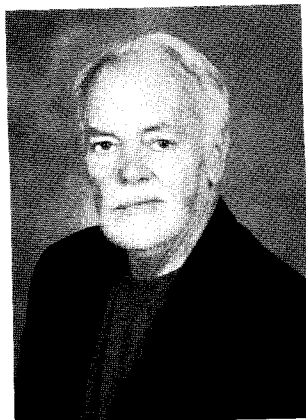


AWARDS

AWARD FOR A DISTINGUISHED CONTRIBUTION IN MASS SPECTROMETRY

Award Lecture: 8:00 am, Tuesday, June 7

2005 Recipient: James A. McCloskey



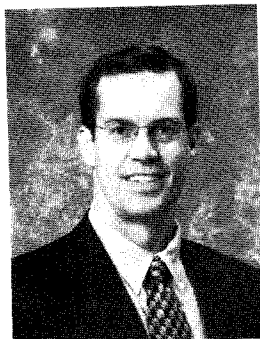
This Award recognizes achievement in or contribution to fundamental or applied mass spectrometry. The 2005 Award is presented to **Professor James A. McCloskey** of the University of Utah for his fundamental contributions to the analysis of nucleic acids. Beginning in the late 1960s, he has remained focused on the analysis of nucleic acids and modified RNA, contributing over 200 publications on this subject. The significance of his early modified nucleoside work was clearly shown in his 1982-3 papers in *Science*. Given the difficulty of forming gas-phase ions and the complexity of these materials, he has readily applied the most sophisticated MS techniques in his sustained efforts. Two highly cited papers in 1991 and 1996 showed the application of LC-MS and LC-MS/MS to nucleoside and nucleotide structural characterization. His more recent work identifying modified nucleosides in RNAs is coupling an understanding of the chemistry of RNA modifications with the underlying biology. It is rare to identify an individual as the undisputed leader in the practice of mass spectrometry in a particular field. More importantly, he has shown, by example, the power of a focused research program in mass spectrometry, and how this can drive a long-term career. He has provided the mass spectrometry and biological communities with a wealth of understanding, tools, methods, and creative leadership.

spectrometry and biological

THE BIEMANN MEDAL

Award Lecture: 8:00 am, Wednesday, June 8

2005 Recipient: Gary J. Van Berkel



The Biemann Medal recognizes a significant achievement in basic or applied mass spectrometry made by an individual early in his or her career. The award is presented in honor of Professor Klaus Biemann and is endowed by contributions from his students, postdoctoral associates, and friends. The 2005 Medal is presented to **Gary J. Van Berkel** of Oak Ridge National Laboratory for his achievements and contributions to an understanding of the detailed elucidation of the electrochemical aspects of electrospray ionization. Just over ten years ago, Dr. Van Berkel noticed molecular radical cations in the electrospray mass spectra of metalloporphyrins. He recognized that these must be electrochemical in origin, and pursued fundamental studies to characterize the reactions. His sustained focus and applications work have resulted in practical approaches to manipulate the population of ions made available to the mass spectrometer. By joining the disciplines of electrochemistry and mass spectrometry, he has fully elucidated the origins of his initial observation.

and has gone on to influence the technology in many diverse areas including electrochemically-modulated separations, design of ESI tips, inductively-coupled plasma MS, and miniaturized analyzers.

CALL FOR NOMINATIONS FOR 2006

Award for a Distinguished Contribution in Mass Spectrometry. The Award recognizes a focused, singular achievement in or contribution to fundamental or applied mass spectrometry. The person nominated should have made a contribution that has had a significant impact on the fundamental understanding and/or practice of mass spectrometry. Eligibility is not restricted to members of ASMS. The award is announced at the ASMS Annual Conference with the presentation of a \$10,000 cash award and a recognition plaque. Nominations will be held and automatically reconsidered for three years.

Name of person nominated _____

Affiliation _____

Address _____

Nominee's email: _____

Your Name & email: _____

Supporting letters (one page) will be provided by: _____

The Biemann Medal recognizes a significant achievement in basic or applied mass spectrometry made by an individual early in his or her career. The award is presented in honor of Professor Klaus Biemann whose lasting legacy is the training of students and postdoctoral associates over a 40-year period at the Massachusetts Institute of Technology. The Biemann Medal is endowed by contributions from students, postdoctoral associates and friends of Professor Biemann. Eligibility is not restricted to members of ASMS. The award is conferred at the ASMS Annual Conference with the presentation of the Biemann Medal and a cash award. Nominations will be held and automatically reconsidered for three years.

Please enclose the following:

1. **Short description of the achievement** (1-2 paragraphs);
2. **A list of the nominee's publications** pertaining to this award and;
3. **A copy of no more than two of the nominee's publications** relevant to the subject.

Send completed nomination form and enclosures for receipt by November 30 to:

ASMS Awards
2019 Galisteo Street, Building I-1
Santa Fe, NM 87505

The above individual is nominated for:

Distinguished Contribution in Mass Spectrometry Biemann Medal