signature is written in a cursive style with a long horizontal line extending to the right.

* Information provided here may be protected by privacy rights. Thus, ICNIRP reserves the right to anonymize this field before DOI disclosure.