A PUBLICATION BY AND FOR COMMUNITY COLLEGE MATHEMATICS INSTRUCTORS

Illinois Community Colleges
The Math ConneXion

Volume 15 Winter 1986-87 Number 2

President's Message

LaVerne McFadden
Parkland College

Even though my thoughts are up in the air and somewhat clouded, I decided I would try and write this message. You see, I am 35,000 ft above the United States on my way home from the AMATYC convention in San Francisco. AMATYC continues to grow and serve us well. The Saturday breakfast buffet had a record registration of 650 people and VMATYC (Virginia Mathematical Association of Two Year Colleges) was accepted as an affiliate of AMATYC. That brings the total number of affilitates of AMATYC to 23. The delegate assembly chose Seattle as the convention site for 1991 and the 1992 convention will be held in our Midwest Region (Illinois, Indiana, Kentucky, Michigan, Ohio, and Wisconsin). The sessions were very entertaining and informative and gave one the chance to exchange ideas with other AMATYC members. I was also happy to see over 100 from the Midwest Region with a large entourage from IMACC.

Our annual conference is approaching faster than I want to think. I encourage all of you to plan to attend and register early. The registration form is found in this issue. You will also find a tentative conference schedule, which will be finalized before the next issue of the ConneXion and will be published at that time.

The IMACC Curriculum Committee is presently doing some research concerning assessment. If anyone has collected or is collecting assessment information, across the state, would you please send it to

Dale Ewen
Parkland College
2400 W. Bradley Ave.
Champaign, IL 61821

(continued)

In the list below, you will find some new definitions you may want to share with your students. These were copied from a presentation entitled "Humor in Mathematics" given by Bill Bompart of Augusta College, Augusta, GA at the AMATYC convention.

Trinomial: A last ditch diet plan.

Floppy Disk: A disk in the lower back that allows one to bend over and bite off their toenails.

Binary: A two-headed canary.

Geometry: What an acorn says when it grows up.

Algebra: An undergarment of a mermaid.

Conic section: What mathematicians read first in the Sunday paper.

Topology: A study of tops.

Monotonic decreasing function: My check book.

Logarithm: Music that lumberjacks make.

Prism: A place you send convex.

Slide Rule: Never stand at the bottom of a slide when a fat person is coming down.

Examples of Whole (hole) Numbers: 9, 10

Example of a two Whole (hole) Number: 8

Have a Merry Christmas and a Prosperous New Year

Articles, notices, items of interest, requests for information, etc., should be received by the editor for publication according to the schedule below:

1986-87 Issue	Materials Must Be Received by	Publication Date
#3	Feb. 15, 1987	Mar. 1, 1987
#4	Apr. 15, 1987	May 1, 1987

Faculty Briefs

LaVon Grosland (Elgin) has recently returned to the classroom after a summer illness kept him home bound for 10 weeks of the fall semester.

Marvin Johnson (Lake County) was granted a PhD in Education Policy Analysis at the University of Illinois-Chicago in September, 1986.

Jim Burnham (Illinois Central) received a D.A. degree in mathematics education from Illinois State University.

Russell Day (Illinois Central) gave a presentation entitled "Geometric Think-and-Do Activities - Grades 5-8" at the Regional NCTM Meeting at South Bend, IN, on October 23, 1986.

During the ICTM Annual Conference at the University of Illinois-Champaign on October 31, 1986, Dan Alexander (Parkland) made a presentation entitled "The Cross Product in n-Dimensions." Jerry Becker (Southern Illinois University-Carbondale) presented three papers at the Fourth Japan-China Conference on Mathematics Education held at Yamanashi University in Kofu, Japan, on September 12-14, 1986. Jerry's papers were entitled "The Role of Teaching Units in Improving Mathematics Education," "Integrating Problem Solving into Mathematics Teaching," and "Curricular Implications of Microcomputers for School Mathematics." Richard Fritz (Moraine Valley), Bill Schooley (Harper), and Tom Shilgalis (Illinois State) were invited speakers and Carole Bauer (Triton), Robert Eicken (Illinois Central), and Bill Schooley (Harper) served as presiders at the 12th Annual Convention of AMATYC held in San Francisco November 13-16, 1986.

