

# FIRST GROUP OF 2001 PRF GRANTS

IN DECEMBER 2000, THE AMERICAN CHEMICAL SOCIETY Board of Directors approved 154 ACS-Petroleum Research Fund (PRF) grants. These grants commit some \$5.6 million of the 2001 PRF grant budget, which totals \$18.0 million.

The Petroleum Research Fund is administered by ACS. All grant funds and administrative expenses are paid for by PRF. No ACS dues money is used to support PRF.

For information and application materials for PRF grants, contact the Petroleum Research Fund, American Chemical Society, 1155-16th St., N.W., Washington, DC 20036; phone (202) 872-4481; e-mail: prfinfo@acs.org. Information is also available on the PRF website at <http://www.acs.org/prf/>.

## ACS-PRF Grants for Advanced Scientific Education and Fundamental Research in the Petroleum Field (Type AC)

**Fouad M. Aliev**, U of Puerto Rico, Rio Piedras. Relaxation Processes in Confined and Filled Liquid Crystals. \$60,000

**Scott A. Barnett**, Northwestern U. Studies of the Reaction Mechanisms of Higher Hydrocarbons on Solid Oxide Fuel Cell Anodes. \$60,000

**Dor Ben-Amotz**, Purdue U. Measurement and Modeling of Solvent Effects on Chemical Reaction Equilibria as a Function of Pressure and Temperature. \$60,000

**David E. Bergbreiter**, Texas A&M U. Design of New Soluble Copolymer Supports for Use in Organic Synthesis. \$60,000

**Michael Bevis**, U of Hawaii, Honolulu. Active Fault-Related Fold Growth Studied with an Ultra-Dense Global Positioning System Geodetic Network. \$86,500

**Cornelia Bohne**, U of Victoria. Dynamics in Bile Salt Aggregates: Characterization of Guest Binding and Reactivity. \$60,000

**Jean-Luc E. Bredas**, U of Arizona. Electronic Structure of  $p$ -Conjugated Organic Materials: A Theoretical Study of Energy/Electron Transfer Mechanisms. \$60,000

**Kieron Burke**, Rutgers U. Density Functional Scattering Theory from Atoms, Molecules, and Surfaces. \$60,000

**James W. Canary**, New York U. Absolute Configurations and Enantiopurity from Labile Coordination Complexes. \$60,000

**Gary L. Catchen**, Pennsylvania State U. Drag Reduction in Turbulent Flows: Direct Observation of Very Rapid Fluctuations in Polymer-Solvent Interactions. \$60,000

**Marjorie A. Chan, William T. Parry**, U of Utah. Sandstone Bleaching and Iron Concretions: An Index to Fluid Pathways in Jurassic Sandstones, Southern Utah. \$90,000

**Lance R. Collins**, Pennsylvania State U. Drag Reduction in Turbulent Flows: Direct Numerical Simulations. \$60,000

**Edward L. Cussler**, U of Minnesota. Distillation with a Structured Packing Made of Hollow Fibers. \$60,000

**Peter A. Dowben, Stephen Ducharme**, U of Nebraska, Lincoln. Adsorption and Desorption of Water from Crystalline Polymer Surfaces. \$60,000

**William A. Ducker**, Virginia Polytechnic Inst. & State U. Induced Adsorption as the Determinant of Surface Forces and Colloid Stability. \$90,000

**Richard S. Eisenberg**, U of Rochester. Luminescent Sensors Based on Gold(I) Compounds. \$60,000

**Michael D. Fuller**, U of Hawaii, Manoa. SE Asia Paleomagnetism and Tectonics. \$30,000

**William M. Gelbart**, U of California, Los Angeles. Single-Molecule Polyelectrolyte Condensation: Models for DNA Loading and Ejection by Viruses. \$60,000

**Vladimir Gevorgyan**, U of Illinois, Chicago. Development of Novel Lewis Acid-Catalyzed Methodologies: Formation of Carbon-Carbon, Carbon-Heteroatom, and Cleavage of Carbon-Heteroatom Bonds. \$60,000

