

American Physical Society Names Four Sandians as Fellows

Four Sandia researchers (three from within the Energy & Climate PMU) have been named Fellows of the American Physical Society, an honor that indicates recognition by scientific peers of exceptional contributions to physics. No more than one half of one percent of APS membership can be elected in a given year. Those honored are:

- **Charles Barbour** (Director of Sandia's Radiation and Electrical Sciences Center and Program Area Director for Energy Research in the Energy & Climate PMU), for outstanding contributions to the science and engineering of ion-solid interactions and thin-film materials, for leadership in professional societies, and for visionary development and guidance of programs and organizations in energy and national-security science.
- **Kevin McCarty** (recently retired from Sandia), for pioneering experimental explorations of the dynamics of ceramic and metal surfaces.
- **Steve Plimpton** (in Sandia's Multiscale Science Dept.), for creating the Large-scale Atomic/Molecular Massively Parallel Simulator (LAMMPS) molecular dynamics package. This open-source materials modeling software is widely used by physicists and materials scientists worldwide.
- **Marcus Knudson** (in Sandia's Shock and Z-Pinch Physics Dept.), for pioneering experiments to understand matter at extreme dynamic compressions and for his broad impact on multiple areas of physics through exemplary equation of state results at high pressure.



Sandia Energy & Climate PMU-affiliated researchers Charles Barbour (left), Steve Plimpton (center), and Kevin McCarty (right, retired) were recently named Fellows of the American Physical Society.

Exceptional Service in the National Interest