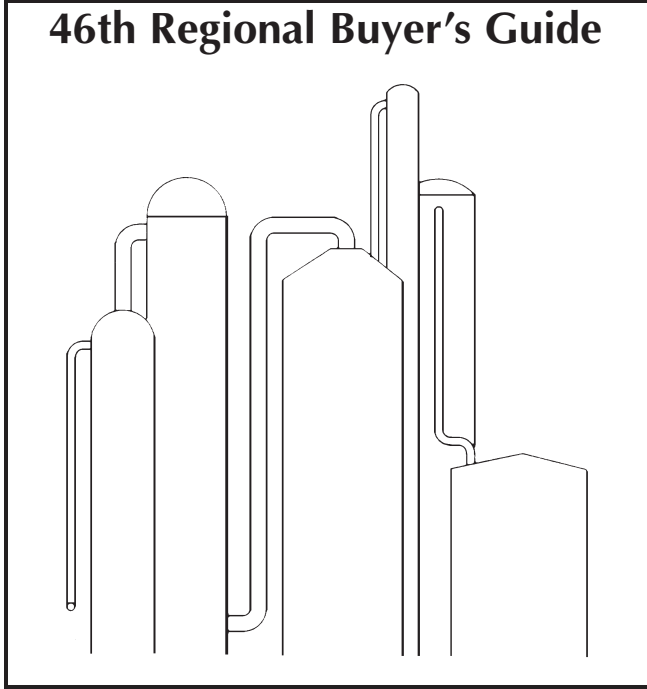


46th Regional Buyer's Guide



RECYCLE THIS PAPER

PERIODICALS POSTAGE

www.theindicator.org
www.njacs.org www.newyorkacs.org

Your Partner For Analytical Support Services

Rapid Results • Quality • Accuracy • Competitive Pricing



Robertson Microlit Laboratories

- Elemental CHN S, X Analysis - *same day service*
- Atomic Emission Spectroscopy
- Atomic Absorption Spectroscopy
- FTIR Spectroscopy
- UV / VIS Spectrophotometry
- Mass Spectrometry
- Chromatography
- Bioavailability
- Polarimetry
- Calorimetry
- Titrimetry
- Wet Chemistry
- KF Aquametry

P. O. Box 927 • 29 Samson Avenue • Madison, NJ 07940
 Tel: (973) 966-6668 Fax: (973) 966-0136
 www.robertson-microlit.com
 email: results@robertson-microlit.com



Vacuum Inlet Traps

Because vacuum pumps don't grow on trees.



Oil Filtration Systems

Because a really old, really healthy vacuum pump is a beautiful thing.



Oil Mist Eliminators

Because no one wants to eat oily mist.

MV PRODUCTS
 247 Rangeway Road • PO Box 359 • North Billerica, MA 01862
 978 667 2393 Fax 978 671 0014 sales@massvac.com www.massvac.com

A Division of Mass-Vac, Inc.

THE INDICATOR
 Manager / Editor
 MALCOLM STURCHIO
 1 Cable Court, Montville, NJ 07045
 973-331-5142; Fax 973-331-5143
 e-mail: sturchio@optonline.net

Advertising Manager
 VINCENT GALE
 MBO Services
 PO Box 1150, Marshfield, MA 02050-1150
 781-837-0424; Fax 781-837-1453
 e-mail: vincegale@mbo-services.net

INDICATOR COMMITTEE
New York Section Rep.
 EVELYN SARNOFF
 97-37 63rd Road, Rego Park, NY 11374-1624
 718-459-3097

North Jersey Section Rep.
 JACQUELINE ERICKSON
 GSK, 1500 Littleton Road, Parsippany, NJ 07054
 973-889-2368
 e-mail: jacqueline.a.erickson@gsk.com

Web Master
 PAUL TUKEY — e-mail: tukey@verizon.net

NEW YORK SECTION
<http://newyorkacs.org>

Chair
 JOAN A. LAREDO-LIDDELL
 391 Palmer Road, Yonkers, NY 10701-5239
 914-476-6860
 e-mail: jaredoliddell@aol.com

