A PUBLICATION BY AND FOR COMMUNITY COLLEGE MATHEMATICS INSTRUCTORS

Illinois Community Colleges

# The Math ConneXion

Volume 17 Spring, 1989 Number 3

## President's Message

David Gustafson
Rock Valley College

This issue of *The Math ConneXion* is devoted entirely to the IMACC Annual Meeting at Allerton House, April 13-15, 1989. In this issue you will find details about the conference program and registration information. The registration deadline is March 31, 1989. Since attendance at the Allerton conference has increased in the past several years and last year approached capacity, I recommend that everyone register early.

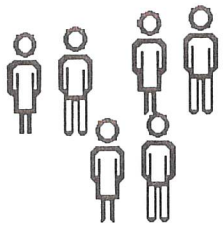
For those who have not previously attended an IMACC conference, I should point out that Allerton House is a Georgian mansion located near Monticello, Illinois (20 miles west of Champaign). The surrounding 1500-acre estate (Allerton Park) is a beautiful mixture of sculpture, formal gardens, and natural woodlands set along the Sangamon River. In addition to fine facilities for the program, this registered national landmark also offers a unique setting for informal discussions with your colleagues. The conference begins with a check-in and social hour on Thursday evening and ends with lunch on Saturday. A map is included in this issue to make Allerton Park a little easier to find.

The program will include a variety of topics. The keynote speaker, Phil Straffin from Beloit College, will speak on The Geometry of Voting. Bob Hathaway, from Illinois State University, will discuss the possible uses of graphics calculators in the mathematics classroom. After dinner on Friday Travis Thompson, from Harding University, will speak on Statistics, The (Mis)leading Edge of Academics. On Saturday, Phil and Sue McGill will show us how to teach mathematics with a computer and

spreadsheet software.

In addition to these featured speaders, there will be a panel discussion on articulation, some good news about the IMACC project on Placement and Assessment, and an update on community college politics from Dr. David Pierce, Executive Director of the Illinois Community College Board. The conference will conclude with the annual business meeting.

Something new this year will be small group discussions in various teaching areas. Many members have asked for these small group share sessions. I hope it will give IMACC members a good opportunity to meet with colleagues from other colleges and to share and discuss common problems.



Of course, there will be time set aside to stroll in the park and enjoy the grounds. I know the food will be great. It always is. The publisher sponsored happy hours and coffee breaks will give us all ample time to reminisce and to renew old acquaintances.

Please remember to send in your registration form as soon as possible. (Why not fill it out right now?)

See you at Allerton House.

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## Attention!

Are you a **current** IMACC member? Please check the number in the upper right-hand corner of your address label affixed to this issue of **The Math ConneXion**. If the number is less than "0489" or if no number appears, then you have not yet joined IMACC for the 1988-89 year. Join now so you can take advantage of the reduced registration fee available to IMACC members for the upcoming Allerton House Conference.

From the

## Editor's Desk

As you can probably tell, this issue of **The Math ConneXion** is devoted entirely to the upcoming Allerton House Conference, April 13-15. As with past IMACC Conferences, I believe that you will find this Conference extremely worthwhile. For your convenience, a Conference Registration Form is located on page 9 of this issue.

Also, check page 7 to determine if your institution is a 1988-89 IMACC Institutional Member. If so, one person from your institution is entitled to attend this year's Conference as your institutional representative free of charge. Maybe you can be that fortunate person to take advantage of this benefit for which your institution has already paid. Make sure, however, that no one else at your institution is planning to serve as your institutional representative to the Conference.

I do hope to see each of you this April at Allerton House. Do not hesitate to stop me and give me some ideas for the upcoming issues of **The Math ConneXion**. I am always in need of assistance!

Bill

William Schooley, Editor

## 1988-89 Publication Information for The Math ConneXion

Articles, notices, items of interest, requests for information, advertising, etc. should be received by the Editor for publication in the final 1988-89 issue of **The Math ConneXion** according to the following schedule:

| Issue Number | Materials Must Be Received By |
|---|---|
| #4 | April 21, 1989 |

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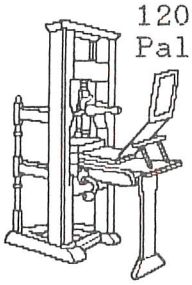

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# Allerton House Conference
# April 13-15, 1989

Robert J. Rubel
Conference Coordinator

The 1989 Allerton House Conference is fast approaching! This year's conference will be held on April 13, 14, and 15 in Monticello's Allerton Park. A registration form for this conference can be found on page 9 in this issue of **The Math ConneXion**. Please complete and return this form today!