Among the newly hired mathmetics faculty this fall at the two-year college level is Charles Tomlinson (Springfield College in Illinois).

Stan Rose (Illinois Central) and Tom Callahan (Richard Daley) were recently promoted in rank. Stan was promoted to the rank of Professor while Tom was promoted to Assistant Professor.

Several faculty who had published articles recently include Michael Shaskevich (Olive-Harvey), Marvin Johnson (Lake County), and Jim Rauff (Lake County).

Michael's article entitled "Symmetrical Cubic Polynominials with Rational Roots" was published in the *AMATYC Review*, Marv's article entitled "Computer Literacy and Computer Science and their Relationship to Mathematics" appeared in the fall 1986 issue of *Mathematics and Computer Education*, while Jim's article entitled "A Structural Function of the 'Cage' in the Harappan Script" will appear in the 1986 *Journal of Tamil Studies*.

Neale Fadden (Belleville) was elected as chair-elect of the Illinois Section of the Mathematics Association of America.

Bob Eicken (Illinois Central) was appointed Acting Mathematics Department Chair at Illinois

Central College. Wayne Weaver (Lake Land) was appointed Division Chairperson of the Mathematics and Physical Sciences Division. Wayne has been a member of the Mathematics Department at Lake Land since 1968. John Wenger (Loop) was elected a Grievance Chair for the 2600-member Cook County College Teachers Union. Jerry Becker (Southern Illinois University-Carbondale) was chief organizer for the *U.S.-Japan Seminar on Mathematical Problem Solving* held at the East-West Center in Honolulu, July 14-18, 1986. The proceedings (fifteen papers plus discussions) will be published by July 1, 1987.

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If you have a **Faculty Brief** which you would like to share with the IMACC membership about a colleague in your Department or about yourself, please send the information to Bill Schooley, Assistant Editor, *The Math ConneXion*, Mathematics Department, Harper College, Palatine, IL 60067.

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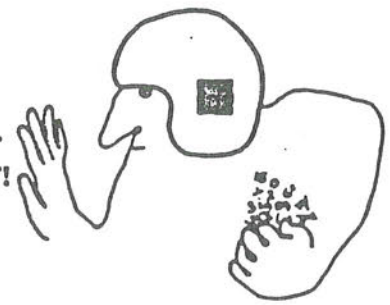

Campus Happenings

Belleville Area College

The AMATYC Student Mathematics League awarded the College's Math Team an honorable mention in the recent League competition. Terry Ping-Chung Lee, a student at Belleville, placed second nation-wide in the individual competition. The Belleville team was "coached" by Genevieve Snider.

Elgin Community College

Voters in the Elgin Community College District #509 approved a tax increase on November 4, 1986, by a 3000-plus vote margin. This increase will allow ECC to raise $1.05 million for its Education Fund. Without this increase, ECC faced a budget deficit of $500,000 during the 1987-88 fiscal year.

Barbara Juister

Harper College

The Mathematics Department has had a budget item approved that will support the attendance of one part-time Harper College Math faculty member at the IMACC Allerton House meeting on April 2-4, 1987.

In September, 1987, the three-semester sequence of Analytic Geometry, Calculus I, and Calculus II, presently part of the Harper College mathematics curriculum, will be

replaced by a new three-semester sequence of Calculus with Analytic Geometry I, II, and III. The new sequence will integrate the topics currently in Analytic Geometry throughout the Calculus. In preparation for the revised Calculus sequence, the current three-semester-hour College Algebra course will become a four-semester-hour course.

Margaret Scott

College of Lake County

Dr. Joe Gallian of the University of Minnesota-Duluth gave a talk entitled "Deciphering Codes: A Mathematics Application" on Thursday, September 18, 1986. Over 200 students and faculty attended and heard Dr. Gillian's presentation which dealt with the use of codes in commercial applications including the concept of check digits as used in zip codes and in Universal Product Code.