Chair-Elect
 DR. MARC WALTERS
 Dept. of Chemistry, New York University
 100 Washington Square East, New York, NY 10002
 212-998-8400; Fax 212-260-7905
 e-mail: marc.walters@nyu.edu

Secretary
 DR. IWAŌ TERAOKA
 Dept. of Chemical and Biological Sciences
 Polytechnic Univ., 333 Jay St., Brooklyn, NY 11201
 718-260-3466; Fax 718-260-3676
 e-mail: teraoka@duke.poly.edu

Section Office
 St. John's University, Chemistry Dept.
 8000 Utopia Parkway, Jamaica, NY 11439
 516-883-7510; Fax 516-883-4003
 e-mail: njesper1@optonline.net

NORTH JERSEY SECTION
<http://www.njacs.org>

Chair
 DIANE KRONE
 Northern Highlands Regional High School
 298 Hillside Avenue, Allendale, NJ 07401
 e-mail: kroned@optonline.net

Chair-Elect
 DR. MICHAEL M. MILLER
 Drug Discovery Chemistry, Bristol-Myers Squibb Co.
 Pharmaceutical Research Inst., P.O. Box 5400,
 Princeton, NJ 08543-5400
 e-mail: michael.miller@bms.com

Secretary
 BETTYANN HOWSON
 49 Hillside Avenue, Madison, NJ 07940-2612
 973-822-2575
 e-mail: chemphun@optonline.net

Section Office
 4 Cameron Road, Piscataway, NJ 08854
 732-463-7271

THE Indicator

CIRCULATION: 8,500

The monthly newsletter of the New York & North Jersey Sections of the American Chemical Society. Published jointly by the two sections.

CONTENTS

Advertisers Index	32
Buyer's Guide	
Company Directory	20-26
Products & Services	27-29
Call for Nominations	12-13
Education	9, 17
New York Meetings	10-12
Nichols Symposium	14-15
North Jersey Meetings	16-17
Others	18-19
Professional/Product Directory	30-32

EDITORIAL DEADLINES

October	August 15
November	September 14
December	October 15
January 2008	November 16
February	December 14
March	January 15, 2008
April	February 16
May	March 14
June	April 14
September	July 14

Visit Us
www.TheIndicator.org

POSTMASTER: Send address changes to American Chemical Society, Department of Member and Subscriber Services, *THE INDICATOR*, P.O. Box 3337, Columbus, OH 43210, or e-mail: service@acs.org. Periodicals postage paid at Montville, NJ and additional mailing offices.

Published monthly except July and August. All views expressed are those of the editor and contributors and do not necessarily represent the official position of the New York and North Jersey Sections of the American Chemical Society unless so stated. Subscription price included in dues paid by New York and North Jersey Section members. **Subscription price to non-members of either Section \$20.00 per year.** To subscribe, make checks payable to *The Indicator* and mail to the Manager/Editor (see top of left column on this page).

Address advertising correspondence to Advertising Manager. Other correspondence to the Editor.

June Calendar

NEW YORK SECTION

Thursday, June 7, 2007

Chemical Marketing & Economics Group
See page 10.

NORTH JERSEY SECTION

Thursday, June 7, 2007

Careers in Transition
See page 16.

Tuesday, June 12, 2007

ChemTAG
See page 16.

**Deadline for items to be included in the
September 2007 issue of *The Indicator*
is July 14, 2007.**

Contribute to *The Indicator*

The Indicator is interested in adding new features to the publication. Your input would be appreciated. Please let us know which type of feature you would like to see in future issues; i.e., book reviews, member news, short articles about your research or other ideas. Would you be willing to assist in gathering or writing such material?

Contact the Editor at:

sturchio@optonline.net • Phone: (973) 331-5142 • Fax: (973) 331-5143



Eastern Scientific

easternsci@aol.com

781-826-3456

Vacuum Pump Problems?

Eastern Scientific specializes in the repair and precision rebuilding of all makes of mechanical vacuum pumps.

*Free pick-up & delivery
Restrictions apply*



JUNE HISTORICAL EVENTS IN CHEMISTRY

by Leopold May

The Catholic University of America, Washington, DC

June 2, 1857

One hundred and fifty years ago, Edward Elgar, an amateur chemist-composer; was born on this date. He invented a hydrogen sulfide generator.