**Philip D. Gingerich**, U of Michigan. Mammalian Immigration, Faunal Turnover, and Climate Change through the Middle and Late Paleocene of the Bighorn Basin, Wyoming. \$60,000

**Robert J. Gordon, W. Andreas Schroeder**, U of Illinois, Chicago. Spatial Control of Molecules. \$60,000

**Michael D. Graham**, U of Wisconsin, Madison. Suppression of Instabilities in Flows of Viscoelastic Liquids. \$60,000

**Gordon W. Gribble**, Dartmouth C. Novel Chemistry of Nitroindoles. \$60,000

**James L. Harden**, Johns Hopkins U. Optical Studies of Aging and Glassy Dynamics in Clay Gels. \$60,000

**Harold C. Helgeson**, U of California, Berkeley. Calculation of the Thermodynamic Properties of Organic Nitrogen-, Sulfur-, and Oxygen-Bearing (NSO) Compounds in Kerogen, Bitumen, and Crude Oil. \$60,000

**Victoria C. Hover**, Rutgers U. Mg-Rich Smectite and Illite Neof ormation as Paleoclimate Indicators, Olduvai Gorge, Tanzania: STEM/AEM and AFM Evidence for Structural and Chemical Alteration of Detrital Smectite. \$30,000

**John M. Jean**, Washington U School of Medicine. Influence of Structural Context on the Excited-State Properties of 2-Aminopurine. \$60,000

**Jerry L. Jensen, Frederick M. Chester**, Texas A&M U. Fault Structure and Permeability in Sandstone-Shale Sequences. \$60,000

**Randall D. Kamien**, U of Pennsylvania. Soap Froths and the Rational Design of Molecular Crystals. \$60,000

**Steven R. Kass**, U of Minnesota. Studies of Antiaromatic and Related Compounds. \$60,000

**Daniel Kivelson**, U of California, Los Angeles. A Theory of Supercooled Liquids. \$60,000

**Meir Lahav, Leslie Leiserowitz**, Weizmann Inst. of Science. Generation of Homochiral Peptides by Spontaneous Resolution and Topotactic Polymerization in Two Dimensions. \$60,000

**Michael E. Mackay**, Stevens Inst. of Technology. Nanophase-Separated Dendritic Structures. \$60,000

**Guangzhao Mao**, Wayne State U. Tuning the Nanostructure of Surfactant Surface Aggregates. \$60,000

**Terrance B. McMahon**, U of Waterloo. Gas-Phase  $S_N2$  Reaction. \$60,000

**Mark W. Meisel**, Daniel R. Talham, U of Florida. Synthesis and Characterization of Novel Spin Ladder Materials. \$60,000

**Ricardo B. Metz**, U of Massachusetts. Photofragment Studies of Transition-Metal Dication Solvation by Water and Methanol. \$60,000

**Henning H. Meyer**, U of Georgia. Spectroscopy and Dynamics of Small Radicals. \$60,000

**Gordon J. Miller**, Iowa State U. From Intermetallics to Metal Hydrides: Reaction Pathways and Crystal Structures. \$60,000

**Joel S. Miller**, U of Utah. Cyanide- and Dicyanophosphide-Based Network Solids Exhibiting Magnetic Ordering. \$60,000

**Michael L. Myrick, Darren L. Pearson**, U of South Carolina. Organic Synthesis, Device Fabrication, and Characterization of Nanoscale Electrical Rectifiers. \$60,000

**John H. Nelson**, U of Nevada, Reno. Rhodium(III) and Ruthenium(II) Complexes of Unusual Ligands Formed by Novel Hydroalkylation Reactions. \$60,000

**Jonathan R. Parquette**, Ohio State U. Exploring the Conformational Chirality of Intramolecularly Hydrogen-Bonded Dendrons in Molecular Recognition and Catalysis. \$88,720

**Dvora Perahia**, Clemson U. Study of the Mechanism of Surface Orientation of Liquid Crystals Using Energy- and Orientation-Controlled Interface. \$60,000

