Journal of Chemical Education

Reviewer Information Form

Return this form to:
Journal of Chemical Education
209 North Brooks Street
Madison, WI 53715-1116

Personal Information

Please fill in the items below. We use the postal service to send manuscripts to you. For other communications, please indicate the mode you prefer. Please feel free to make copies of this form for any colleagues who would like to be reviewers.

Name _____
personal name/first name family name/surname

Mailing Address*_____

_____

_____

_____

Telephone* _____

Fax*_____

Email* _____

Preferred mode of communication

___ Postal Mail ___Telephone ___Fax ___Email

*If you are going on sabbatical or for some other reason will temporarily be away from your permanent location but will continue to be available as a reviewer, please tell us how to contact you and where to send manuscripts. Please notify us of any changes in address as soon as possible.

Reviewer Information

We need the following information to be able to match submitted manuscripts with your interests and expertise. We expect a turn-around on reviews of less than three weeks. You may send reviews to us by email.

Frequency

How many manuscripts are you willing to review each year? _____

Is there regularly any part of the year when you would **not** be able to give *JCE* manuscripts your prompt attention? If so, please indicate when these periods occur. _____

Area of Expertise

Please mark the keywords (listed on the reverse side/second page) that describe the areas in which you are willing and able to review.

Other (please mark all that apply)

___ I will evaluate the **technical accuracy** of manuscripts aimed at elementary, middle, or secondary school teachers.

___ I will **review books** in my area of expertise.

___ I will test **demonstrations**.

this section for nonprint reviewing

this section for nonprint reviewing

___ I will test and review **materials for nonprint media** (software, video, WWW).

A. ___ I am willing to review **software**. Please indicate below your operating system, hardware, and installed software:

Operating system
___ Windows
___ Mac OS

Hardware
___ CD-ROM
___ DVD

Software (include name and version of application) ___ Internet access

Math Package (Mathcad, Mathematica, Maple) _____

Molecular Modeling Package (HyperChem, CAChe, etc.) _____

WWW Browser (Netscape Navigator, Internet Explorer) _____

Other _____

B. ___ I am willing to review **video**.

this section for nonprint reviewing

Remember to mark your keywords—see over/below.

Rev Inf Form 2004
6/29/2004

Journal of Chemical Education

Reviewer Information Form

Keyword List: 2004

Personal Information

Please fill in the items below. We use the postal service to send manuscripts to you. For other communications, please indicate the mode you prefer. Please feel free to make copies of this form for any colleagues who would like to be reviewers.

Name _____
personal name/first name family name/surname

Mailing Address*_____

_____

_____

_____

Telephone* _____

Fax*_____

Email* _____

Preferred mode of communication

___ Postal Mail ___Telephone ___Fax ___Email

Keywords Please select from the list below all keywords that apply. If possible, please select at least one keyword from each of the first three categories: *Audience, Domain, Pedagogy.* Also select at least two, up to a maximum of 20 keywords from the *Topics* category.

This list of keywords is more comprehensive and useful than previous versions and has been evaluated by a select group of *JCE* reviewers, whose suggestions were incorporated. The result is the list you see below. It has been divided into categories, it contains a greater total number of keywords than the earlier list, and some of the earlier keywords have been eliminated. These new keywords will be used in the *JCE* Index online and in the retrieval system of the National Science Digital Library.

Definitions of all keywords are available at *http://resgenchem14.chem.wisc.edu/jcedl/subject/TermDefs.html*

• Audience Level at which you feel comfortable reviewing (please select at least 1)

- ☐ General Public
- ☐ Elementary / Middle School Science
- ☐ High School / Introductory Chemistry
- ☐ First-Year Undergraduate / General
- ☐ Second-Year Undergraduate
- ☐ Upper-Division Undergraduate
- ☐ Graduate Education / Research
- ☐ Continuing Education

• Domain (please select at least 1)

- ☐ Analytical Chemistry
- ☐ Biochemistry
- ☐ Chemical Education Research
- ☐ Chemical Engineering
- ☐ Chemoinformatics
- ☐ Curriculum
- ☐ Demonstrations
- ☐ Environmental Chemistry
- ☐ History / Philosophy
- ☐ Inorganic Chemistry
- ☐ Interdisciplinary / Multidisciplinary
- ☐ Laboratory Instruction
- ☐ Organic Chemistry
- ☐ Physical Chemistry
- ☐ Polymer Chemistry
- ☐ Public Understanding / Outreach
- ☐ Safety / Hazards