June 3, 1960

Robert B. Woodward synthesized chlorophyll on this date.

June 4, 1886

On this date, Henri Moissan isolated fluorine by electrolysis of solution of KHF_2 in anhydrous HF.

June 7, 1811

James Y. Simpson, an obstetrician who was first to use chloroform as an anesthetic and introduced the use of ether in Great Britain, was born on this date.

June 8, 1918

John D. Roberts, who was born on this date, did research on molecular orbital calculations and the application of nuclear magnetic resonance to organic chemistry.

June 12, 1892

Howell N. Furman was an analytical chemist who a researcher on analytical separation of uranium. He was born on this date.

June 15, 1870

Charles Baskerville developed processes for refining and hydrogenation of oils, plastic compositions, and reinforced lead. He was a researcher in anesthetic chemistry and was born on this date.

June 16, 1869

Henry E. Roscoe announced isolation of metallic vanadium on this date.

June 17, 1832

One hundred and seventy-five years ago, William Crookes, discovered thallium, 1861; separated uranium into two parts, naming the new one, uranium-X.

June 18, 1932

Seventy-five years ago, Dudley R. Herschbach was born on this date. He developed molecular beams to study products of collisions that occur and shared the Nobel Prize in Chemistry in 1986 with Yuan T. Lee and John C. Polanyi for their contributions concerning the dynamics of chemical elementary processes.

June 19, 1910

Paul J. Flory, a researcher in physical chemistry of macromolecules, was born on this date. In 1974, he received the Nobel Prize in Chemistry for his fundamental achievements, both theoretical and experimental, in the physical chemistry of the macromolecules.

June 21, 1932

Lockheed was incorporated on this date.

June 24, 1835

Johannes Wislicenus who proposed geometric isomers and synthesized acetoacetic esters, was born on this date.

June 25, 1957

Fifty years ago, Syntex Corporation was incorporated.

June 26, 1907

One hundred years ago, Wilhelm Ostwald converted ammonia to nitric acid using platinum catalyst.

June 29, 1833

Peter Waage who with Cato M. Guldberg formulated Law of Mass Action, was born on this date.

COUNCILOR TALKING POINTS — SUMMARY OF GOVERNANCE ACTIONS/REPORTS

AMERICAN CHEMICAL SOCIETY
233rd ACS NATIONAL MEETING
CHICAGO, IL
MARCH 25-29, 2007

The following summary is provided to help councilors report to their local sections and divisions on key actions of the ACS Council and Board of Directors at the 2007 spring national meeting.

ACTIONS OF THE COUNCIL

Election Results

- The Committee on Nominations and Elections presented to the Council the following nominees for selection as candidates for President-Elect, 2008: Pat N. Confalone, Thomas H. Lane, William A. Nugent, and Howard M. Peters. By written ballot the Council selected Thomas H. Lane and Howard M. Peters as candidates for 2008 President-Elect. These two candidates will stand for election in the Fall National Election.
- The Committee on Nominations and Elections announced the results of the election to select candidates from the list of nominees to represent District II and District IV on the Board of Directors for the term 2008-2010. Nominees for District II included: Robin J. Hood, Joseph R. Peterson, Diane Grob Schmidt, and Steven W. Yates. Nominees for District IV included Paul F. Barbara, Eric C. Bigham, John P. Fackler, Jr., and Gregory H. Robinson. By mail ballot the councilors from these districts selected Joseph R. Peterson and Diane Grob Schmidt as District II candidates; and as District IV candidates, Eric C. Bigham and Gregory H. Robinson. Ballots will be mailed on or before October 10 to all members in District II and District IV for election of a Director from each District.

Candidates for Directors-at-Large

- The Committee on Nominations and Elections announced the selection of the following candidates for Directors-at-Large for a 2008-2010 term: Janan M. Hayes, Helen A. Lawlor, Kent J. Voorhees, and Frankie K. Wood-Black. The election of two Directors-at-Large will be conducted in the fall. Ballots will be mailed to the Council on or before October 10.