Marvin Johnson

Oakton College

In the fall of 1986, students who enrolled in a college mathematics course at Oakton for the first time were required to take a Mathematics Placement Test. This procedure was designed to insure placement in a course appropriate to their mathematical skills and background. Students transferring into Oakton from another college did not have to take the Placement Test if they could demonstrate by transcript or grade card that the course prerequisite had been satisfied with a grade of "C" or better within the last three years. The Mathematics Placement Test consists of two parts: part one contains arithmetic and beginning algebra; part two, advanced algebra and pre-calculus. Approximately 1500 students were tested for the fall semester. The test content and cut off scores are currently being evaluated. Mathematics faculty were pleased with retention results directly attributable to this new placement policy.

Peter Livorsi

Olive-Harvey College

The Mathematics Department at Olive-Harvey presented a colloquium at the beginning of the 1986-87 school year. Speakers and their topics included John Fenley, "A Takeoff on Newton's Method," and Willie Black, "Elementary Model Theory."

College Union Voice

Parkland College

The Parkland College Math Club will participate in the AMATYC Student Math League Contest #1 in early December.

Jim Hall and Dan Alexander are sponsors of the Parkland organization.

Dan Alexander

Southern Illinois University-Carbondale

Professor Alan Bell of the Shell Center for Research in Mathematics Education gave a lecture on "Recent Experimental Studies of Mathematics Teaching" and conferred with mathematics education faculty on September 28-October 1, 1986.

Starting on October 15, 1986, sixty K-12 mathematics teachers will receive

instruction in mathematics and problem solving, use of calculators and computers, development of problem solving modules for their classrooms, and developing a "Community of Scholars" among teachers. This two-year project to integrate problem solving into mathematics teaching is being funded by a National Science Foundation grant under the direction of SIU faculty Jerry Becker and Neal Foland.

Jerry Becker

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If you have an announcement about a "happening" which is being planned or which has already occurred on your campus and which might be of interest to the membership, please send the information to Bill Schooley, Assistant Editor, *The Math ConneXion*, Mathematics Department, Harper College, Palatine, IL 60067.

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PROFESSIONAL DATES

NCTM 65th Annual Meeting
8–11 April 1987, Anaheim, Calif.
NCTM 66th Annual Meeting
6–9 April 1988, Chicago, Ill.
NCTM 67th Annual Meeting
12–15 April 1989, Orlando, Fla.

For a listing of local and regional meetings, contact NCTM, Dept. PD, 1906 Association Dr., Reston, VA 22091, Telephone: 703-620-9840; CompuServe: 75445,1161; The Source: STJ228.

AMERICAN MATHEMATICAL ASSOCIATION OF TWO YEAR COLLEGES

Announces

13th ANNUAL CONVENTION

Kansas City, Missouri

OCT.29–NOV.1

COME JOIN US AND SEE THE HEART OF AMERICA

ENJOY

- The Country Club Plaza
- Dinner Playhouses
- Crown Center
- City of Fountains
- Kansas City Jazz
- Truman Home
- Home of Royals and Chiefs
- Nelson Gallery of Art & Museum
- Historic Old Westport
- Harry S. Truman Library/Museum

A CALL FOR PAPERS

The 1987 AMATYC National Convention will be held at the Hyatt-Regency Hotel in Kansas City,Mo. , Oct.29–Nov.1

Anyone interested in presenting a talk, workshop, or panel discussion should contact the program chairperson. Those interested in presiding , please contact the presider chairperson.

Program Chairperson

Jerine Ridgeway
Mathematics Department
So. Seattle Community College
6000–16th Ave. S.W.
Seattle, Wa. 98106
(206) 764–5371

Presider Chairperson

Shao Mah
Mathematics Department
Red Deer College
Red Deer
Alberta Canada,T4N5H5

For further information contact:

Forrest G. Lowe
1987 AMATYC Convention Chairperson
Longview Community College
500 Longview Rd.
Lee's Summit, Mo. 64063
(816) 763–7777 x283

IMACC Committee Updates/Reports

Budget Committee, Ray Whaley (Waubonsee), Chair

The Committee will be presenting its annual report after it meets with the IMACC Treasurer at the Annual IMACC Conference at Allerton House, Monticello, IL, on April 2-4, 1987.

