



## PRESS RELEASE

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*December 21, 2009*

## Carolyn Gordon named 2010 Noether Lecturer

The Association for Women in Mathematics (AWM) is pleased to announce that Carolyn Gordon will deliver the Noether Lecture at the 2010 Joint Mathematics Meetings. Gordon, the Benjamin Cheney Professor of Mathematics at Dartmouth College was selected for this honor because of her fundamental contributions to inverse spectral problems.

Gordon received her B.S. and M.S. in Mathematics from Purdue University and her Ph.D. from Washington University. She began her career as the Lady Davis Postdoctoral Fellow at Technion- Israel Institute of Technology, followed by positions at Lehigh University and Washington University before joining the Dartmouth faculty in 1992.

Gordon's papers have appeared in diverse settings – from the Proceedings of the AMS to American Scientist. She was awarded a Centennial Fellowship by the American Mathematical Society in 1990. She and David Webb received the Chauvenet Prize from the Mathematical Association of America in 2001 for their 1996 American Scientist paper, "You can't hear the shape of a drum." Gordon has given numerous seminars and colloquia at universities throughout the world. She was the principal speaker at the Conference Board on Mathematical Sciences conference "Advances in

Inverse Spectral Geometry" in 1996. She has been an AMS Invited Speaker at the Joint Mathematics Meetings and an AMS-MAA Invited Speaker at MathFest. She is a member of the editorial board of the Journal of Geometric Analysis.



Gordon is a Past President of the Association for Women in Mathematics and continues to be a very active member. Many mathematicians will know her as the organizer of the AWM January workshops, a role she held for a number of years.

She is currently a member of the AWM Policy and Advocacy Committee.

Gordon is a former member of the Executive Council of the Conference Board on Mathematical Sciences. She was elected to the Editorial Boards Committee and the Council of the American Mathematical Society. She has served on many AMS committees including the Committee on the Profession and the Committee on Committees.

Gordon's research interests are in Riemannian geometry with emphasis on inverse spectral problems and on the geometry of Lie groups. She is particularly well-known for her work in inverse spectral geometry.

*The 2010 Joint Mathematics Meetings will be held January 13-16 in San Francisco, CA. The lecture honors Emmy Noether (1882 - 1935), one of the great mathematicians of her time. She worked and struggled for what she loved and believed in. Her life and work remain a tremendous inspiration. Recent Noether lecturers include Lai-Sang Young, Ingrid Daubechies, Karen Vogtmann, Audrey Terras and Fan Chung Graham*