

# Delbert Ray Fulkerson Prize Selection Committee

## General Description

- Committee is standing
- Number of members is three (1 AMS, 2 MPS<sup>1</sup>)
- Term is three years

## Principal Activities

The following are the rules given by Jan Karel Lenstra of the Mathematical Programming Society, Inc. (MPS)

The Fulkerson prize for outstanding papers in the area of discrete mathematics is sponsored jointly by the Mathematical Programming Society (MPS) and the American Mathematical Society (AMS). Beginning in 1979, up to three awards of \$1,500 each will be presented at each (triennial) International Congress of the Mathematical Programming Society; they will be paid out of a memorial fund administered by the American Mathematical Society that was established by friends of the late Delbert Ray Fulkerson to encourage mathematical excellence in the fields of research exemplified by his work.

Papers to be eligible should have been published in a recognized journal during the six calendar years preceding the year of the Congress. This extended period is in recognition of the fact that the value of fundamental work cannot always be immediately assessed. The prizes will be given for single papers, not series of papers or books, and in the event of joint authorship the prize will be divided.

The term “discrete mathematics” is intended to include graph theory, networks, mathematical programming, applied combinatorics, and related subjects. While research work in these areas is usually not far removed from practical applications, the judging of papers will be based on their mathematical quality and significance.

The Selection Committee for the awards will have two members appointed by the chairman of the Mathematical Programming Society and one member appointed by the president of the American Mathematical Society. The committee members will serve for at most two rounds of awards, with terms overlapping where possible for the sake of continuity. One of the initial MPS appointees will be the first chairman of the committee; subsequent chairmen should whenever possible be veterans of the previous round of awards. The Selection Committee will devise its own procedures for acquiring nominations or otherwise searching out papers of interest, taking pains however, not to overlook the work of young, relatively unknown mathematicians.

The first set of prizes, for papers published during 1973-1978 will be awarded at the 1979 Congress in Montreal.

*wording from Jan Karel Kenstra, Mathematical Programming Society, Inc., 3/23/93*

## Other Activities

## **Equal Opportunities for Women**

The Business Meeting of the January 19, 1972 passed the following resolution:

Resolved that:

1. the American Mathematical Society will work actively for equal opportunities for women in the following areas:
  - (a) employment at all levels: this will include the search for a recruitment of qualified women.
  - (b) advancement and tenure in academic positions.
  - (c) admissions to graduate schools.
  - (d) graduate and postdoctoral fellowships and assistantships
  - (e) membership on advisory boards and panels; and
2. the Society will include more women on
  - (a) Society programs and panels, including invited speakers and section chairmen.
  - (b) Society committees and governing boards.

The Council of August 29, 1972 instructed the Secretary to call part two of the resolution regularly to the attention of individuals in charge of various parts of Society programs.

The Secretary proposes to do this by distributing this sheet from time to time as follows:

Colloquium Editorial Committee  
Committee on Summer Institutes  
Committee on Applied Mathematics  
Organizing Committees for Institutes, Seminars, and Symposia  
Associate Secretaries

He asks in turn that the Associate Secretaries see that their Section Program Committee and the organizers of informal sessions and chairmen of invited twenty-minute papers receive copies.

### **Miscellaneous Information**

The work of the Committee can be done by mail, regular or electronic, and telephone. Such miscellaneous expenses may be reimbursed.

### ***Note to the Chair***

Committee chairs should be informed, at the beginning of each fiscal period, of the budget of their committees and cautioned to remain within the budget. Such items as travel reimbursement, accommodations, and meals for guests of any kind fall within these budgets.

Work done by committees on recurring problems may have value as precedent or work done may have historical interest. Because of this, the Council has requested that a central file system be maintained for the Society by the Secretary. Committees are reminded that a copy of every sheet of paper should be deposited (say once a year) in this central file. Confidential material should be noted, so that it can be handled in a confidential manner.

## **Authorization**

Created 4/06/93; *updated 5/95/ 8/09; 11/13*

## **Past AMS Members**

<u>Year</u>	<u>Members</u>
1988	Alan J. Hoffman
1991	Allan J. Hoffman
1994	Allan J. Hoffman
1997	Allan J. Hoffman
2000	Ronald L. Graham
2003	Andrew M. Odlyzko
2006	Michel Goemans
2009	Daniel J. Kleitman
2012	Richard P. Stanley
2015	Egon Schulte

A list of past and current members (from 1997 onward) is now available here:

<http://www.ams.org/about-us/governance/committees/fulkerson-past.html>

## **Past Winners**

<http://www.ams.org/profession/prizes-awards/pabrowse?purl=fulkerson-prize>

## **AMS Website**

<http://www.ams.org/profession/prizes-awards/ams-prizes/fulkerson-prize>

## **MOS Website**

<http://www.mathopt.org/?nav=fulkerson>

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<sup>1</sup> Now referred to as the MOS, Mathematical Optimization Society