IMACC Curriculum Committee, Dale Ewen (Parkland), Chair

The Committee met with Dr. Ivan Lach and Ms. Virginia McMillan of the ICCB on November 6, 1986, to discuss minimum entrance requirements, learning outcomes, assessment, and the beginning algebra, geometry, and intermediate algebra sequence. Due to the publication deadline of *The Math ConneXion*, more information regarding this Committee's work will be published in the next issue of *The Math ConneXion*.

IMACC Memorial Fund Scholarship Committee

Vince Zalapi (Lake County), Chair

The necessary information, nomination, and application forms are included elsewhere in *The Math ConneXion*. The Committee will be meeting after the February 1, 1987, deadline date of said nominations to review all applications.

James Armstrong Award Committee, Robert Eicken (ICC), Chair

An article concerning the recruitment of nominations for this award is included elsewhere in this issue. Once nominations are received (March 4, 1987 deadline), the Committee will select the award winner, if any, and order the plaque which will then be presented at the Annual Spring IMACC Conference at Allerton House, April 2-4, 1987.

Membership Committee, Dom Magno (Harper), Chair

As of this writing, IMACC has 188 individual members and 20 Institutional Memberships. If you have overlooked paying your 1986-87 IMACC dues (and 37 of the 1985-86 members have), please send in your dues to the IMACC Treasurer as soon as possible. The Membership Committee would like to thank those who have helped in the recruitment of new members and ask that you keep mentioning IMACC to "old" and "new" colleagues who are not already members.

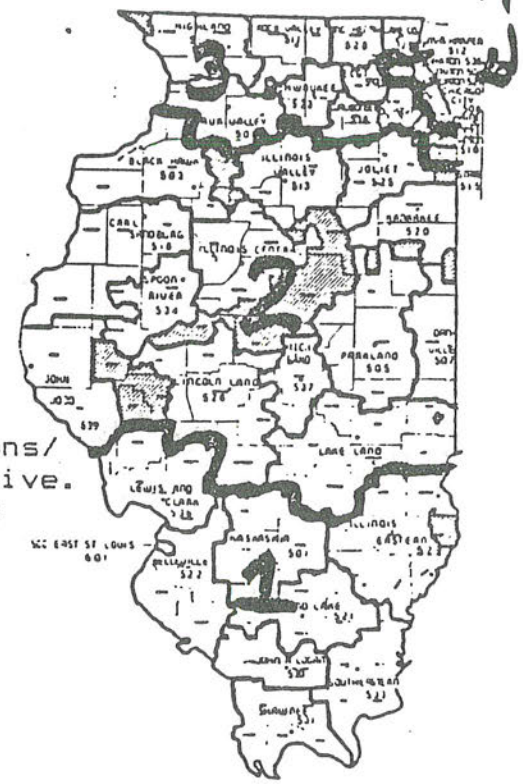
The Membership Committee has divided the state into four regions. (See map.) Each region has been assigned a contact person as follows:

Region 1: Otis Shouse
Olney Central
(618) 395-4351

Region 2: Carla Hillman
Blackhawk East
(309) 852-5671

Region 3: Dave Gustafson
Rock Valley
(815) 654-4365

Region 4: Dom Magno
Harper
(312) 397-3000



Please address any membership questions/ concerns to your regional representative. Current IMACC membership by region is

Region 1: 22
Region 2: 50
Region 3: 58
Region 4: 31

(Note: The total does not equal 188 because some IMACC members are not assigned to a school in one of the four regions.) Our membership goal is 200-plus individual memberships. We ask your continued support in recruitment.

A list of the twenty 1986-87 IMACC Institutional Members includes

1. Black Hawk College
2. Carl Sandburg College
3. College of Lake County
4. Elgin Community College
5. Harper College
6. Illinois Central College
7. Illinois State University
8. Illinois Valley Comm Coll
9. John Logan College
10. Kishwaukee College
11. Lincoln College
12. Lincoln Land Comm College
13. McHenry County College
14. Morton College
15. Oakton College
16. Olive-Harvey College
17. Parkland College
18. Richland Comm College
19. Sangamon State University
20. SIU-Carbondale

Is your school's name on the above list? If not, why isn't it? Contact the appropriate administrator at your school and encourage him/her to have your college become a 1986-87 IMACC Institutional Member today. The goal of the Membership Committee is to have at least 37 such Memberships by the Annual Spring IMACC Conference, April 2-4, 1987.

