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Our Newsletter

AES published a quarterly newsletter which is available for free to everyone. Older issues are available on the newsletter page, and scientific articles from each newsletter are available on the article page.



May 2014



March 2014

[Past Newsletters](#)

Application Foci

- 1-D Gel Electrophoresis
- 2-D Gel Electrophoresis
- Blue Native Gel Electrophoresis
- Capillary Electrophoresis
- New Dielectrophoresis Resource Page
- Electrical Current Monitoring
- Electrokinetics
- New Electric Field Mediated Particle Alignment and Rotation
- Ferguson Plot Analysis
- Free Flow Electrophoresis
- Gradient Elution Moving Boundary Electrophoresis (GEMBE)
- New Gradient Elution Isotachopheresis (GEITP)
- Image Acquisition and Analysis
- Isoelectric Focusing
- Isotachopheresis
- LOC & Disease Biomarkers
- Mass Spectrometry
- Microchip Electrophoresis
- Microchip Electroporation
- Microfluidic Chips
- Microfluidic Free Flow Electrophoresis
- Multi-dimensional Electrophoresis
- Nanofluidic Channels
- New Nanofluidic Entropophoresis
- Particle Image Velocimetry
- Polynucleotide Electrophoresis
- Preparative Gel Electrophoresis of Native Metalloproteins
- Pulsed Field Gel Electrophoresis (PFGE)
- Surface Acoustic Wave Atomization
- Two-Phase Electrophoresis
- Western Blotting

AES News

AES past President, Adrienne Minerick, Department of Chemical Engineering at Michigan Technological University, has been named a Fellow of the [American Association for the Advancement of Science](#). Minerick was recognized "for leading contributions to the field of nonlinear electrokinetics, particularly discernment of surface molecules with electric fields in microdevices, and for leadership in the field as the AES Electrophoresis Society president." Read more [here](#).

AES member, Professor Bill Ristenpart, Department of Chemical Engineering and Materials Science at the University of California, Davis, was featured in a story by the Woodland (CA) Daily Democrat. He is co-teaching two courses using the processing and roasting of coffee to teach chemical engineering to students at the UC Davis School of Engineering. The full story is available [here](#).

AES member, Professor Boris Khusid (NJIT) received a grant from NASA's Physical Science Research Program to help investigate how complex fluids and macromolecules behave in microgravity. The investigations will be conducted aboard the International Space Station. Professor Khusid will work on Kinetics of electric field-driven phase transitions in polarized colloids. For further information click [here](#).

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