Committee Performance Reviews

- As part of a regular review, the Council VOTED to continue the Committee on Science, the Women Chemists Committee, and the Younger Chemists Committee - subject to concurrence by the Board of Directors. The Committee on Science provides an organizational framework to facilitate policy formulation, actions, and planning in several areas of ACS activity directly related to the science of chemistry. The Women Chemists Committee was established to recognize women chemists and to encourage them to take an active interest in Society activities; and the Younger Chemists Committee facilitates communication of ideas and attitudes between the governing bodies of the Society and younger chemists.

Petitions

(For Action)

- The Council received three amendments to the ACS Bylaws (Petitions) for action: the Petition on Election Procedures 2006, the Petition on Rules for Nominating Members of N&E for National Offices, and the Petition on Multi-Year Dues.
- The Council VOTED to split consideration and action on the Petition on Election Procedures 2006 into two parts: Part 1 changes the timing of run-off elections and specifies an election process for situations in which only one Director-at-Large position is open.

Part 2 addresses consistency in national election procedures. It proposes changes to standardize the petition and election processes for President-Elect and all Director posi-

tions based on percentages of voting members. It replaces language specifying a required absolute number of petition signatures for nomination of candidates for President-Elect, and Director-at-Large with language specifying a higher requirement for petition signatures as a percentage of the membership for nomination of candidates for these offices.

The Council VOTED to accept Part 1. For Part 2, the Council VOTED to recommit this petition back to the Committee on Nominations and Elections and ask that they reconsider the signature requirements, procedures for processing electronic signatures, and those suggestions arising from the Governance Review Task Force pertinent to election procedures.

- The Petition on Rules for Nominating Members of N&E for National Offices establishes a one-year waiting period following service on the Committee on Nominations and Elections before an individual can be nominated for District Director, President-Elect or Director-at-Large. The Council VOTED by recorded vote to defeat this petition.
- The Council VOTED to accept the Petition on Multi-Year Dues. This petition will allow members paying full dues without any of the discounts to pay for periods of two or three years if they wish, at a rate equal to two or three times the rate for a one year period. Council also VOTED to make this petition effective when technical components are instituted to offer and track the payments, but no later than January 1, 2010.
- The Board of Directors will vote within 90 days on whether to ratify the approved petitions. (For Consideration)

- The Council received one petition for consideration: the Petition on Local Section Affiliations. The petition addresses a difference in current Society bylaws regarding the responsibilities of the Committee on Local Section Activities (LSAC) and the Committee on Divisional Activities (DAC) in oversight of the establishment of affiliations by local sections and divisions, respectively. The petition grants responsibilities for LSAC parallel to those currently established for DAC. Action is expected on the petition at the fall national meeting.

2008 Member Dues

- The Council VOTED to set the member dues for 2008 at the fully escalated rate of \$136. This rate is established pursuant to an inflation-adjustment formula in the ACS Constitution and Bylaws.

The Society's Finances

- The Society ended 2006 with a net contribution from operations of \$12.2 million, on revenues of \$424.0 million and expenses of \$411.9 million, which was \$7.8 million favorable to the approved budget. The favorable variance was primarily attributable to higher-than-budgeted electronic services revenue and investment income, as well as expense savings from lower-than-budgeted health care costs and reduced IT spending. In addition, the Society ended 2006 in full compliance with the Board-established financial guidelines.

Registration Report

- As of March 27, 2007, the ACS fall national meeting had attracted 14,520 registrants as follows: Regular attendees 7,152; Students 5,059; Exhibitors 1,283; Exposition only 573; and Guests 453.

Future National Meetings

- The Council VOTED to approve dates and sites for 2017 national meetings as follows: April 2-6, San Francisco, California; and September 10-14, St. Louis, Missouri.

New Local Section

- The Council VOTED to establish the Snake River Local Section with headquarters in Boise, ID. This brings the total number of local sections to 190.

(continued on page 8)

COUNCILOR TALKING POINTS

(continued from page 7)

Member Statistics

- ACS closed 2006 with 160,491 members, the highest year-end membership since 2002. Of the 17,857 applications processed in 2006, more than 1,000 came from the Member-Get-A-Member campaign, in which many councilors participated.