Nominations/Elections Committee, Ann Dice (Harper), Chair

The Nominations/Elections Committee is now securing nominations for 1986-87 officers and board members. Please forward the names of possible candidates to John West (Belleville Area College), Stu Anderson (College of DuPage), or Ann Dice (Harper College) by December 1, 1986.

Program Committee, LaVerne McFadden (Parkland), Chair

The Program Committee has developed a tentative agenda for the Annual Spring IMACC Conference which will be held April 2-4, 1987, at Allerton House, Monticello, IL. (See Tentative Agenda.) If you have questions/concerns regarding this agenda, please contact LaVerne McFadden (Parkland College) at (217) 351-2225/340.

Allerton House

TENTATIVE CONFERENCE SCHEDULE

Allerton House-April 2, 3, 4, 1987

Thursday, April 2, 1987

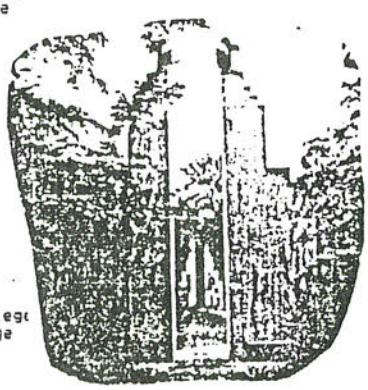
6 p.m.-9 p.m.	Check-in
7 p.m.	Social Hour
8 p.m.	IMACC Board Meeting (old) LaVerne McFadden, Parkland College

Friday, April 3, 1987

7:30 a.m.-8 a.m.	Breakfast
8:30 a.m.-10:15 a.m.	Changes in the Instruction of Calculus Dr. Stephen B. Rodi, AMATYC President, Austin Community College and Dr. Lida Barrett, Northern Illinois University
10:15 a.m.-10:30 a.m.	Coffee Break
10:30 a.m.-11:15 a.m.	Question and Answer Period about the above presentation
11:15 a.m.-11:45 a.m.	AMATYC Information Dr. Stephen B. Rodi, AMATYC President, Austin Community College
12-12:45 p.m.	Lunch
12:45 p.m.-2 p.m.	Park Excursions
2 p.m.-3:30 p.m.	IMACC Curriculum Committee update on Minimum Entrance Requirements, Learning Outcomes, Assessment, and the Beginning Algebra-Geometry-Intermediate Algebra sequence Dale Ewen, Parkland College Tom Cochran, Belleville Area College Jess Moore, John A Logan College Carole Bauer, Triton College Barbara Juister, Elgin Community College John Bradburn, Elgin Community College
3:30 p.m.-3:45 p.m.	Coffee Break
3:45 p.m.-4:45 p.m.	Yet to be determined
4:45 p.m.-5:30 p.m.	Social Hour
5:30 p.m.-6:15 p.m.	Dinner
6:45 p.m.-7:30 p.m.	The History of Mathematics Dr. Duane Deal, Ball State University
7:30 p.m.	Board Meeting (new) Jim Trefzger, McHenry County College
7:30 p.m.	Social Hour

Saturday, April 4, 1987

7:30 a.m.-8 a.m.	Breakfast
8:30 a.m.-9:30 a.m.	ICTM Trip to China Carla Hillman, Black Hawk College
9:30 a.m.-10 a.m.	A Transitional Course for High School Graduates Before Entering College John Bradburn, Elgin Community College
10 a.m.-10:15 a.m.	Coffee Break
10:15 a.m.-11 a.m.	Yet to be determined
11 a.m.-11:45 a.m.	Annual Business Meeting
12-12:45 p.m.	Lunch
1 p.m.	End of Conference-Check out



Life Membership Award

At the October 31 meeting of the IMACC Board of Directors, proposals for two new awards were presented by the Service to IMACC Committee and were discussed and approved by the Board. The first of these is a Life Membership in IMACC that will be awarded to all retiring (and previously retired) members who meet the following guidelines:

1. At the time of retirement, the recipient should have been a member of IMACC for at least half of the years that IMACC had been in existence. When IMACC is 20 years old, this guideline will be changed to be a (constant) 10 year membership requirement.

