

8/20/80

SUMMARY OF MAA SECTION REPORTS, YEAR ENDING MAY 15, 1980

<u>SECTION</u>	<u>SIZE</u>	<u>NO. MTGS.</u>	<u>ATTEND.</u>	<u>REG. FEE</u>	<u>HONORARIA</u>	<u>MEETING HIGHLIGHTS</u>	<u>UNDERGRAD PARTICIP.</u>	<u>NEWSL.</u>	<u>VIS.LEC. PROGRAM</u>	<u>SECTION STRENGTHS</u>
Alleg. Mtn.	435	1-2day	90 Mem. 43 Stud.	\$2	Mem: no Others: yes	1)3 invited spkrs. 2)Panel disc. on HS Math Contest and Math/CS Programs	7 stud.papers + cheap accom. for students	Yes(2)	HS(0)	1)Stud.particip. 2)Good sect. mtgs.
E.Penn/Del.	637	(No Report Received)								
Florida	477	1-2day plus 5 minis	165 + 302 at minis	\$2-mem \$1-stud	M: no O: yes	Conf. on Math Articulation	Spec.session with PME of stud. papers	Yes(1)	HS(22)	1)Involve tchrs. at all levels 2)Minisection mtgs.
Illinois	948	1-2day	50	\$2-mem \$1-stud	M:minimal O:varies	Halmos banq. speech on "How To Be A Mathematician"	None	Yes, but none in 1979-80	HS(35)	1)HS Contest 2)HS Lecturer Program
Indiana	370	2-1day	65/60	\$1 (Going to \$2)	M: no O:varies	Sympos. on "Use of Hist. in Teaching of Mathematics"	None	Yes(2)	No	Undergrad.contest at ann. meeting
Intermtn.	126	(No Report Received)								
Iowa	190	1-2day	69	None	M: no O: no	Dissolved formal assoc. with IAS	1 stud. paper	No	No	Exc. jt. prog. with SIAM, ASA, and IAS
Kansas	234	1-2day	90	None	M: no O: Trav. + small hon.		2 stud. pap.	No	No	Compiled a history of the Section
Kentucky	160	1-2day	125	\$1	M: no O: yes	Invited speaker	None	Yes(2)	No	Successful book displays at mtg.
La./Miss.	345	1-2day	125	\$2 adv. \$3 at mtg.	M: no O:\$100	1)Talks by Pres. Bernstein 2)3 panel disc.	9 stud. pap.	Yes(2)	No	Increased attend. at sect. mtg. (up 100%)
Md./DC/Va.	1470	2-1day	130/110	\$2	M: no O: no		Special sess. for students	Yes(2)	No	Summer short courses
Metro. NY	1043	1-1day	120	\$1	M: no O: no	1)Visit by Willcox 2)Varied mtg. prog.	Prog. planned with students in mind	Yes(1)	HS	1)Math Fair 2)NY State Math League
Michigan	623	1-2day	125	\$2 if dues unpaid	M: no O: yes	1)Theme: "Art of M. Escher" 2)Microcomp. demos	3 stud. pap.	Yes(2)	HS(40)	1)Math Prize Compet. 2)HS Vis.Lect.Prog.
Missouri	311	1-2day	75	\$3	M:\$0-\$50 O:\$150+ lodging	1)Panel Discussion 2)Friday banquet	None	Yes(2)	HS(40)	1)Newsletter 2)Annual meeting