• Pedagogy (please select at least 1 if possible)

- ☐ Analogies / Transfer
- ☐ Calculator-Based Learning
- ☐ Collaborative / Cooperative Learning
- ☐ Communication / Writing
- ☐ Computer-Based Learning
- ☐ Distance Learning / Self Instruction
- ☐ Hands-On Learning / Manipulatives
- ☐ Humor / Puzzles / Games
- ☐ Inquiry-Based / Discovery Learning
- ☐ Internet / Web-Based Learning
- ☐ Misconceptions / Discrepant Events
- ☐ Mnemonics / Rote Learning
- ☐ Multimedia-Based Learning
- ☐ Problem Solving / Decision Making
- ☐ Testing / Assessment
- ☐ Textbooks / Reference Books

• Topics for which you can provide expert evaluation of submissions (please select at least 2, maximum of 20)

- ☐ Acids / Bases
- ☐ Addition Reactions
- ☐ Administrative Issues
- ☐ Agricultural Chemistry
- ☐ Alcohols
- ☐ Aldehydes / Ketones
- ☐ Alkanes / Cycloalkanes
- ☐ Alkenes
- ☐ Alkylation
- ☐ Alkynes
- ☐ Amides
- ☐ Amines /Ammonium Compounds
- ☐ Amino Acids
- ☐ Applications of Chemistry
- ☐ Aqueous Solution Chemistry
- ☐ Aromatic Compounds
- ☐ Astrochemistry
- ☐ Asymmetric Synthesis
- ☐ Atmospheric Chemistry
- ☐ Atomic Properties / Structure
- ☐ Atomic Spectroscopy
- ☐ Bioanalytical Chemistry
- ☐ Bioenergetics
- ☐ Bioinorganic Chemistry
- ☐ Biological Cells
- ☐ Bioorganic Chemistry
- ☐ Biophysical Chemistry

continued, over

Journal of Chemical Education, University of Wisconsin–Madison, 209 North Brooks Street, Madison, WI 53715-1116

phone: 1-800/991-5534 or 608/262-7146 • fax: 608/262-7145 • email: jce@chem.wisc.edu • www: http://www.jce.divched.org

Journal of Chemical Education
Reviewer Information Form

Keyword List: 2004

• Topics for which you can provide expert evaluation of submissions (select at least 2, maximum of 20) (cont'd)