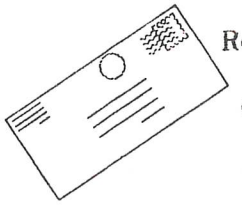
Housing in Allerton Park consists of the Main House (doubles, triples, and quads), Evergreen Lodge (doubles), the Gatehouse (doubles and one quad), and the Little House in the Woods (doubles and triples). (A map on page 6 in this issue shows the location of each of these buildings.) If you mail your registration immediately, you will be housed in one of these buildings. However, if you wait, you may find that all Allerton Park housing is full. If that happens, you will have to be housed in a motel in Monticello, several miles from Allerton Park. Motel occupants must provide their own transportation to Allerton Park for the conference.

PLAN AHEAD

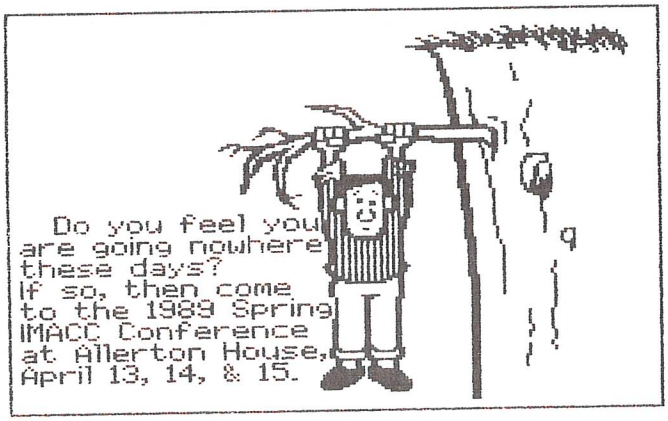
Last year some registrants had difficulty with their respective business offices processing their requests for funding in time to meet the registration deadline. To avoid this problem, you may want to mail a personal check to pay your registration fee and then request reimbursement from your college.

(Note: Requests for confirmation of your housing requests will not be honored. However, you will be notified if you have to stay at the motel.)

If you need more informatin about the conference, please feel free to call me at 217-351-2549.



**Reminder:** Registration forms must reach Robert Rubel, Conference Coordinator, by March 31, 1989. But don't delay, mail yours today!



# IMACC ANNUAL MEETING



ALLERTON HOUSE APRIL 13, 14, 15, 1989

**THURSDAY, April 13**

| | |
|---|---|
| 6:00-9:00 p.m. | Check In |
| 7:00 p.m. | Social Hour |
| 8:00 p.m. | IMACC Board Meeting (old)<br>David Gustafson, Rock Valley College |