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Nebraska	110	1-2day	50	Sometimes	Sect.pays exp. + host Instit.may give honor.	1)Papers on continued fractions 2)Visit by Pres. Bernstein	None	Yes(1)	No	HS Contest winners, parents, tchrs. recog. at Neb.Ac.of Sci: banquet
New Jersey	635	2-1day	50/25	\$1	None		None	Yes(2)	No	1)HS Contest 2)Good TYC/non-acad. particip.
No. Central	473	2-2day	60/90	\$3	M: no O:sometimes	UMAP display and presentations	1)Stud.papers 2)High Putnam scorers recog.	Yes(2)	No	1)2 mtgs./year 2)Institutional memberships
NE	1406	2-2day	100/160	\$2	M: no O: \$50	Talk by J. Milnor	None	Yes(2)	No	1)Newsletter 2)Incr. involvement + learning opportunities
No. Calif.	1062	1-1day	141	\$2	M: no O: no		None	Yes(1)	HS(12)	1)HS Lect. Prog. 2)Sect. meeting
Ohio	731	2-2day	130/130	\$2	M: no O:\$100, usually	1)Student papers 2)Special "Heroes of Math" lectures	15 stud. pap. + cheap accom. for students	Yes(3)	No	1)Summer short cs. 2)Productive comm. 3)Good leadership + attendance
Okla/Ark	256	1-2day	125	\$2	No policy	1)N.A.Court lecture 2)Invited address	15 stud. pap. in sess. chaired by students	Yes(1)	No	N.A.Court Lecture Fund drive
Pacific NW	783	1-2day	300	\$3	M: no O: yes	Constance Reid lect.	None	Yes(1)	No	Section meeting
Rocky Mtn.	323	1-2day	112	\$3	M: no O: Host Inst.pays	1)Theme:"Non-trad. Uses of Math." 2)Jt.mtg.with AMS	None	Yes(2)	HS + Col (20)	Theme and quality of section mtg.
Seaway	977	2-2day	80/70	\$3	No fixed policy	1)Banquet talk 2)H.M.Gehman Lect. by Coxeter 3)Panel on 3-yr. HS math. sequence	None	Yes(2)	No	1)Sect.mtg. 2)Stud.success on Putnam exam 3)Newsletter
SE	1365	1-2day	197 mem. 41 stud.	\$2	M: no O:\$100	Invited talks by Boas, Berndt, Bryant	8 stud.pap.	No	No	Sect. mtg., including student papers
So. Calif.	1032	1-3day 1-1day	200/160	\$1-stud. \$3-mem. \$5-other	M: no O:no, usually	One jt.mtg.with AMS and SIAM	None	Yes(2-3)	No	Good prog. at section mtgs.
SW	303	1-2day	99	\$1	Usually none	Report on "Math. in Africa"	None	No	No	Section meetings

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Texas	844	1-2day	164	\$5	M: no O: Host Inst. pays to one speaker	1) Panel on shortage of math. tchrs. in Texas + cert. req. 2) Honored winner of Texas Math Olymp. and his teacher	None	Yes(2)	IIS(?)	1) Involv. of all groups, espec. TYC 2) Pub. "College Math. in Texas" 3) Sponsor Math. Olympiad
Wisconsin	366	1-2day	100	\$2	Exp. only	Seminar for Apple computer users	None	Yes(2)	No	1) Initial newsletter 2) Fall workshop 3) Acquired MAA Lib. 4) Financially sound

Miscellaneous gleanings:

- Membership is up over year-previous figures in 21 of the 29 sections, for an overall increase of 2.6%.
- For lack of space reported section problems were not tabulated this year. The most frequently mentioned ones were recruitment of active members, need to increase section activity, and financial difficulties.
- All but 4 sections now publish newsletters.
- 10 sections reported having publishers' book displays at meetings. Three charged fees from \$10 to \$25. In most other cases publishers made contributions toward refreshment or entertainment expenses.
- Sections holding short courses or workshops during the year were:
  - Florida - December short course on "The Calculator in Pre-calculus"
  - Md/DC/Va - Two summer short courses on 1) "Catastrophe Theory"  
2) "Mathematics and the Microcomputer"
  - Northeastern - Summer short course on "Mathematical Modelling"
  - Ohio - Summer short course on "Theory of Computing"
  - Wisconsin - 2-day fall workshop on "Mathematics, Calculators, and Computers: MC<sup>2</sup>"
- Approximately half of the sections reported special efforts to attract TYC and/or non-academic mathematicians. Techniques used included sending letters or newsletters to all TYC faculty, scheduling panels or talks of particular relevance for TYC, and appointing or electing TYC and non-academic mathematicians to section offices or committees.

Degree of Participation in Section Activities

<u>Type of Employment</u>	<u>Poor</u>	<u>Fair</u>	<u>Good</u>	<u>Total</u>
PhD Institutions	7	16	4	27
Two-Year Colleges	10	12	5	27
Other Colleges/Universities	1	3	23	27
Non-academic	18	8	1	27
Totals	36	39	33	