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SUMMARY OF RESPONSE
 Iowa Academy of Science
 Mathematics Section
 Questionnaire

The following questionnaire was sent to members of the mathematics section of the IAS with 33 responses:

1. Are you a member of M.A.A.? _____
 Teaching level: (secondary school) _____ (college; university) _____ other _____
2. Do you favor a meeting of the IAS math section at the Academy's annual meeting separate from the MAA? _____
 Are you willing to serve as section chair?* _____
3. Do you think the IAS math section should be disbanded? _____
4. Do you favor a joint meeting of the IAS math section and the Iowa Section of MAA? _____
5. As an IAS member, do you approve of no registration fees for nonmembers who are attending separate meetings such as MAA? _____
 If you favor a fee, what fee would you suggest? _____
 If not, what suggestions do you have for solving the registration fee impasse?

RESPONSE DATA

<u>Question No.</u>	<u>Non-MAA Members</u>			<u>MAA Members</u>			<u>Composite</u>		
	<u>Yes</u>	<u>No</u>	<u>Blank</u>	<u>Yes</u>	<u>No</u>	<u>Blank</u>	<u>Yes</u>	<u>No</u>	<u>Blank</u>
2	1	5	5	1	18	3	2	23	8
3	0	8	3	2	14	6	2	22	9
4	8	0	3	20	0	2	28	0	5
5	3	5	3	8	11	3	11	16	6

The responses to the middle part of question five are listed below and range from helpful to non-committal to humorous:

If you favor a fee, what fee would you suggest?

- | | | |
|------------------------|---------------------|-----------------------|
| 1. none | 5. \$5.00 | 9. very minimal fee |
| 2. x - daily | 6. \$2.00 | 10. 50% |
| 3. cover meeting costs | 7. a reasonable fee | 11. \$5.00 or less |
| 4. set as IAS fee | 8. no comment | 12. \$5.00 to \$10.00 |
13. same fee as charged to other non-IAS members
 14. low, help defray cost of putting on conference
 15. one that reflects their fair share of total meeting arrangement costs
 16. whatever is needed to cover expenses
 17. whatever we need to pay for their expenses
 18. "good faith" token fee
 19. less than half the cost to members

Suggestions for solving the registration fee impasse are listed as follows for the purpose of a discussion which hopefully will lead to a recommendation that will be satisfactory to all concerned parties:

It does not bother me that I pay IAS fees and other mathematicians who attend meetings at the IAS do not. Over the years I do not believe that the number of non-ISA paying people attending meetings has averaged 50%.

I agree that the issue of paying for meeting costs should be brought to the attention of MAA members who are not members of the IAS but do not believe the point should be pressed.

It would seem to me that the dues of the 84 members of the ISA mathematics section should probably pay for the costs to the Academy of the section and if not, then greater pressure should be put on non-members who attend meetings to pay something towards costs - but not otherwise.

I don't know the proper compromise, but there has to be one to the mutual benefit of both I.A.S. and M.A.A.

Frankly, ISA Math Section has done nothing of value during 3 years I have been a member.

Comment: I feel that the appearance of an MAA speaker at the Spring meeting has been one of the biggest attractions to me for attending the meeting. I have enjoyed other parts of the meeting but they have been secondary.

I also think fees would be expected for any meeting because of the expenses involved in bringing in speakers, rent, printing, etc.

An academy of sciences need not be a monolith. I am not charged a colloquium fee by the Statistics or Physics Dept. or Engineering College at ISU on the occasions when I attend their colloquia. The IAS could both serve and protect better if it could be an "umbrella" organization drawing together all scientific organizations of the state for mutual benefit and greater service to our state and our professions. Those groups like MAA, AAPT, NABT, etc. which are well enough organized to present their own programs should be encouraged to do so and, if they prefer, to pay their portion of the meeting costs as a group.

(Comment in response to question 5. - As an IAS member, do you approve of no registration fees for nonmembers who are attending separate meetings such as MAA): No, but MAA and SAM should help pay for the costs of such a meeting.