2. The recipient should have been a participating member of the organization, as evidenced by regular attendance at IMACC conferences or other significant contributions of time and talent.

The award will take the form of a framed certificate of Life Membership in IMACC and a life-time subscription to the Connexion. The committee hopes that the membership will inform us about the announced retirements of IMACC members at their schools. This information will be considered as a nomination for the Life Membership Award if the member meets the above guidelines. So that we don't accidentally omit anyone, the committee would also appreciate the membership's help in identifying members who have retired in past years. The first IMACC Life Membership Awards will be presented at Allerton this coming April. Please take time to fill out and return the form below as soon as possible:

****

NAMES OF IMACC MEMBERS WHO WILL BE RETIRING THIS YEAR:

NAMES OF IMACC MEMBERS WHO HAVE RETIRED IN THE PAST (Please include the year of retirement, if known):

THIS INFORMATION SUBMITTED BY: _____

Please return this form to: Jim Trefzger
McHenry County College
Crystal Lake, IL 60014

IMACC Distinguished Service Award

The other new award approved at the October Board meeting is the IMACC Distinguished Service Award. This award will be given annually to honor one of our members for a career of outstanding service to IMACC. The guidelines for the IMACC Distinguished Service Award are as follows:

1. The nominee should be a member of IMACC who has actively participated in the organization for at least 10 years. Retired members who meet this requirement, and those who retired before IMACC was 10 years old, should also be considered elgible under this guideline.

2. The nominee must have held an elected office (President, Secretary, Treasurer, or Director) in IMACC.

3. The nominee must have served at least 4 years in some combination of elected offices, committee appointments, or appointments as a Connexion editor or conference coordinator.

4. A letter of nomination should be received by the selection committee no later than February 15 for the nominee to be considered for that year's award. The letter of nomination should be written by an IMACC member familiar with the nominee's qualifications.

The form of this award will be an engraved plaque (similar to what has been given to recipients of the James Armstrong Award).

The IMACC Board has appointed the Service to IMACC Committee (Al Besserman, Otis Shouse, and Jim Trefzger) to solicit and review nominations for the first IMACC Distinguished Service Award, which will be presented at Allerton this coming April. Please take time now to send a letter of nomination for the committee to consider. The deadline for nominations is February 15, 1987.

Jim Trefzger
McHenry County College
Crystal Lake, IL 60014

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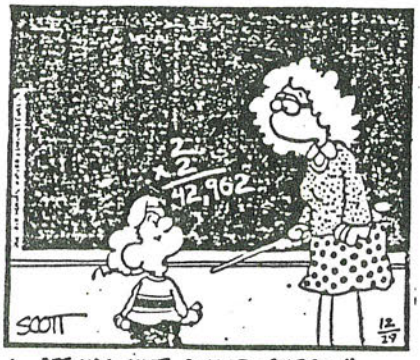

"IT WAS JUST A WILD GUESS."

Announcing
the
Third Annual AMATYC Summer Institute
at
Ricks College
Rexburg, Idaho
(80 miles from Yellowstone)

Course Offerings:

Applied Math taught by Dr. Harvey Fletcher. This course is a repeat offering from the 1986 Institute. (Limited to the first 25 who register.)

Math Teaching Strategies led by Larry Saunders. This course is designed to offer 2 or 3 of our colleagues the opportunity to share teaching strategies they have found successful. If you are interested, contact Larry Saunders with a synopsis of your idea. As the presenters are selected, more information will be sent to those who express interest.