**Lin Pu**, U of Virginia. Asymmetric Synthesis by New and Efficient Chiral Catalysts. \$60,000

**M. Daniel Raftery**, Purdue U. Hyperpolarized Xenon-Enhanced NMR Surface Studies. \$90,000

**Paul G. Rasmussen, Anthony H. Francis**, U of Michigan. Material Consequences of High Symmetry and Broken Symmetry in Cyanocarbons. \$60,000

**Daniel L. Reger**, U of South Carolina. Syntheses and Investigations of Tris(pyrazolyl)methane Complexes of Iron(II): Complexes with Unique Spin-Crossover Properties. \$60,000

**Jeffrey T. Roberts**, U of Minnesota. Molecular Mechanisms of Microstructure Development in Chemical Vapor Deposition. \$60,000

**William B. Russel**, Princeton U. Film Formation from Blends of Polymer Latices. \$90,000

**Muhammad Sahimi, Theodore T. Tsotsis**, U of Southern California. Nonequilibrium Molecular Dynamics Simulation of Transport and Separation of Gas Mixtures in Nanoporous Materials. \$60,000

**Patricia A. Shapley**, U of Illinois, Urbana-Champaign. Ruthenium-Platinum Catalysts for Selective Oxidation. \$60,000

**Troy Shinbrot**, Rutgers U. Investigations of Shear Instabilities in Granular Flows. \$60,000

**Claude Spino**, U of Sherbrooke. Development of Useful Methods To Make 3° and 4° Chiral Carbons. \$60,000

**Kathleen J. Stebe**, Johns Hopkins U. Active Control of Surface Tension Using Reactive Surfactants. \$60,000

**Robert M. Strongin**, Louisiana State U. Color Sensing of Oligosaccharides. \$60,000

**Arthur G. Suits**, State U of New York, Stony Brook. Orbital Polarization in Polyatomic Photodissociation Probed by Velocity Map Imaging. \$60,000

**Dwight A. Sweigart**, Brown U. Three Projects in Organometallic Chemistry. \$60,000

**Stephen R. Westrop**, U of Oklahoma. Biostratigraphy and Paleocology of Middle and Upper Ordovician Trilobite Faunas of the Upper Simpson and Viola Groups, Oklahoma. \$30,000

**Ross A. Widenhoefer**, Duke U. Mechanistic Studies of Palladium-Catalyzed Diene Carbocyclization. \$60,000

**Martha O. Withjack**, Rutgers U. Geometry and Development of Oblique-Inversion Structures: An Experimental Approach. \$54,734

**Keith A. Woerpel**, U of California, Irvine. Fundamental Investigations of Reactions of Five- and Six-Membered Ring Oxocarbenium and Iminium Ions. \$60,000

**Xiao-Lun Wu**, U of Pittsburgh. "Living" Colloids: Dynamics of Motile Bacteria in Two Dimensions. \$60,000

**John Z. H. Zhang**, New York U. Dynamics Study of Atomic Reaction with Methane. \$60,000

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**ACS-PRF Grants for Advanced Scientific Education and Fundamental Research in the Petroleum Field**

*(Type B) Awarded to faculty in non-Ph.D.-granting departments*

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**John D. Buynak**, Southern Methodist U. Synthetic Methods for the Preparation of Functional Cephalosporins. \$30,000

**John Farver**, Bowling Green State U. Evolution of Porosity and Equilibrium Distribution of Common Geological Fluids in Anhydrite Aggregates. \$30,000

**Ronald S. Friedman**, Indiana U-Purdue U, Fort Wayne. Effects of Conical Intersections in Molecular Photodissociation: Two-Dimensional Quantal Model Studies. \$30,000

**Arthur S. Hewitt**, California State U, Fullerton. Kinetics and Reaction Mechanisms of Chlorine Atoms with Polyaromatic Hydrocarbons. \$30,000

