



Sultana N. Nahar
Department of Astronomy

McPherson Laboratory
140 W. 18th Avenue
Columbus, Ohio 43210-1173

Phone: 614-292-1888

FAX: 614-292-2928

Email: nahar.1@osu.edu

Website: <http://www.astronomy.ohio-state.edu/~nahar>

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To:
Professor Mesbah Uddin Ahmed
President
Bangladesh Physical Society
Dhaka, Bangladesh

Ref. Four annual FOP students presentation prizes for the best presentation and research at the annual conference of Bangladesh Physical Society

Dear Professor Mesbah Ahmed,

Assalamu alaikum.

Per discussion with you over the phone and emails with you and Dr. M. Nazrul Khan, we, Dr. Charles Clark of NIST and Prof. Sultana N. Nahar of the Ohio State University, are submitting on behalf of Frontiers of Physics (FOP) program to you the MOA of guidelines for the recognition program that will give four prizes for the best research presentations, one male and one female students from oral sessions and one male and one female students from poster sessions, at the annual conference of Bangladesh Physical Society (BPS).

Since endowment profit will not be available until 2023, FOP has made special arrangement for the prizes in 2022 as described in the attached MOA.

If approved, distribution of prizes can be initiated in the upcoming BPS conference to be held during May 19-22, 2022. We greatly value your cooperation with us.

With best regards,

Prof Sultana N. Nahar
OSU, USA

Dr. Charles Clark
NIST, USA

Memorandum of Agreement (MOA) of the prize guidelines

Annual Frontiers of Physics (FOP) Student Prizes for the best quality and presentation of research at the annual conference of Bangladesh Physical Society

1. Purpose:

To encourage and recognize the excellence and high quality research and presentations by students at the annual conference of Bangladesh Physical Society (BPS), Frontiers of Physics (FOP) is proposing 4 student presenters prizes, two from oral and two from poster presentations.

It is crucial to carry out research, publish, and present them to communicate to others for advances in science.

2. Funding:

The four prizes will be sponsored by the founders of the Frontiers of Physics program for advances in science in Bangladesh, Dr. Charles W. Clark of the National Institute of Standards and Technology and Professor Sultana N. Nahar of the Ohio State University in the USA, from their personal income. They will provide a total endowment fund of over Tk.4.7lac, equivalent to US\$5500, which will be used as the capital amount to earn profits to fund the prizes.

90% of the total annual profit of the fund will be used as prize honorarium for the 4 winners and 10% will be added to the endowment fund for future increase in honorarium.

The available fund of 90% from the profit of the endowment will be divided for distribution of honorarium to all four prizes.

Since students meals at the conference banquet are not funded by any official source, we would suggest that BPS takes care of the banquet meals for the winners. Otherwise they will be paid from the prize fund.

Funding exception for FOP prizes in BPS conference 2022:

FOP plans to recognize the second best student presenters, oral and poster categories, at the 2022 BPS annual conference with an honorarium of Tk.10,000 each. Since the endowment will bring profit starting in 2023, FOP will provide additional Tk.20000 for the prizes separately from the endowment.

Journal ATOMS of MDPI publisher is committed to Sultana N. Nahar to recognize one oral and one poster student presenter at the 2022 BPS conference with CHF150 (Swiss currency Franc, almost equivalent to US\$) each, and hence providing more than Tk.10,000 for each prize.

FOP endowment profit will yield a lower honorarium, about a half of 2022, for the 4 future prizes, but they are sustainable to continue in the future.

3. Prizes:

There will be 4 "Annual FOP Prize for the Best Quality and Presentation of Research", two (one male and one female students) from the poster and two (one male and one female students) from the oral presentations. The first and the second prizes will be determined from the judges scores on the students. Prizes are titles below:

- i) "Annual FOP Prize for the Best Quality and Presentation of Research", the First Prize, Oral presentation
- ii) "Annual FOP Prize for the Best Quality and Presentation of Research", the Second Prize, Oral presentation
- iii) "Annual FOP Prize for the Best Quality and Presentation of Research", the First Prize, Poster presentation
- iv) "Annual FOP Prize for the Best Quality and Presentation of Research", the Second Prize, Poster presentation

In case of equal or almost equal scores, both students will have the same first prize certificates and their total honorarium will be divided equally.

Each winner will receive a "Certificate of Excellence" signed by the President of Bangladesh Physical Society, Dr. Clark, and Prof. Nahar, and an honorarium. It should include student's full name, student status (e.g. Ph.D.), affiliation.

Citation in the certificate: "In recognition of outstanding physics research and presentation at the annual conference of Bangladesh Physical Society"

The honorarium will be equal to 30% for each first prize and 20% for each second prize from the available fund for the prizes.

Announcement of the prizes should be included, both in the conference announcement poster and at the BPS website, for students attention and encouragement to present research.

4. Terms and Conditions:

The student should be evaluated at least by two judges. The criteria for evaluation of the research will depend

- i) 25%: importance of the research presented
- ii) 25%: amount of progress made by the student toward the research objective
25%: Display of the slides or the poster for a complete picture of the research project
- iii) 25%: Communication of the research to the audience

v) 5%: Bonus if the research has been submitted for publication

The judges need to compromise if there is a large difference of scores. The same presentation can not be used twice to win a prize.

5. The Prize Board:

The Board will consist of following members

- President of BPS,
- Secretary of BPS,
- A selected member of BPS in active research (BPS decides),
- FOP founders, Dr. Charles W. Clark and - Prof Sultana N. Nahar.

For the best of motivation or encouragement, the Board members may suggest modifications or adjustment of the process. Any decision on the modification of the terms and conditions or relevant issues on the prizes can be made by three members of the Board with consent from FOP founders. In absence of FOP founders, the three members can make the decision.

7. Prize Ceremony:

To honor the winners and inspire others to make the best effort, it is suggested that the prizes are distributed in presence of the largest possible audience, such as conference banquet, and the news of the winners be published in BPS newsletter and media.



Prof Sultana N. Nahar
OSU, USA



Dr. Charles Clark
NIST, USA

Approved By



Prof Mesbahuddin Ahmed
President, Bangladesh Physical Society
&
Chairman, Bangladesh Accreditation Council
Tel: +88-02-222224307
Cell: +88-01313-430992, +88-01711-521466
Fax : +88-02-222224308
Email: netproj2003@yahoo.com