----------(DETACH)----------

1987 AMATYC Summer Institute
Ricks College, Rexburg, Idaho

I wish to register for ($25 deposit enclosed)
- ○ Applied Math
- ○ Teaching Strategies

I wish information for
- ○ Applied Math
- ○ Teaching Strategies

Name: _____

Address: _____

City, State, Zip: _____

Send to Larry Saunders
Ricks College
Rexburg, ID 83440

JAMES ARMSTRONG AWARD

CALL FOR NOMINATIONS

The James Armstrong Award was established in 1978 to honor Jim's leadership in fostering a spirit of cooperation between two-year college math teachers and the math faculties at four-year colleges and universities. It is to be awarded annually to a four-year college or university professor who continues this tradition of cooperation and willingness to offer assistance in the teaching of mathematics in the two-year colleges. Previous recipients have been Tony Peressini of the University of Illinois, Arnold Wendt from Western Illinois University, and John Dossey from Illinois State University.

Please take time now to submit your nominee, position and school, with a supporting letter for the committee's consideration to:

Robert Eicken
Department of Mathematics
Illinois Central College
East Peoria, IL 61635

The deadline for nominations to be received is March 4, 1987.

IMACC Memorial Fund Scholarship

Don't forget your nomination for the student scholarship(s). We have not received very many nominations. Certainly, there are many math students out there who deserve to be nominated. Please attend to this matter now before you forget. Complete information for this scholarship was given in the fall issue of the Connexion. If you need any information about the scholarship, call or write to me now. Nominations and all necessary student paper work should be sent to: Vincent A. Zalapi, College of Lake County, 19351 W. Washington Street, Grayslake, IL 60030 no later than February 1, 1987. My phone number is (312) 223-6601, Ext. 495.

Thank you,

Vincent A. Zalapi

Vincent A. Zalapi

Philosophy: The IMACC Scholarship is awarded annually to a student attending an Illinois two-year or four-year college meeting all of the eligibility criteria stated below and selected by the IMACC Scholarship Committee. The scholarship is awarded in memory of James Armstrong, a University of Illinois Professor until his death. Mr. Armstrong was instrumental in establishing the Allerton Conferences and in fostering better relations between two-year and senior colleges.

The scholarship provides approximately $300 or more to the selected recipient to help defray the costs encountered at an institution of higher education. The money may be used for whatever purpose the recipient deems necessary.

Eligibility Criteria: Students meeting all of the criteria may apply for the IMACC Scholarship. If, in the opinion of the Selection Committee, there is no bonified candidate, the scholarship will not be awarded that year. The decision of the Committee is final.

1. The applicant must be a citizen of the United States. The individual must have a cumulative grade point average of B or better with no math grade less than a B; he/she must be pursuing an education at some institution of higher learning in the State of Illinois with a high demonstrated potential to complete the program and must have earned at least 30 semester hours at a community college.

2. The applicant must demonstrate a need for the scholarship.

3. An applicant must be intending to complete a degree in mathematics, engineering, or an applied mathematics curriculum.

4. Each applicant must be nominated by a current member of IMACC who must submit a statement of his/her rationale for nominating the applicant. This written statement must be sent to the Chair of the Selection Committee under separate cover from that of the student application. The written nomination must not exceed one double-spaced typewritten page. Four copies are required. It is emphasized that the person nominating a student shall not assist the student in the writing of his/her personal statement.

5. The applicant must submit a written application and transcript of courses and grades. Details concerning career objectives, work experiences, financial conditions, general philosophy of education, and other information that is felt to be helpful in assisting the Selection Committee should be included. The written application must not be longer than five double-spaced standard typewritten pages. Four copies are required. These copies must be sent under separate cover to the Chair of the Selection Committee.

6. The deadline for receiving applications is February 1 of the school year.

7. The scholarship will be awarded to selected applicants after receiving a written verification from the college records office that the applicant has enrolled in an institution of higher education in the state of Illinois as a full-time student. Full-time student status shall be decided by the institution requirements. Failure to do this will result in the disqualification of the applicant and the next eligible applicant will be awarded the scholarship.

8. The scholarship will be awarded to an individual student only once. The student may, however, have his/her name submitted a maximum of two times.