**James A. Larrabee**, Middlebury C. Magnetic Circular Dichroism of Binuclear Cobalt Complexes and Proteins. \$30,000

**Donald E. Linn Jr.**, Indiana U-Purdue U, Fort Wayne. Preparation and Reactivities of Polyhydridometallates. \$30,000

**Ned H. Martin**, U of North Carolina, Wilmington. Modeling Net Proton Nuclear Magnetic Resonance Shielding by Several Functional Groups. \$30,000

**Mark E. McGuire**, Eastern Illinois U. Adsorption of Flavin Derivatives and Metal-Flavin Complexes on TiO<sub>2</sub>-Coated Electrode Surfaces. \$30,000

**Brady P. Rhodes**, California State U, Fullerton. Paleogeography of the Chiang Mai Basin, Northern Thailand Basin, and Range Province. \$30,000

**Kenneth L. Stevenson**, Indiana U-Purdue U, Fort Wayne. Photoinduced Electron Ejection and Exciplex Formation in Copper(I) Complexes. \$30,000

**Wayne R. Tikkanen**, California State U, Los Angeles. Lewis Acid Catalysts Based on the Pentaphenylclopentadienylzirconium(IV) Unit. \$30,000

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**ACS-PRF Grants for Advanced Scientific Education and Fundamental Research in the Petroleum Field**

*(Type G) Awarded to faculty in Ph.D.-granting departments*

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**Christopher J. Bardeen**, U of Illinois, Urbana-Champaign. Spatially Resolved Studies of Charge-Transport Dynamics in Conjugated Polymers. \$25,000

**Donald F. Becker**, U of Missouri, St. Louis. Influence of the Flavin Redox State on the Macromolecular Associations of the PutA Flavoprotein. \$25,000

**Lisa M. Berreau**, Utah State U. Nitrogen/Sulfur-Ligated Divalent Metal-Hydroxide Complexes. \$25,000

**Felix N. Castellano**, Bowling Green State U. Molecular Wire Behavior in Photo-Initiated Energy Transfer. \$25,000

**Avik P. Chatterjee**, State U of New York, C of Environmental Science & Forestry. Thermodynamics of Polymer Solutions and Blends under Flow. \$25,000

**Shaowei Chen**, Southern Illinois U, Carbondale. Electrochemical Studies of Nanoparticle Self-Assembled Monolayers. \$25,000

**Pingyun Feng**, U of California, Riverside. Use of Amino Acids and Peptides for the Synthesis of Chiral Inorganic and Metal-Organic Nanoporous Materials. \$25,000

