IAPHD FINANCIAL ASSISTANCE TO BDS/MDS RESEARCH PROJECTS

IAPHD being a premier organization for fostering research among dental graduates and postgraduates is instituting a new scheme of providing financial assistance to selected dental **graduates / postgraduate students in public health dentistry and faculty of the public health dentistry**, who is associated to recognized dental institutions. This scheme is primarily aimed at promoting good quality research in dental colleges through students and faculty and as well as improve visibility and accessibility of their research work to larger research audience.

The highlights of scheme are as follows:

1. The Association will provide a total financial assistance/year of Rs.100000/- for 9 projects.
2. Number of Awards**: One for faculty of Rs. 20,000/-; Four for PG students of Rs. 15,000/- each & Four for UG students of Rs. 5,000/- each.**

THE LAST DATE FOR APPLYING FOR THE RESEARCH GRANTS IS 30th October 2017 by email only to scientificcommitteeiaphd@gmail.com

Procedure for selection:

1. Candidates must apply within 12 months of registration for the course.
2. The application should be routed through their guide and the head of the institution.
3. The candidate and the guide will indicate their choice of the research topic and will give a brief description of the objectives, methodology, design of the study, expected out come, Up-to-date literature search, ethical considerations and facilities available at the institute for conducting the study as per the proposed protocol and an undertaking by the head of the institute that the candidate will be permitted to undertake the proposed research activity.
4. Selection would be made on the basis of merit. Objective scoring would be used to assess the grant applications with respect to
   i. Academic performance of the candidate
   ii. Research topic (eg. Innovativeness, Relevance of work, Application Research) etc.

In the event of leaving this scheme the whole amount will be remitted to the Association with suitable justifications.

5. The application for financial assistance should include, curriculum vitae of the candidates, description of the proposed research activity (1000 words) and a honest statement of the candidate about his/her dedication to the area of proposed research.
6. Selection will be done by an expert committee duly constituted for this purpose.

Financial Assistance:

1. The Association would provide a total assistance mentioned to the selected candidates 'on the condition' that the candidate would provide an undertaking to the effect that the funds received from the Association will be used strictly for the purpose for which it has been released and;
2. In the event of leaving this scheme the whole amount will be remitted to the Association with suitable justifications.
3. The grant shall be issued in the name of the candidate directly with a copy to the Guide and the Head of the Institute.
4. The amount will be used by the candidate for pursuance of research and may use the funds for purchase of reagents, preparation of thesis, secretarial assistance or any other activity connected with the research project following fair and reasonable procedure.
5. He will be required to provide information to the Association regarding the manner in which the funds were utilized duly signed by the Head of the Institute/college.

Monitoring:

Every attempt will be made by the Committee to identify a scientist from discipline appropriate to the research topic as a mentor, to monitor the project continuously till the research project is completed and reported. He will be in communication with the guide/ the student who will make periodic reports on the progress of the project and will give appropriate advice and guidance to the student for future course of action and mid-course correction, if needed. The monitor, the guide and the student should work as a team and ensure that the output is of reasonably good quality and can be reported in scientific journals.

Submission/Publication:

a) The preparation and submission of research/thesis will be the responsibility of the student and his guide. The candidate will acknowledge the assistance provided by IAPHD for any publication emerging out of this thesis.

b) The candidate should submit documents listed within three months of submission of thesis to the institution/organization failing which, the award will be treated cancelled and all financial assistance provided will be reimbursed to the IAPHD.

i. Selection of candidates at the sole discretion of the Association.

ii. The scheme can be withdrawn at any time.

iii. This scheme is not linked with any other research capacity building schemes under which the students are in receipt of stipend etc.

ETHICAL GUIDELINES

This statement of ethical guidelines for biomedical research on human participants shall be known as the IAPHD code and shall consist of the following:-

(a) Statement of general principles on research using human participants in biomedical research

(b) Statement of specific principles on research using human participants in specific areas of biomedical research. These statements of general and specific principles may be varied, amended, substituted and added from time to time.

PRINCIPLES:

Any research using the human beings as participants shall follow the principles given below –

I. **Principles of essentiality** whereby the research entailing the use of human participants is considered to be absolutely essential after a due consideration of all alternatives in the light of the existing knowledge in the proposed area of research and after the proposed research has been duly vetted and considered by an appropriate and responsible body of persons who are external to the particular research and who, after careful consideration, come to the conclusion that the said research is necessary for the advancement of knowledge and for the benefit of all members of the human species and for the ecological and environmental well being of the planet.

II. **Principles of voluntariness,** informed consent and community agreement whereby research participants are fully apprised of the research and the impact and risk of such research on the research participant and others; and whereby the research participants retain the right to abstain from further participation in the research irrespective of any legal or other obligation that may have been entered into by such human participants or someone on their behalf, subject to only minimal restitutive obligations of any advance consideration received and outstanding. Where any such research entails treating any community or group of persons as a research participant, these principles of voluntariness and informed consent shall apply, mutatis mutandis, to the community as a whole and to each individual member who is the participant of the research or experiment. Where the human participant is incapable of giving consent and it is considered essential that research or experimentation be conducted on such a person

Incompetent to give consent, the principle of voluntariness and informed consent shall continue to apply and such consent and voluntariness shall be obtained and exercised on behalf of such research participants by someone who is empowered and under a duty to act on their behalf. The principles of informed consent and voluntariness are cardinal principles to be observed throughout the research and experiment, including its aftermath and applied use so that research participants are continually kept informed of any and all developments in so far as they affect them and others. However, without in any way undermining the cardinal importance of obtaining informed consent from any human participant involved in any research, the nature and form of the consent and the evidentiary requirements to prove that such consent was taken, shall depend upon the degree and seriousness of the invasiveness into the concerned human participant's person and privacy, health and life generally, and, the overall purpose and the importance of the research. Ethics committee shall decide on the form of consent to be taken or its waiver based on the degree of risk that may be involved.