**FRIDAY, April 14**

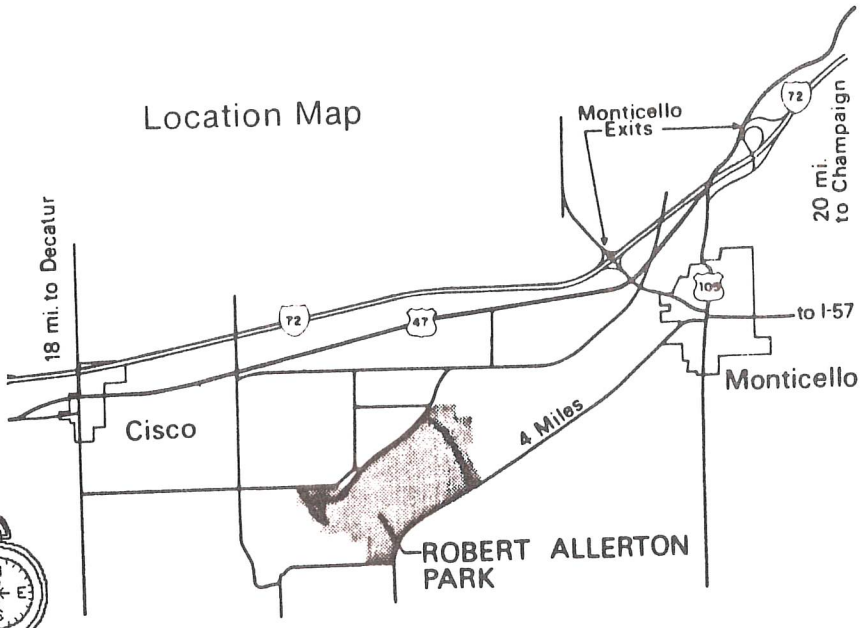
| | |
|---|---|
| 7:15-8:15 a.m. | Breakfast |
| 8:30-9:45 a.m. | The Geometry of Voting: An Introduction to Spacial Models<br>Professor Philip Straffin, Beloit College |
| 9:45-10:00 a.m. | Coffee Break |
| 10:00-11:00 a.m. | Graphic Calculators: An Algebra Tool<br>Professor Robert Hathaway, Illinois State University |
| 11:00 a.m.-Noon | Small Group Discussions<br>Beginning Algebra<br>Intermediate Algebra<br>College Algebra and Trigonometry<br>Calculus<br>Liberal Arts Mathematics<br>Technical Mathematics |
| Noon-1:00 p.m. | Lunch |
| 1:00-2:00 p.m. | Park Excursions |
| 2:00-3:15 p.m. | Panel on Articulation |
| 3:15-3:30 p.m. | Coffee Break |
| 3:30-4:30 p.m. | Dr. David Pierce, Executive Director,<br>Illinois Community College Board |
| 4:30-5:30 p.m. | Social Hour |
| 5:30-6:30 p.m. | Dinner<br>Presentation of Awards |
| 6:45-7:30 p.m. | Statistics—The (Mis)leading Edge of Academics<br>Professor Travis Thompson, Harding University |
| 7:30 p.m. | IMACC Board Meeting (new)<br>Rita Fischbach, Illinois Central College |
| 7:30 p.m. | Social Hour |

**SATURDAY, April 15**

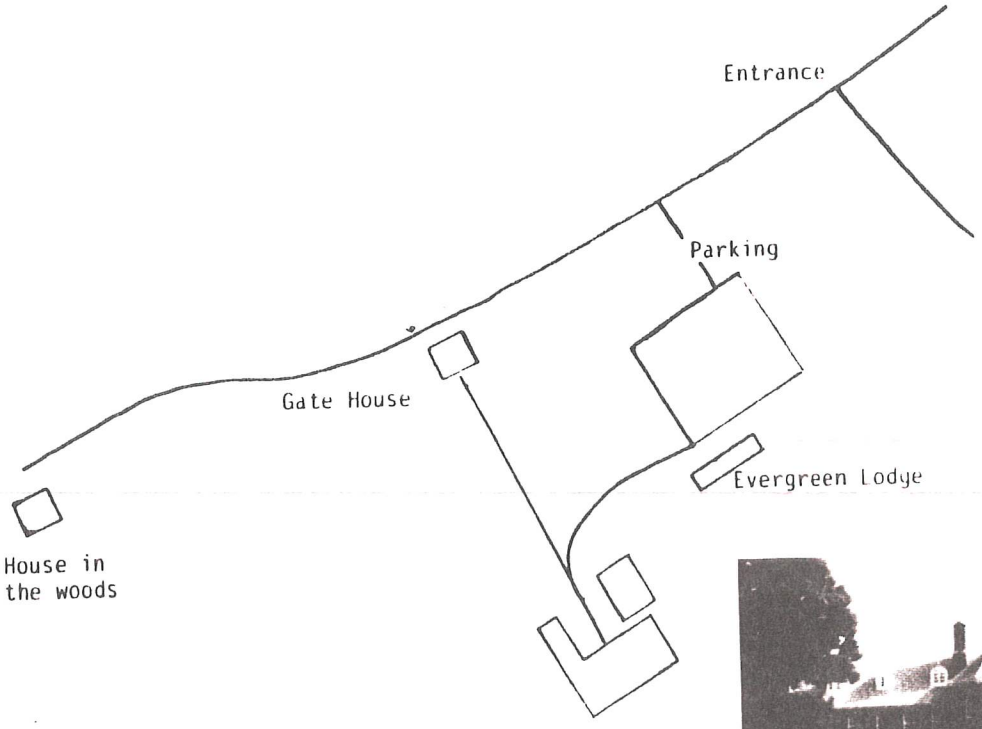
| | |
|---|---|
| 7:15- 8:15 a.m. | Breakfast |
| 8:30-10:00 a.m. | Teaching Mathematics on a Spreadsheet<br>Professor Phillip McGill, Illinois Central College<br>Susan McGill, Senior Analyst, Caterpillar Tractor Company |
| 10:00-10:30 a.m. | Report from the Illinois Mathematics Committee<br>on Placement and Assessment<br>Professor John Bradburn, Elgin Community College |
| 10:30-10:45 a.m. | Coffee Break |
| 10:45-11:45 a.m. | Annual Business Meeting |
| Noon-12:45 p.m. | Lunch |
| 1:00 p.m. | End of Conference -- Check Out |

