

## **Committee to Select the Winner of The E. H. Moore Research Article Prize**

### **General Description**

- Committee is standing
- Number of members is 5
- Term is six years

### **Principal Activities**

**The Committee reports to the Executive Committee acting for the Council at the Fall ECBT in Executive Session.** The Committee nominates a recipient for an “E. H. Moore Research Article Prize” every three years for an outstanding research paper to have appeared in one of the AMS primary research journals (namely, the *Journal*, *Proceedings*, and *Transactions of the AMS*, the *AMS Memoirs*, *Mathematics of Computation*, *Electronic Journal of Conformal Geometry and Dynamics*, and *Electronic Journal of Representation Theory*) during the six calendar years ending 31 December, a full year before the meeting in which the prize is to be awarded. The prize amount is the AMS standard prize amount, equal to that of such AMS research prize awards as the Cole and Steele Prizes. Insofar as possible, for the selection of each award it shall include someone with research specialty in each of Algebra, Analysis, Applied Mathematics, Geometry/Topology, and either Discrete Mathematics or Logic.

### **Other Activities**

### **Miscellaneous Information**

Explanatory Remarks: E. H. Moore founded the Chicago branch of the AMS, served as the Society’s sixth president (1901-2), delivered the Colloquium Lectures in 1906, and founded and nurtured the *Transactions of the AMS*. The name of this prize honors his extensive contributions to the discipline and to the Society.

### **Note to the Chair**

This Committee does not ordinarily meet face-to-face. The Secretary’s office can provide the means for a telephone conference call if need be.

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**

Established: Council Agenda, 05 January 2002, page 8

### **Past Winners**

- 2004** To Mark Haiman for "Hilbert schemes, polygraphs, and the Macdonald positivity conjecture", *Journal of the AMS* 14 (2001), 941–1006.
- 2007** To Ivan Shestakov and Ualbai Umirbaev for their two ground-breaking papers, both published in the *Journal of the American Mathematical Society* : "The tame and the wild automorphisms of polynomial rings in three variables, " 17 (2004), no. 1, 197--227; and "Poisson brackets and two-generated subalgebras of rings of polynomials, " 17 (2004), no. 1, 181--196.

Next award : January 2010

### **Past Members**

#### Year Member

- 2002 Bela Bollobas, Lawrence Craig Evans, Grigorii Margulis, George C. Papanicolaou, Andrew Wiles
- 2003 Bela Bollobas, Lawrence Craig Evans, Grigorii Margulis, George C. Papanicolaou, Andrew Wiles
- 2004 Lawrence Craig Evans, Grigorii Margulis, George C. Papanicolaou
- 2005 Lawrence Craig Evans, Carolyn Gordon, Grigorii Margulis, George C. Papanicolaou
- 2006 Lawrence Craig Evans, Carolyn Gordon, Grigorii Margulis, George C. Papanicolaou, Efim I. Zelmanov
- 2007 Carolyn Gordon, Efim I. Zelmanov