- Tobias P. Fischer**, U of New Mexico. Hydrocarbons in Active Volcanic Environments. \$25,000
- Eitan Geva**, U of Michigan. Simulation of Fluorescence Resonance Energy Transfer Experiments in Single Protein Molecules. \$25,000
- Mary S. Gin**, U of Illinois, Urbana-Champaign. Metal-Catalyzed [4+2] Cycloaddition of Metal-Arynes with 1,3-Diynes. \$25,000
- Stephan Haas**, U of Southern California. Magnetic-Field-Induced 3-Dimensional Ordering in Quantum Spin Systems. \$25,000
- Eric L. Hegg**, U of Utah. Modeling the Heterobimetallic Active Sites of Carbon Monoxide Dehydrogenase and Hydrogenase: Natural Water-Gas Shift Reaction Catalysts. \$25,000
- Mei Hong**, Iowa State U. Enhanced Sensitivity and Distance Measurements in Disordered Macromolecules by  $^1\text{H}$  Solid-State Nuclear Magnetic Resonance. \$25,000
- Qiao-Sheng Hu**, City U of New York, C of Staten Island. Direct Arylation/Alkenylation of Carbonyl Compounds with Aryl/Alkenyl Halide by Using Novel Multifunctional Catalysts. \$25,000
- Timothy F. Jamison**, Massachusetts Inst. of Technology. Novel Alkyne-Containing 1,3-Dipoles: Enhancement of Reactivity, Selectivity, and Synthetic Utility by Metal-Carbonyl Clusters. \$25,000
- Pawel Keblinski**, Rensselaer Polytechnic Inst. Nanofluids for Improved Heat Transfer Properties: Gaining a Fundamental Understanding from Molecular-Dynamics Simulations. \$25,000
- Sarah L. Keller**, U of Washington. Surfactant and Sterol Interactions in Self-Assembled Monolayers and Bilayers. \$25,000
- Johannes Khinast**, Rutgers U. Enhancing Selectivity and Yield of Complex Multiphase Reactions. \$25,000
- Amnon Kohen**, U of Iowa. C-H Bond Activation in Enzyme-Catalyzed Reactions. \$25,000
- Rastislav Levicky**, Columbia U. Organization of Nanoscopic Particles in Polymers: Superlattices, Surface Activity, and Matrix Effects. \$25,000
- Susan A. Martinis**, U of Houston. In vitro Characterization of the b14 Group I Intron Splicing Complex. \$25,000
- Dimitry V. Matyushov**, Arizona State U. Bandshape Analysis of Optical Spectra in Liquid Solvent. \$25,000
- Michael D. McGehee**, Stanford U. Electrical and Optical Properties of Self-Assembled Organic-Inorganic Nanocomposites. \$25,000
- Graham R. Moran**, U of Wisconsin, Milwaukee. Oxygenated Intermediates of Fe(II)-Dependent Non-Heme Oxygenases. \$25,000
- Daniel W. Pack**, U of Illinois, Urbana-Champaign. Methods for Rational Design of Gene Delivery Polymers. \$25,000
- John M. Papanikolas**, U of North Carolina, Chapel Hill. Ultrafast Spectroscopic Investigation of the Energy Migration Dynamics in Supramolecular Assemblies Based on Ru(II) and Os(II) Polypyridyl Complexes. \$25,000
- Kenneth T. Park**, Baylor U. Experimental and Theoretical Study of Electron Donor-Acceptor Surface Complexes. \$25,000
- Annetta Razatos**, Arizona State U. Bacterial Adhesion Mediated by Filamentous Molecules on the Bacterial Cell Surface. \$25,000
- Paul A. Salvador**, Carnegie Mellon U. Topotactic Reduction of Epitaxial Nickel-Based Perovskite Thin Films. \$25,000
- Karen M. Salvage**, State U of New York, Binghamton. Study of Hydrogeologic Heterogeneity in Gravelly River Deposits on the North Slope of Alaska. \$25,000
- Joel P. Schneider**, U of Delaware. Luminescent Probes for Peptide-Protein Binding Events. \$25,000
- Lee D. Slater**, U of Missouri, Kansas City. Improving Interpretation of Lithological Parameters from Spectral-Induced Polarization (SIP) Measurements. \$25,000
- Xueyu Song**, Iowa State U. Theoretical Studies on the Dielectric Response of Proteins. \$25,000
- Susanne Stemmer**, Rice U. Experimental Studies of Model Mixed Conducting Oxide Thin Films. \$25,000
- Jennifer A. Swift**, Georgetown U. Crystal Nucleation and Growth inside Gel Matrices. \$25,000
- Marcel Utz**, U of Connecticut. Role of Molecular Entanglements in the Plasticity of Glassy Polymers. \$25,000
- Mingdi Yan**, Portland State U. A Simple and Versatile Method for the Covalent Immobilization of Polymer Thin Films and Microstructures. \$25,000
- Qingwei Yao**, Northern Illinois U. Development of Novel and Immobilized Catalysts for Olefin Metathesis. \$25,000

## ACS-PRF Grants for Advanced Scientific Education and Fundamental Research in the Petroleum Field

*(Type G) Awarded to faculty in non-Ph.D.-granting departments*

**Michael R. Carrasco**, Santa Clara U. Synthesis and Study of a Combinatorial Array of Neoglycopeptides To Determine How Glycosylation Increases Peptide Resistance to Proteolysis. \$25,000

**Catherine D. Clark**, Chapman U. Photodegradation of Polynuclear Aromatic Hydrocarbons in Aqueous Media. \$25,000

**Cynthia G. Fisher**, West Chester U. Nannofossil Biostratigraphy and Paleoenvironmental Reconstruction of Cenomanian-Turonian Hydrocarbon Source Strata in the Western Interior, with Emphasis on the Northern Seaway. \$25,000