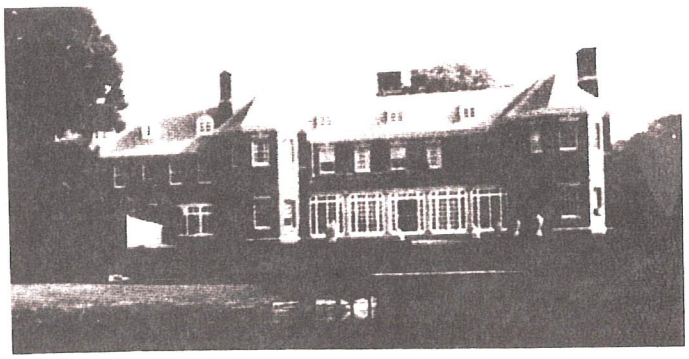
# Directions to Allerton House

**Directions:** Take I-57 to Monticello Road exit (Exit 229). Follow road into Monticello. At second stop sign, turn left. At next stop sign, turn right. Follow this road to Allerton.




ALLERTON PARK HOUSING



# 1988-89 IMACC
## Institutional Members

The following is a list of all 1988-89 IMACC Institutional Members as of February 15, 1989.

Belleville Area College
Black Hawk College - Quad Cities
Carl Sandburg College
College of DuPage
College of Lake County
Danville Area Community College
Eastern Illinois University
Elgin Community College
Highland Community College
Illinois Central College
Illinois Eastern Community College
Illinois State University
Illinois Valley Community College
John A. Logan Community College
Joliet Junior College
Kankakee Community College
Kaskaskia College
Kishwaukee College
Lewis & Clark Community College
Lincoln Land Community College
Moraine Valley Community College
Morton College
Oakton Community College
Parkland College
Richland Community College
Rock Valley Community College
Saint Xavier College
Sangamon Community College
Springfield College
Triton College
University of Illinois Champaign-Urbana
Waubonsee Community College
William Rainey Harper Community College

If your institution's name is not on the above list, find out why. Remember, an $80.00 IMACC Institutional Membership entitles that institution to send one representative to IMACC's Annual Spring Conference free of charge (i.e., room for Thursday and Friday nights, five consecutive meals starting with Friday's breakfast, plus registration). What a deal! So complete the IMACC Institutional Membership Form in this issue of *The Math ConneXion* and return it to Dom Magno, IMACC Treasurer.

# IMACC INSTITUTIONAL MEMBERSHIP FORM

ILLINOIS MATHEMATICS ASSOCIATION of COMMUNITY COLLEGES

Please Remit To:
IMACC
c/o Dom Magno, TMPS Division
William Rainey Harper College
1200 West Algonquin Road
Palatine, Il 60067-7398

INVOICE
198889

Institution Name _____

Address _____

City _____ State _____ Zip _____

President _____ Phone _____

Vice-President of Academic Affairs _____

Contact Person _____ Title _____

IMACC Institutional Membership $80.00
(Illinois Tax I.D. #: 371127723)

TOTAL: $80.00

# IMACC INDIVIDUAL MEMBERSHIP FORM

## 1988-89

NAME _____ SCHOOL _____

HOME ADDRESS _____ ADDRESS _____

_____ _____

_____ _____

PHONE (_____)_____ PHONE (_____)_____

TO WHICH ADDRESS DO YOU WISH CORRESPONDENCE SENT? (CIRCLE ONE)

HOME SCHOOL

IMACC INDIVIDUAL MEMBERSHIP ..... $5.00

CONTRIBUTING MEMBERSHIP* (ANY AMOUNT YOU WISH TO CONTRIBUTE).... _____

TOTAL: _____

Please make check payable to IMACC

Mail to:

IMACC
c/o Dom Magno, TMPS Division
William Rainey Harper College
1200 West Algonquin Road
Palatine, Il 60067-7398

* A Contributing Membership is any amount over the $5.00 Individual Membership. The difference between the amount you send and $5.00 will be contributed to the IMACC Memorial Scholarship Fund.