III. **Principles of non-exploitation** whereby as a general rule, research participants are remunerated for their involvement in the research or experiment; and, irrespective of the social and economic condition or status, or literacy or educational levels attained by the research participants kept fully apprised of all the dangers arising in and out of the research so that they can appreciate all the physical and psychological risks as well as moral implications of the research whether to themselves or others, including those yet to

be born. Such human participants should be selected so that the burdens and benefits of the research are distributed without arbitrariness, discrimination or caprice. Each research shall include an in-built mechanism for compensation for the human participants either through insurance cover or any other appropriate means to cover all foreseeable and unforeseeable risks by providing for remedial action and comprehensive aftercare, including treatment during and after the research or experiment, in respect of any effect that the conduct of research or experimentation may have on the human participant and to ensure that immediate recompense and rehabilitative measures are taken in respect of all affected, if and when necessary.

IV. **Principles of privacy and confidentiality** whereby the identity and records of the human participants of the research or experiment are as far as possible kept confidential; and that no details about identity of said human participants, which would result in the disclosure of their identity, are disclosed without valid scientific and legal reasons which may be essential for the purposes of therapeutics or other interventions, without the specific consent in writing ofthe human participant concerned, or someone authorised on their behalf; and after ensuring that the said human participant does not suffer from any form of hardship, discrimination or stigmatisation as a consequence of having participated in the research or experiment.

V. **Principles of precaution and risk minimisation** whereby due care and caution is taken at all stages of the research and experiment (from its inception as a research idea, its subsequent research design, the conduct of the research or experiment and its applicative use) to ensure that the research participant and those affected by it including community are put to the minimum risk, suffer from no known irreversible adverse effects, and generally, benefit from and by the research or experiment; and that requisite steps are taken to ensure that both professional and ethical reviews of the research are undertaken at appropriate stages so that further and specific guidelines are laid down, and necessary directions given, in respect of the conduct of the research or experiment.

VI. **Principles of professional competence** whereby the research is conducted at all times by competent and qualified persons who act with total integrity and impartiality and who have been made aware of, and are mindful of, preferably through training, the ethical considerations to be borne in mind in respect of such research or experiment.

VII. **Principles of accountability and transparency** whereby the research or experiment will be conducted in a fair, honest, impartial and transparent manner after full disclosure is made by those associated with the research or experiment of each aspect of their interest in the research, and any conflict of interest that may exist; and whereby, subject to the principles of privacy and confidentiality and the rights of the researcher, full and complete records of the research inclusive of data and notes are retained for such reasonable period as may be prescribed or considered necessary for the purposes of post-research monitoring, evaluation of the research, conducting further research (whether by the initial researcher or otherwise) and in order to make such records available for scrutiny by the appropriate legal and administrative authority, if necessary.

VIII. **Principles of the maximization** of the public interest and of distributive justice whereby the research or experiment and its subsequent applicative use are conducted and used to benefit all human kind and not just those who are socially better off but also the least advantaged; and in particular, the research participants themselves and or the community from which they are drawn.

IX. **Principles of institutional arrangements** whereby there shall be a duty on allpersons connected with the research to ensure that all the procedures required to be complied with and all institutional arrangements required to be made in respect of the research and its subsequent use or application are duly made in a bonafide and transparent manner; and to take all appropriate steps to ensure that research reports, materials and data connected with the research are duly preserved and archived.

X. **Principles of public domain** whereby the research and any further research, experimentation or evaluation in response to, and emanating from such research is brought into the public domain so that its results are generally made known through scientific and other publications subject to such rights as are available to the researcher and those associated with the research under the law in force at that time.

XI. **Principles of totality of responsibility** whereby the professional and moral responsibility, for the due observance of all the principles, guidelines or prescriptions laid down generally or in respect of the research or experiment in question, devolves on all those directly or indirectly connected with the research or experiment including the researchers, those responsible for funding or contributing to the funding of the research, the institution or institutions where the research is conducted and the various persons, groups or undertakings who sponsor, use or derive benefit from the research, market the product (if any) or prescribe its use so that, inter alia, the effect of the research or experiment is duly monitored and constantly subject to review and remedial action at all stages of the research and experiment and its future use.

XII.**Principles of compliance** whereby, there is a general and positive duty on all persons, conducting, associated or connected with any research entailing the use of a human participant to ensure that both the letter and the spirit of these guidelines, as well as any other norms, directions and guidelines which have been specifically laid down or prescribed and which are applicable for that area of research or experimentation, are scrupulously observed and duly complied with.

STUDY PROTOCOL APPLICATION:

1. The title with signature of Principal Investigator (PI) and Co- investigators as attestation for conducting the study.
2. Clear research objectives and rationale for undertaking the investigation in human participants in the light of existing knowledge.
3. Recent curriculum vitae of the investigators indicating qualification and experience.
4. Participant recruitment procedures and brochures, if any.
5. Inclusion and exclusion criteria for entry of participants.