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## Professor James L. Skinner joins *The Journal of Chemical Physics* editorial team

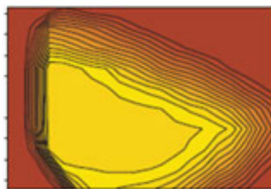
*The Journal of Chemical Physics* is pleased to welcome Professor James L. Skinner as an Associate Editor beginning 1 July 2009. With an impressive list of publications and awards, Professor Skinner brings a great deal of expertise to the journal.

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## RESEARCH HIGHLIGHT

### Modeling light-driven proton pumps in artificial photosynthetic reaction centers

Pulak Kumar Ghosh, Anatoly Yu. Smirnov, and Franco Nori



A model of a light-induced proton pump in artificial reaction centers is studied. The effect of temperature on proton pumping is also considered. The light-induced proton pump in the model presented gives a quantum yield of proton translocation of about 55%. Thus, results explain previous experiments on these artificial photosynthetic reaction centers.

*J. Chem. Phys.* **131**, 035102 (2009)

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