STUDENT INFORMATION FORM FOR THE IMACC MEMORIAL FUND SCHOLARSHIP

1. The applicant must be a citizen of the United States.

2. The applicant must have a cumulative grade point average of B or better with no math grade less than a B. He/She must be pursuing an education at some institution of higher learning in the state of Illinois with a high demonstrated potential to complete the program and must have earned at least 30 semester hours at the community college.

   Complete the following:

   Name _____

   Home Address _____

   Home Phone _____

   Semester hours of completed community college courses _____

   Cumulative grade point average _____

   Semester hours of completed mathematics courses _____

3. An applicant must be intending to complete a degree in mathematics, engineering, or an applied mathematics curriculum.

   Complete the following:

   Degree pursued _____

   Illinois institution to which applicant intends to transfer, enroll as a full-time student, and complete a degree _____

4. The scholarship will be awarded to selected applicants after receiving a written verification from the college records office that the applicant has enrolled in an institute of higher education in the state of Illinois as a full-time student. Full-time status shall be decided by the institution requirements. Failure to do this will result in the disqualification of the applicant, and the next eligible applicant will be awarded the scholarship.

5. Applicant must submit a written application not longer than five double-spaced standard typewritten pages. Details concerning the following must be addressed: (1) career objectives, (2) work experience, (3) financial conditions and need for scholarship, (4) general philosophy of education, and (5) other information felt to be helpful. Applicants should follow the above order and label each area addressed.

6. Applicant must submit to the chair of the Selection Committee, one copy of a transcript of courses and grades. Four copies of this information form and the written application are required and must be sent to the following address:

   Vincent A. Zalapi
   Chairman, Scholarship Committee
   Math Department
   College of Lake County
   19351 W. Washington Street
   Grayslake, IL 60030

The forms and applications must reach my office no later than February 1, 1987. Allow five days for delivery.

ILLINOIS MATHEMATICS ASSOCIATION OF COMMUNITY COLLEGES

THE IMACC MEMORIAL FUND SCHOLARSHIP

I nominate _____ for the IMACC Memorial Fund Scholarship. My nomination is supported by the following comments:

_____

_____

_____

_____

_____

_____

_____

_____

Check one of the following:

I am currently a member of IMACC_____

I am Not a member but the college of my employment is an institutional member_____

Your name (print)_____

Your signature _____

Date _____

(Use reverse of this form if more space is needed)

IMACC OFFICERS
1986-1987

President.....LaVerne McFadden.....Parkland College

President Elect.....James Trefzger.....McHenry County College

Past President.....Tom Cochran.....Belleville Area College

Secretary.....Eline Svendsen.....Lakeland College

Treasurer.....Rita Fischbach.....Illinois Central College

IMACC Board of Directors for 1986-1987
Terms ending 1987

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IMACC MEMBERSHIP APPLICATION FORM
April 19, 1986 - April 4, 1987

Name: _____ School: _____

Home Address: _____ School Address: _____

_____ _____

Phone:( )_____ Phone:( )_____

At which address do you wish correspondence to be sent? (Circle one)

Home School

Enclosed find a check made payable to IMACC for

Regular Membership	$ 5.00
Contributing Membership*	$ _____
Institutional Membership	$80.00

Mail to:
Rita Fischbach, IMACC Treasurer
c/o Illinois Central College
East Peoria, IL 61635

* A Contributing Membership must exceed $5.00. The difference between the amount you send and $5.00 will be contributed to the IMACC Memorial Scholarship Fund.

FISCAL 1986-87 IMACC INSTITUTIONAL MEMBERSHIP INVOICE*

IMACC Institutional Membership Application

Please complete all portions below and enclose a check for $80.00, payable to IMACC, for your annual IMACC Institutional Membership.

INSTITUTION: _____

ADDRESS: _____

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_____ TELEPHONE: ( ) _____

CONTACT PERSON: _____

POSITION/TITLE: _____

* The IMACC fiscal 1986-87 year starts April 19, 1986 and ends April 4, 1987.

Mail this IMACC Institutional Membership and fees to:

Rita Fischbach, IMACC Treasurer
c/o Illinois Central College
East Peoria, IL 61635

Math Department
Illinois Central College
East Peoria, Illinois 61635

Winter '86 - '87

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