

**THE AMERICAN SOCIETY FOR MASS SPECTROMETRY**  
**Fall Workshop: "Limits to Confirmation, Quantitation and Detection"**  
**Friday and Saturday, November 1 & 2, 1996, Alexandria, Virginia**

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Trace analysis can employ various ionization and data processing techniques for acceptable detection, confirmation and quantitation. Consequently, a widely differing comprehension has evolved in the scientific literature of how to calculate the detection limit and what constitutes unambiguous confirmation. At the same time, it is clear that regulatory agencies, courts and the public expect analytical results to be defensible and interpretable in only one way.

The workshop will strive to develop a consensus set of criteria and/or guidelines which can be used to develop and validate methods. These guidelines will address issues of specificity, accuracy, reproducibility, limit of detection and applicability. The guidelines will be formulated from statistical theory, regulatory examples and practical experiences using a wide variety of MS and MS/MS techniques.

<i>Speakers</i>	<i>Topics</i>
<b>Robert D. Gibbons</b> <i>University of Illinois, Chicago</i>	Some Statistical and Conceptual Issues in the Detection of Low Level Environmental Pollutants
<b>William L. Budde</b> <i>US EPA</i>	The EPA Method Detection Limit: Does it have any Merit?
<b>David Lewis</b> <i>Radian Corporation</i>	Beyond Signal to Noise: Addressing Qualitative Considerations in the Detectability Function
<b>Jean Matusik &amp; James Sphon</b> <i>US Food &amp; Drug Administration</i>	FDA Confirmation Criteria
<b>Richard Baldwin</b> <i>US Food &amp; Drug Administration</i>	Regulatory Credibility in the Arena of Consumer Protection
<b>Thomas Cairns</b> <i>Psychomedics, Inc.</i>	Development of Guidelines for Detection, Identification and Quantitation by GCMS, LCMS and MS/MS
<b>Jack D. Henion</b> <i>Cornell University</i>	Acceptance Criteria for Trace LC/MS/MS - Qualitative and Quantitative Determination of Sulfonyl Urea Compounds in Soil
<b>Mary A. Kaiser</b> <i>DuPont Central Res. &amp; Dev.</i>	Defending Analytical Data In and Out of the Courtroom
<b>Rainer Stephany</b> <i>Natl Inst of Public Health &amp; Environ.</i>	European Union Regulatory Residue Analysis for Veterinary Drugs and Banned Anabolic Agents: A Strategic System, Its Tools and Reliability Targets

*The Workshop organizer is Bob Bethem, ALTA Analytical Laboratory.*

**Tentative Schedule**

<i>Friday November 1</i>	<i>Saturday November 2</i>
12-1 pm Registration	9-12 noon Session II
1-5 pm Session I	12-1 pm Lunch
7:30-9:30 pm Poster Session and refreshments	1-5 pm Session III

*For additional information, contact ASMS*

*Phone: (505) 989-4517 • Fax: (505) 989-107 • E-mail: [asms@asms.org](mailto:asms@asms.org)*



**THE AMERICAN SOCIETY FOR MASS SPECTROMETRY**  
**Nomination for the 1997 ASMS Award for a**  
**Distinguished Contribution in Mass Spectrometry**

**Name of person  
nominated:**

*First* *MI* *Last*

**Business address:**

*Department* *Company or Institution*

*Mailing Address*

*City/State/Zip or Country*

**Your name:**

*Name* *Institution*

*Telephone* *Fax* *E-mail*

**Two others who  
support this  
nomination:**

*Name* *Telephone*

*Name* *Telephone*

**The purpose of the Award** is to recognize 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 \$3,000 cash award and a recognition plaque. Nominations will be held and automatically reconsidered for three years.

To submit a nomination, photocopy and complete this form and enclose the following:

1. **Short description of the achievement** (1-2 paragraphs) outlining the unique contribution and an indication of its impact;
2. **A list of the nominee's publications** pertaining to this award and 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, 1996 to:

ASMS Distinguished Contribution Award  
 1201 Don Diego Avenue  
 Santa Fe, NM 87505

## THE AMERICAN SOCIETY FOR MASS SPECTROMETRY

### CALL FOR 1997 RESEARCH AWARD PROPOSALS

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**OBJECTIVE:** To promote academic research by young scientists in mass spectrometry.

**ELIGIBILITY:** Open to academic scientists within four years of joining the tenure track faculty of a North American university. Applicants may not have previously received an award under this program.

**APPLICATION:** Applicants should submit **SEVEN COLLATED SETS** of the following:

1. One page fiscal proposal & justification
2. List of current research support
3. Three page proposal, including references, figures, etc.
4. A vita
5. Two letters of recommendation (may be sent directly to ASMS)

**DEADLINE:** Application materials, including letters of recommendation, must be received in the ASMS office by November 30, 1996

**FISCAL:** The awards of up to \$25,000 will be made to a university in the name of the selected individual and for the researcher's exclusive use. In accepting this award, the institution will agree not to charge overhead on the funds.

**INFORMATION:** Contact ASMS, 1201 Don Diego Avenue, Santa Fe, NM 87505.  
Telephone: (505) 989-4517.

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#### Research Awards sponsored by FINNIGAN MAT

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1986 Gregory I. Gellene, <i>Univ. of Notre Dame</i>	1992 Kevin L. Schey, <i>Med. Univ. of S. Carolina</i>
1987 Philip J. Brucat, <i>Univ. of Florida</i>	1993 Susan T. Graul, <i>Carnegie Mellon Univ.</i>
1988 Mark A. Smith, <i>Univ. of Arizona</i>	1994 Evan R. Williams, <i>Univ. of Calif. Berkeley</i>
1989 Jon Amster, <i>Univ. of Georgia</i>	1995 Kermit K. Murray, <i>Emory Univ.</i>
1990 Doreen G. Leopold, <i>Univ. of Minnesota</i>	1996 John R. Yates, <i>Univ. of Washington</i>
1991 Chrys Wesdemiotis, <i>Univ. of Akron</i>	

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#### Research Awards sponsored by FISIONS INSTRUMENTS

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1986 Joseph J. Grabowski, <i>Harvard Univ.</i>	1989 Steven Kass, <i>Univ. of Minnesota</i>
1987 Susan V. Olesik, <i>Ohio State Univ.</i>	1990 Jennifer Brodbelt, <i>Univ. of Texas</i>
1988 Denley B. Jacobson, <i>N. Dakota St. Univ.</i>	1991 Hilka Kenttamaa, <i>Purdue Univ.</i>
	1992 Vicki Wysocki, <i>VA Commonwealth Univ.</i>

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#### Research Awards sponsored by ASMS Research Award Fund

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1993 Robert J. Levis, <i>Wayne State Univ.</i>	1995 Lee Sunderlin, <i>Northern Illinois Univ.</i>
1994 Kimberly Prather, <i>Univ. of Calif. Riverside</i>	1996 Xue-jun Tang, <i>Albert Einstein Coll. of Med.</i>