**Maria C. Gelabert**, Wagner C. Hydrothermal Crystal Growth of Oxide Materials. \$25,000

**Felix E. Goodson**, West Chester U. Rigid-Flexible Alternating Diblock Copolymers: Synthesis and Structure versus Properties Investigations. \$25,000

**Charles A. Liberko**, Cornell C. Synthesis and UV-Vis Spectroscopy of Cyanine "p-Dimers." \$25,000

**Anna M. Martini**, Amherst C. Distinguishing Microbial from Thermogenic Gas Deposits via Core Analysis. \$25,000

**Darrin S. Muggli**, U of North Dakota. Surface Processes during Photocatalytic Oxidation of Organic Mixtures. \$25,000

**Richard W. Nagorski**, Illinois State U. Structure/Reactivity Correlations and Catalysis of the Aqueous Reaction of *N*-(Hydroxybenzyl) Carbinolamides. \$25,000

**Galen T. Pickett**, California State U, Long Beach. Quench-Induced Patterns in Polymer Films. \$25,000

**Barbara A. Reisner**, James Madison U. Exploring the Solution Chemistry of the Solid State: New Methods for the Synthesis of Open-Framework Transition-Metal Phosphates. \$25,000

**Chris P. Schaller**, C of St. Benedict-St. John's U. Synthesis of Ruthenium Alkyl Hydride Complexes for Elimination Studies. \$25,000

**Thomas E. Smith**, Williams C. A Concise Ring-Closing Metathesis Route to the Octalactins. \$25,000

**Scott J. Stoudt**, Coe C. Structure and Bonding in Hypervalent Organotin(IV) Compounds. \$25,000

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### ACS-PRF Grants for Scientific Education (Type SE)

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**Nicholas L. Abbott**, on behalf of ACS Division of Colloid & Surface Chemistry. Dynamics of Self-Organization of Amphiphiles and Colloids at the ACS national meeting, San Diego, April 2001. \$3,600

**David A. Atwood**, on behalf of ACS Division of Inorganic Chemistry. Main-Group Chemistry II: Low-Valent, Low-Coordination-Number and Cluster Compounds presented at the International Chemical Congress of Pacific Basin Societies, Honolulu, December 2000. \$2,000

**Laurie J. Butler**, on behalf of the U of Chicago. 18th Conference on the Dynamics of Molecular Collisions, Copper Mountain, Colo., July 2001. \$2,000

**Kenneth G. Caulton**, on behalf of ACS Division of Inorganic Chemistry. Selective Chemical Transformations on Late-Transition-Metal Complexes presented at

the International Chemical Congress of Pacific Basin Societies, Honolulu, December 2000. \$2,000

**Tze-Chiang Mike Chung**, on behalf of ACS Division of Polymeric Materials. Polyolefin Copolymers: Synthesis, Properties, and Applications at the ACS national meeting, San Diego, April 2001. \$3,600

**Vicki L. Colvin**, on behalf of ACS Division of Physical Chemistry. Chemical Approaches to Photonic Band-Gap Materials at the ACS national meeting, San Diego, April 2001. \$3,600

**Alan D. English**, on behalf of ACS Division of Polymer Chemistry. Advanced NMR Characterization of Polymers presented at the International Chemical Congress of Pacific Basin Societies, Honolulu, December 2000. \$2,000

**Alan D. English**, on behalf of ACS Division of Polymer Chemistry. High-Resolution NMR Spectroscopy of Polymers at the ACS national meeting, San Diego, April 2001. \$3,600

**Alan D. English**, on behalf of ACS Division of Polymer Chemistry. Materials Science in the 21st Century: Cele-

bration of the 50th Anniversary of the Division of Polymer Chemistry at the ACS national meeting, San Diego, April 2001. \$2,400

