APAM FACULTY

DID YOU KNOW THAT IN THE PAST TWO YEARS . . . ?

APAM EXCELLENCE

BAL

Bal won the 2011 Calderón Prize. This prize is awarded by the Inverse Problems International Association (IPIA) to a researcher under the age of 40 who has made distinguished contributions to the field of inverse problems. Prof. Bal's contributions have been in the area of inverting medical images.

BILLINGE

Billinge won the 2010 Hanawalt Award. Billinge was recognized for his groundbreaking experiments and modelling x-ray and neutron diffuse scattering by using pair-distribution-distributions. Prof. Billinge's research addresses the nanostructure problem.

BOOZER

Boozer won the 2010 Alfvén Prize. Boozer & Nührenberg were awarded the most prominent award in plasma physics from the European Physical Society for their outstanding work in the formulation of criteria allowing stellarators to improve fast particle and neoclassical confinement." Prof. Boozer's work advances fusion energy plasmas.

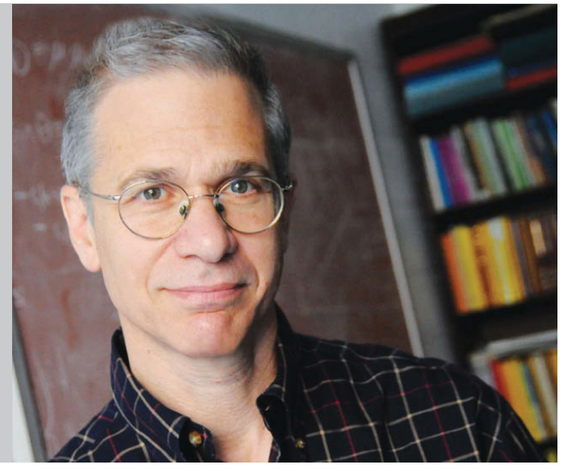
SOBEL

Sobel won the 2011 Meisinger Award. This award, presented by the American Meteorological Society Council to outstanding atmospheric scientists under the age of 40, was given to Prof. Sobel for his "outstanding contributions to the understanding of the tropical atmosphere, through observational studies and analyses of idealized dynamical models."

VENKATARAMAN

Venkataraman won a 2011 Sloan Fellowship. Venkataraman was also awarded the equally prestigious Packard Fellowship in 2008. The focus of her research is on fabricating single-molecule circuits - a molecule attached to two electrodes - with varied functionality, where the circuit structure is defined with atomic precision. Prof. Venkataraman's research is at the cutting edge of molecular electronics.

WEINSTEIN



Weinstein was named a 2010 SIAM Fellow. Weinstein, one of only thirty new Society for Industrial & Applied Mathematics (SIAM) fellows, was selected for his "contributions to the analysis and applications of nonlinear waves." Prof. Weinstein's work impacts several areas including optical communications.