Three Professors Named Fellows of American Physical Society

Fellowship in the American Physical Society is a distinct honor signifying recognition by professional peers in physics disciplines

Three UC Santa Barbara faculty members from the departments of Chemical Engineering and Mechanical Engineering have been named 2015 Fellows of the American Physical Society (APS) for their exceptional contributions to the physics enterprise. This year’s additions bring the number of APS Fellows at UC Santa Barbara to 46.

Igor Mezic, Professor of Mechanical Engineering, is recognized for fundamental contributions to the theory of three-dimensional chaotic advection, measures and control of mixing, and development of a spectral operator theory approach to decomposition of complex fluid flows. He was nominated by the APS division of fluid dynamics.

Rachel Segalman, Professor of Chemical Engineering and Materials, is recognized for pioneering contributions to the understanding of conjugated, polypeptoid, and ion-containing polymers and co-polymers. She was nominated by the APS division of polymer physics.

Todd Squires, Professor of Chemical Engineering, is recognized for advancing the quantitative and qualitative understanding of fundamental processes in microfluidics and nonlinear electrokinetics, colloidal hydrodynamics, and active and nonlinear microrheology of bulk materials and complex fluid interfaces. He was nominated by the APS division of fluid dynamics.

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