Note: Since devoting most of my time to administration the last year-and-a-half, I am not active in either MAA or IAS. (I frequently wish it were otherwise.) The group is too small to have two meetings of IAS-math and MAA. For the most part, there are the same people. (Non-MAA members may be AMS, ACM or other besides IAS.)

I should like to make some general observations of the total situation. First, I regret that so few MAA members are members of IAS. Some have expressed opinions that IAS does not do anything for them. I feel that this is a narrow minded point of view. They seem to overlook that science and mathematics tend to advance together.

I can live with MAA members not being members of IAS but to me it is incomprehensible that there would be resistance to some registration fee at the time of a meeting.

Under #3, I do not see any possibility of the IAS section functioning apart from the Iowa Section of the MAA.

If there is a solution, I believe that some sort of flat rate 'meeting' fee be paid by the Iowa Section to cover some of the expenses that the IAS has incurred. The Iowa Section would need to decide how that is raised - probably by a registration fee. I have avoided answering #5 and submit this last paragraph instead.

In the past many MAA members simply did not register and hence paid no fee. The disgruntlement arises from the required registration fee for persons presenting papers. Many MAA members resented having to pay the fee just to present a paper.

My solution: Forget the required registration fee! Members of both organizations will continue to pay the fee and members of MAA only won't be turned away.

If something isn't worked out, both sections will die.

I favor a small fee for those who do not register for IAS. This would be turned back to IAS to help cover printing expenses.

I hope we can continue to use MAA chair and program chair to run the meetings.

Sorry to be non-committal. Like anyone who belongs to many professional organizations, I support some with my dues payments and others with a large investment of time. In my case, although I value highly the contributions and importance of both the MAA and the IAS, my time and energy commitment is chiefly to the National Council of Teachers of Mathematics and their Iowa affiliate. I consequently do not want to take sides in this problem. Incidentally, almost without exception the IAS meeting is at the same time as the Annual NCTM meeting - meaning that I usually am out of the state on that occasion.

I would suggest that non-academy members pay the same registration fee as academy members if our meeting schedules would allow non-members to attend general acad. meetings. Otherwise a reduced fee might be fair.

I would hope that an arrangement with the Iowa Section of the MAA could be worked out so that a registration fee could be charged and a reasonable split could be made - based on the number who are members of both organizations. Such arrangements are common in joint meetings of many professional organizations in the United States.

This would provide income to both organizations. Both organization would benefit from such an arrangement. The MAA Iowa Section receives benefits from having all arrangements made for a meeting place, programs printed, publicity, contract with other scientists in Iowa, etc. The Academy benefits from having a much more distinguished program developed than it could provide without the MAA.

The papers presented last spring, with the cooperation of the ASA and SIAM, were the finest I have seen in many years. Such joint meetings contribute substantially to the prestige of the Academy and are advantageous to all groups involved.

If no fee will solve the problem, then I favor no fee. If not, then a token fee of approx. \$1 would be my suggestion.

I do favor trying to work with the current organizations. IAS, ICTM, and MAA seems to be at least one section too many.

Does the Academy have any type of "visitor" (non-member) meeting fee available to someone for attendance at sections of the Academy's annual meeting? If so, perhaps that arrangement could be made available to MAA members who are not Academy members.

Would not there be more to gain in keeping the meetings as they have been, in the long run - than to be too restrictive regarding the necessity for strict joint membership?

Use the money from MAA fees to publish anything that arises from MAA members who are not IAS members. The IAS should not be used to support the MAA. Mutual support is OK.

Perhaps the thrust of the ISA Math section should be changed to promote innovative teaching techniques or better methods of handling the mathematics at hand! These suggest an applied mathematics emphasis.

The IAS Math section is of long standing and I hate to think that it serves no useful purpose.

If IAS provides a service to MAA then MAA should pay for that cost. Either everybody pays the reg. fee to IAS or MAA can raise this expense money in its own manner.

Joint meetings are an absolute must (MAA, SIAM,). I doubt the IAS math section can survive otherwise. Make whatever compromises are necessary.

Question 2a: I'm not opposed to a separate meeting. But I don't think it feasible.