- ☐ Biosignaling
- ☐ Biosynthesis
- ☐ Biotechnology
- ☐ Brønsted-Lowry Acids / Bases
- ☐ Calibration
- ☐ Calorimetry / Thermochemistry
- ☐ Carbocations
- ☐ Carbohydrates
- ☐ Carboxylic Acids
- ☐ Catalysis
- ☐ Chemical Technicians
- ☐ Chemometrics
- ☐ Chirality / Optical Isomers
- ☐ Chromatography
- ☐ Colloids
- ☐ Combinatorial Chemistry
- ☐ Computational Chemistry
- ☐ Conductivity
- ☐ Conferences
- ☐ Conformational Analysis
- ☐ Constitutional Isomers
- ☐ Constructivism
- ☐ Consumer Chemistry
- ☐ Coordination Compounds
- ☐ Covalent Bonding
- ☐ Crystal Field / Ligand Field Theory
- ☐ Crystals / Crystallography
- ☐ Descriptive Chemistry
- ☐ Diastereomers
- ☐ Drugs / Pharmaceuticals
- ☐ Dyes / Pigments
- ☐ Electrochemistry
- ☐ Electrolytic / Galvanic Cells / Potentials
- ☐ Electrophilic Substitution
- ☐ Electrophoresis
- ☐ Elimination Reactions
- ☐ Enantiomers
- ☐ Enrichment / Review Materials
- ☐ Enzymes
- ☐ Epoxides
- ☐ EPR / ESR Spectroscopy
- ☐ Equilibrium
- ☐ Esters
- ☐ Ethers
- ☐ Ethics
- ☐ Fatty Acids
- ☐ Fluorescence Spectrometry
- ☐ Food Science
- ☐ Forensic Chemistry
- ☐ Fourier Transform Techniques
- ☐ Free Radicals
- ☐ Gas Chromatography
- ☐ Gases
- ☐ Geochemistry
- ☐ Glycolysis
- ☐ Gravimetric Analysis
- ☐ Green Chemistry
- ☐ Grignard Reagents
- ☐ Group Theory / Symmetry
- ☐ Heat Capacity
- ☐ Heterocycles
- ☐ Hormones
- ☐ HPLC
- ☐ Hydrogen Bonding
- ☐ Industrial Chemistry
- ☐ Inner Transition Elements
- ☐ Instrumental Methods
- ☐ Ion Exchange
- ☐ Ion Selective Electrodes
- ☐ Ionic Bonding
- ☐ IR Spectroscopy
- ☐ Isotopes
- ☐ Kinetic-Molecular Theory
- ☐ Kinetics
- ☐ Laboratory Computing / Interfacing
- ☐ Laboratory Equipment / Apparatus
- ☐ Laboratory Management
- ☐ Lasers
- ☐ Learning Theories
- ☐ Lewis Acids / Bases
- ☐ Lewis Structures
- ☐ Lipids
- ☐ Liquids
- ☐ Magnetic Properties
- ☐ Main-Group Elements
- ☐ Mass Spectrometry
- ☐ Materials Science
- ☐ Mathematics / Symbolic Mathematics
- ☐ Mechanisms of Reactions
- ☐ Medicinal Chemistry
- ☐ Membranes
- ☐ Metabolism
- ☐ Metallic Bonding
- ☐ Metalloids / Semimetals
- ☐ Metallurgy
- ☐ Metals
- ☐ Micelles
- ☐ Microscale Lab
- ☐ Minorities in Chemistry
- ☐ MO Theory
- ☐ Molecular Biology
- ☐ Molecular Mechanics / Dynamics
- ☐ Molecular Modeling
- ☐ Molecular Properties / Structure
- ☐ Molecular Recognition
- ☐ Nanotechnology
- ☐ Natural Products
- ☐ NMR Spectroscopy
- ☐ Nomenclature / Units / Symbols
- ☐ Noncovalent Interactions
- ☐ Nonmajor Courses
- ☐ Nonmetals
- ☐ Nuclear / Radiochemistry
- ☐ Nucleic Acids / DNA / RNA
- ☐ Nucleophilic Substitution
- ☐ Nutrition
- ☐ Organometallics
- ☐ Organosulfur Compounds
- ☐ Oxidation / Reduction
- ☐ Oxidation State
- ☐ Periodicity / Periodic Table
- ☐ pH
- ☐ Phases / Phase Transitions / Diagrams
- ☐ Phenols
- ☐ Photochemistry
- ☐ Photosynthesis
- ☐ Physical Properties
- ☐ Plant Chemistry
- ☐ Polymerization
- ☐ Potentiometry
- ☐ Precipitation / Solubility
- ☐ Professional Development
- ☐ Proteins / Peptides
- ☐ Qualitative Analysis
- ☐ Quantitative Analysis
- ☐ Quantum Chemistry
- ☐ Raman Spectroscopy
- ☐ Rate Law
- ☐ Reactions
- ☐ Reactive Intermediates
- ☐ Receptors
- ☐ Resonance Theory
- ☐ Semiconductors
- ☐ Separation Science
- ☐ Solid State Chemistry
- ☐ Solids
- ☐ Solutions / Solvents
- ☐ Spectroscopy
- ☐ Standards National / State
- ☐ Statistical Mechanics
- ☐ Stereochemistry
- ☐ Steroids
- ☐ Stoichiometry
- ☐ Student / Career Counseling
- ☐ Student-Centered Learning
- ☐ Superconductivity
- ☐ Surface Science
- ☐ Synthesis
- ☐ TA Training / Orientation
- ☐ Theoretical Chemistry
- ☐ Thermal Analysis
- ☐ Thermodynamics
- ☐ Thin Layer Chromatography
- ☐ Titration / Volumetric Analysis
- ☐ Toxicology
- ☐ Transition Elements
- ☐ Transport Properties
- ☐ Undergraduate Research
- ☐ UV–Vis Spectroscopy
- ☐ Valence Bond Theory
- ☐ Vitamins
- ☐ VSEPR Theory
- ☐ Water / Water Chemistry
- ☐ Women in Chemistry
- ☐ X-ray Crystallography

Journal of Chemical Education, University of Wisconsin–Madison, 209 North Brooks Street, Madison, WI 53715-1116
phone: 1-800/991-5534 or 608/262-7146 • fax: 608/262-7145 • email: jce@chem.wisc.edu • www: http://www.jce.divched.org