

Cornell College

MOUNT VERNON, IOWA

Department of Mathematics

September 27, 1973

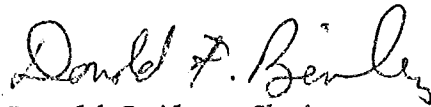
Dear Colleague:

Enclosed is the pertinent information for the Program of Visiting Lecturers of the Iowa Section of the Mathematical Association of America. Each institution of higher education in Iowa, junior colleges, four year colleges, and universities, is to receive a copy. Also, each lecturer is to have a personal copy. Your Executive Committee trusts that you will read the information carefully. Then schools and lecturers can make arrangements for visits.

A report of a visit is to be made by the lecturer on the form provided. Schools are invited to report informally.

If questions arise or if we may be of service to you, please feel free to contact your Executive Committee.

Sincerely,



Donald Bailey, Chairman
Iowa Section
Mathematical Association of America

DB:cb
enclosures

Iowa Section
of the
Mathematical Association of America

PROGRAM OF
VISITING LECTURERS

1973-74

The Iowa Section of the Mathematical Association of America initiated a Local Visiting Lecturer Program in the academic year 1972-73. At the April, 1973 meeting of the Section at Grinnell, those in attendance voted to continue the program for a second year.

The cost of the program is borne by:

1. Postage, paper, and reproduction of copy from regular funds of the Section.
2. Expenses of the lecturers by the host institution as their budget permits. Expenses are defined to be: mileage at the rate of 10¢ a mile, and out of pocket expenses for meals and/or lodging while away from home.
3. In case the expenses of the lecturer are more than the host institution can pay, the difference is paid from a \$100 grant from the Mathematical Association of America to the Iowa Section for this purpose.

Each institution which wishes to have a visiting lecturer from the following list should contact the lecturer directly and make all arrangements by mutual agreement. Schools without funds or with insufficient funds to pay expenses should not hesitate to invite lecturers. (One should bear in mind however that only \$100 is available to cover expenses not covered by host institutions.)

Each lecturer has indicated the Level of his lecture according to the following definition:

Level I -- Designed for Junior-Senior Mathematics Majors and Staff.

Level II -- Designed to further the interest of the Freshman-Sophomore student in Mathematics.

Also the lecturer has indicated the day or days of the week preferred (DOW) and the maximum one-way mileage (MOWM), if any, for the visit.

Questions or comments should be directed to any member of the Executive Committee:

Donald Bailey, Chairman
Iowa Section
Cornell College
Mount Vernon, Iowa 52314

Donald Pilgrim, Chairman-Elect
Iowa Section
Luther College
Decorah, Iowa 52101

Basil E. Gillam, Secretary-Treasurer
Iowa Section
Drake University
Des Moines, Iowa 50311

Joseph Hoffert, Past-Chairman
Iowa Section
Drake University
Des Moines, Iowa 50311

LECTURERS AND TITLES

Arnold Adelberg

Grinnell College, Grinnell, Iowa 50112

Binomial Coefficients and the Calculus of Finite Differences	Level II
Bezout's Theorem for Hypersurfaces in Projective Space	Level I
Intersection Multiplicity for Algebraic Curves in the Plane	Level I
(DOW) none	(MOWM) none

Deane Arganbright

Iowa State University, Ames, Iowa 50010

Let Me Put It Another Way: Pop-up Group Theory	Level I or II
(DOW) Tuesday or Thursday	(MOWM) "reasonable"

James L. Cornette

Iowa State University, Ames, Iowa 50010

Available only after March 10

Elementary Problems in Biomathematics	Level I
Introduction to Population Genetics	Level II
Introduction to Game Theory	Level II
(DOW) none	(MOWM) none

A. M. Fink

Iowa State University, Ames, Iowa 50010

Latin Squares	Level II
Coloring of Graphs	Level I or II
Variations on Geometric Mean-Arithmetic Means	Level I
Secrets of a Mississippi River Gambler	Level I
The Fair Division Problem	Level I or II
(DOW) none	(MOWM) none

Robert V. Hogg

University of Iowa, Iowa City, Iowa 52240

First Semester Only

Florence Nightingale, Statistics, and Acturial Science

Level II

A Problem in Maximum Likelihood Estimation

Level I

Adaptive Statistical Inference

Level I

(DOW) Thursday

(MOWM) 150

Charles M. Lindsay

Coe College, Cedar Rapids, Iowa 52402

Other Domains

Level II

History of Mathematics--Selected Topics

Level I or II

Order and Chaos--A Look at Mathematics being Applied

Level II

(DOW) none

(MOWM) none

Elsie Muller

Morningside College, Sioux City, Iowa 51106

Women Mathematicians from Emmy Noether to the Present

Level I or II

Great Problems in Mathematics

Level II

Recreational Mathematics

Level I

(DOW) Friday

(MOWM) none

M. R. Novick

University of Iowa, Iowa City, Iowa 52240

Computer Assisted Data Analysis

Level I

(DOW) Monday or Friday

(MOWM) none

E. J. Peake

Iowa State University, Ames, Iowa 50010

Universal Algebra

Level I

(DOW) Tuesday or Thursday

(MOWM) 150

Ronald Randles

University of Iowa, Iowa City, Iowa 52240

Surveying Sensitive Issues through Randomized Responses	Level II
Statistics, Scientific Method, and Smoking	Level I
(DOW) Tuesday or Thursday	(MOWM) 150

Tim Robertson

University of Iowa, Iowa City, Iowa 52240

Step Function Regression	Level II
Measuring the Middle	Level II
Estimating a Density and its Mode	Level I
(DOW) none	(MOWM) 150

D. E. Sanderson

Iowa State University, Ames, Iowa 50010

Teaching as an Aid to Research	Level I
The Jordan Curve Theorem--A One Hundred Year History	Level I
(DOW) Tuesday or Thursday	(MOWM) 150

F. T. Wright

University of Iowa, Iowa City, Iowa 52242

Estimating Population Sizes From Recapture Data	Level II
Isotonic Optimization	Level I
Sums of Independent Random Variables	Level I
(DOW) Friday	(MOWM) 150

Alex Kleiner

Drake University, Des Moines, Iowa 50311

Binomial Coefficients	Level II
Mobius Transformations	Level II
Infinite Series	I or II
(DOW) None	(MOWM) 150