PEOPLE

Graduate fellowship awards

Thirteen analytical chemistry graduate students have been selected by the ACS Division of Analytical Chemistry to receive fellowships for the academic year ($15,000) or for the summer ($5000). The program encourages basic research in analytical chemistry and recognizes future leaders
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Full-year fellowships

Gary Baker of SUNY–Buffalo (Frank Bright). Baker is developing tailored ceramics for sensing and catalysis and for investigating protein dynamics and activity within organized/constrained media. He also uses synthetic polymer MS and two-photon excited fluorescence-based diagnostics. His fellowship is sponsored by Eli Lilly.

Cherokee Hoaglund Hyzer of Indiana University (David Clemmer). Hyzer's work uses ion-mobility MS/MS methods for the analysis of large mixtures and for conformational studies of gas-phase ions. Her fellowship is sponsored by Merck.

Andrew Leach of Indiana University (Gary Hieftje). Leach is developing radioluminescent light sources for spectrochemical sensing applications and inductively coupled plasma TOFMS for ultratrace elemental analysis. His fellowship is sponsored by DuPont.

Brian Polk of Georgia Institue of Technology (Jiri Janata). Polk is fabricating chemically sensitive field-effect transistor arrays based on modulation of the work function of selective conducting polymer layers by an analyte vapor. His fellowship is sponsored by Glaxo Wellcome.

Aaron Wheeler of Stanford University (Richard Zare). Wheeler is working with microchip-based devices and techniques for the quantitative analysis of the contents of individual subcellular organelles. His fellowship is sponsored by Procter & Gamble.

Summer fellowships

David Collins of Brigham Young University (Milton Lee). Collins is working on the development of a high-resolution gas-phase electrophoresis system to be coupled to TOFMS, which will allow for high-throughput analysis of combinatorial chemistry libraries. His fellowship is sponsored by the Society of Analytical Chemists of Pittsburgh (SACP).

Benjamin Cutak of the University of Kansas (Cynthia Larive). Cutak's work focuses on environmental chemistry through the use of pulsed-field gradient NMR to investigate the aggregation of humic substances and their interactions with hydrophobic pollutants, such as herbicides. His fellowship is sponsored by SACP.

Peter Krouskop of Michigan State University (Victoria McGuffin). Krouskop is developing and using Monte Carlo simulations as a unified approach to explore the fundamental relationships of mass transfer and chemical reaction in chromatography and chromatographic reactors. His fellowship is sponsored by the Dow Chemical Company Foundation.

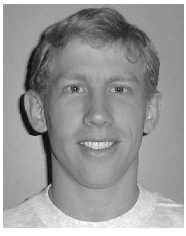
Lijuan Li of Duke University (Linda McGown). Li's work focuses on capillary electrophoresis and frequency-domain fluorescence lifetime detection for four-decay DNA sequencing and immunoassays. Her fellowship is sponsored by the R. W. Johnson Pharmaceutical Research Institute.

Amy Michel of the University of Colorado (Kathy Rowlen and John Birks). Michel's work uses atomic force microscopy to study gas–solid reactions of carbonaceous particles. Her fellowship is sponsored by PerkinElmer.

Jing Ni of Iowa State University (Marc Porter). Ni is developing a miniaturized fluid control and delivery system for a chip-scale liq-

uid chromatograph and SERS-based detection scheme for high-throughput immunosensing. Her fellowship is sponsored by Eastman Chemical.

Peter Wuelfing of the University of North Carolina–Chapel Hill (Royce Murray). Wuelfing is modifying the solid-state electronic conductivity properties of alkanethiolate monolayer-protected gold clusters by controlling factors, such as core charge, and attaching redox probes. His fellowship is sponsored by SACP.



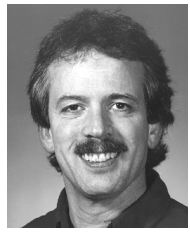
Chris Zangmeister of the University of Arizona (Jeanne Pemberton). Zangmeister is studying chlorine-releasing heterogeneous reactions that occur on alkali halide and ice surfaces in the atmosphere. His fellowship is sponsored by SACP.

DAC fellowship nominations

Applications are being accepted for the 2001–2002 Division of Analytical Chemistry graduate fellowships. These fellowships are available to full-time graduate students working toward a Ph.D. in analytical chemistry who will have completed their second year of graduate studies by the time their fellowship begins. The applicant's adviser must be a member of the Division, and only one nomination per adviser will be accepted. In addition to the application forms, nominees must submit three letters of recommendation and undergraduate and graduate transcripts.

Applications and information are available at http://www.wabash.edu/acsgraduatefellowship/home.htm. For further information, contact Richard F. Dallinger (preferably by e-mail) of Wabash College (765-361-6242; fax 765-361-6340; dallingr@wabash.edu). The deadline is December 8.

Benedetti–Pichler award



Andrew G. Ewing, professor at Indiana University, is the recipient of the American Microchemical Society's Benedetti–Pichler award. Ewing's research focuses on the development of microscale analytical chemistry techniques and their application to single-cell neuroscience. His group research involves ultrahigh-throughput DNA analysis with ultrathin slab gels and the development of gene-expression techniques for single cells.

Golay Award

Ernst Bayer and John Knox are the recipients of the 2000 M.J.E. Golay award. The award, given at the International Symposium on Capillary Chromatography and Electrophoresis, is presented to scientists for outstanding contributions in separation sciences. Bayer is an emeritus professor at the University of Tübingen (Germany) whose research interests include prep-scale GC, on-line coupling of NMR, and hyphenated methods with electrospray MS. Knox is an emeritus professor and university fellow at the University of Edinburgh (U.K.). His research interests include separation sciences and capillary electrochromatography, and he has written numerous books and publications on GC, HPLC, and thermodynamics.