**Natia L. Frank, Robin Hicks**, on behalf of ACS Puget Sound Section. Electronic and Molecular Materials at the Northwest Regional ACS Meeting, Seattle, June 2001. \$2,400

**Benny D. Freeman**, on behalf of ACS Division of Polymeric Materials: Science & Engineering. Characterization and Modeling of Membrane and Barrier Polymers presented at the International Chemical Congress of Pacific Basin Societies, Honolulu, December 2000. \$2,000

**Andrew J. Gellman**, on behalf of ACS Division of Colloid & Surface Chemistry and Division of Polymeric Materials: Science & Engineering. Molecular Tribology at the ACS national meeting, San Diego, April 2001. \$3,600

**Paula T. Hammond**, on behalf of ACS Division of Polymeric Materials: Science & Engineering. Macromolecular Self-Assembly at Surfaces and Interfaces at the ACS national meeting, San Diego, April 2001. \$3,600

**Teresa Head-Gordon**, on behalf of ACS Division of Physical Chemistry. Probing Molecular Aqueous Environments in Chemistry and Biology at the ACS national meeting, San Diego, April 2001. \$3,600

**Mark R. Hoffmann**, on behalf of ACS Division of Physical Chemistry. Accurate Description of Low-Lying Electronic States and Potential Energy Surfaces at the ACS national meeting, San Diego, April 2001. \$3,600

**Bing R. Hsieh**, on behalf of ACS Division of Polymer Chemistry. New Methodologies in Polymer Synthesis presented at the International Chemical Congress of Pacific Basin Societies, Honolulu, December 2000. \$2,000

**Anne M. Kelley**, on behalf of ACS Division of Physical Chemistry. Optical Studies of Single Molecules and Molecular Assemblies in Chemical Physics and Biophysics at the ACS national meeting, San Diego, April 2001. \$3,600

**Carola A. Laue**, on behalf of ACS Division of Nuclear Chemistry & Technology. Nuclear Chemistry: The First Hundred

Years at the ACS national meeting, San Diego, April 2001. \$3,500

**Steven P. Lewis**, on behalf of U of Georgia Research Foundation Inc. Fourteenth Annual Workshop on Recent Developments in Computer Simulation Studies in Condensed Matter Physics, Athens, Ga., February 2001. \$3,600

**Arthur Mar**, on behalf of Canadian Society for Chemistry Division of Inorganic Chemistry. Solid-State Chemistry Symposium at the 84th Canadian Society for Chemistry Conference and Exhibition, Montreal, Quebec, May 2001. \$1,200

**Dominic V. McGrath**, on behalf of ACS Southern Arizona Section. Supramolecular Materials: Design and Discovery at the 14th Biennial Carl S. Marvel Symposium, Tuscon, Ariz., March 2001. \$3,600

**Warren E. Piers**, on behalf of the Canadian Society for Chemistry, Division of Inorganic Chemistry. Multifunctional Lewis Acids Symposium at the 84th Canadian Society for Chemistry Conference and Exhibition, Montreal, Quebec, May 2001. \$2,400

**John A. Pojman**, on behalf of ACS Division of Physical Chemistry. Non-linear Dynamics in Chemistry presented at the International Chemical Congress of Pacific Basin Societies, Honolulu, December 2000. \$2,000

**Michael T. Pope**, on behalf of ACS Division of Inorganic Chemistry. Polyoxometalate Chemistry for Nanocomposite Design presented at the International Chemical Congress of Pacific Basin Societies, Honolulu, December 2000. \$2,000

**James A. Schwarz**, on behalf of ACS Division of Colloid & Surface Chemistry. Application of Nanotechnologies in the New Millennium at the ACS national meeting, San Diego, April 2001. \$1,200

**John Texter**, on behalf of ACS Division of Colloid & Surface Chemistry. Particle Formation at the International Conference, Particles 2001, Orlando, Fla., February 2001. \$3,600

**Peter M. Weber**, on behalf of ACS Division of Physical Chemistry. Molecular Photoelectron Spectroscopy at the ACS national meeting, San Diego, April 2001. \$3,600