Governance Review

- The Council received a report on the recent activities of the Governance Review Task Force. Councilors were informed that since the last Council meeting, the task force has met twice and action teams have been actively addressing those areas under the "Advance" category. Councilors also learned that the Council Policy Committee and the Board of Directors VOTED, as recommended by the Governance Review Task Force, to accept four recommendations under the "Refine" category.

Chemical Professional's Code of Conduct

- The Council VOTED to approve the Chemical Professional's Code of Conduct as submitted by the Committee on Economic and Professional Affairs. This document offers guidance for Society members in various professional dealings, especially those involving conflicts of interest.

Resolutions

- The Council adopted resolutions in memory of deceased councilors and ACS Past Presidents Robert Parry (1982), and Fred Basolo (1983).

ACTIONS OF THE BOARD OF DIRECTORS

The Board's Standing Committees

- The Board of Directors received a report on the screened list of candidates from the Committee on Grants and Awards for the 2008 Priestley Medal and the Volunteer Service Award. The Board will announce the winners of these two awards after its June meeting. The Board also VOTED to approve a new award: the ACS Award for Affordable Green Chemistry, and an endowment to support the award sponsored by the Rohm and Haas Company. The Committee on Grants and Award concluded its report with an update from the PRF Steering Committee.
- The Board received a report on the activities of the Committee on Public Affairs and Public Relations where they were informed of its actions at this meeting and recent governance advocacy activities since the committee's last meeting in December.

Activities of the Board's Task Forces and Working Groups

- The Board of Directors received status reports from several of its task forces and working groups namely: the Governance Review Task Force, the International Strategy Advisory Group, Percy Julian Task Force, the Board Oversight Group on Leadership Development, the working group on 2007 Board Goals and the working group charged with planning the Board's retreat. The Board VOTED, on the recommendation of the Governance Review Task Force, to accept four recommendations under the "Refine" category. The Board also expressed its appreciation to the Percy Julian Task Force for its outstanding work and presented its members with plaques of the US House of Representative Resolution (February 2007) honoring the life and contributions of Dr. Julian.

Recognition of Chemical Society Milestone Anniversaries

- The Board approved resolutions recognizing the 100th anniversary of the Hungarian Chemical Society and the 150th anniversary of the French Chemical Society. The French Chemical Society's anniversary will be celebrated in connection with its national meeting and the "C6" meeting, a summit of six large international chemical societies, in July. The Hungarian Chemical Society will celebrate its anniversary in June.

The Review and Approval of Two Policies

- The Board reviewed and approved a statement on scholarship as presented by the Committee on Education, and a series of policies for the acceptance of gifts as supported by the Task Force on Development Activities.

Compensation of Society Staff

- On the recommendation of the Committee on Executive Compensation, the Board VOTED to approve several actions relative to compensation for the Society's executive staff. The compensation of the Society's executive staff receives regular review from the Board.

The Executive Director/CEO Report

- The Executive Director/CEO led a discussion on challenges facing the ACS, 2007-2011, including demographic/disciplinary, international, workforce readiness & science competitiveness, knowledge transfer and governance reform, and on priority recommendations for addressing those challenges. She also, along with several of her direct reports, updated the Board on the following issues: the impact of evolving information and communication technologies and trends on the Society, the Web Presence initiative, the ACS Green Chemistry Institute, and the activities of Chemical Abstracts Service, the Publications Division, and the Society's General Counsel.



Bettyann Howson (North Jersey Section) presented Guided Inquiry: Using models and animations to teach intermolecular forces at the Spring ACS Meeting in Chicago.



Education

**CONFERENCE ON
SMALL MOLECULE SCIENCE**

The Carolina Inn, Chapel Hill, NC
July 30-August 1, 2007

Space is limited! **CoSMoS**
Visit www.CoSMoScience.org
to view agenda and register today!

The Conference on Small Molecule Science addresses the latest in small molecule science topics in a unique intimate setting. This innovative research-style meeting promotes high-level discussions focusing on the exchange of practical experience and ideal, academic research and novel techniques.

Founding Sponsors

Waters Mettler Toledo Thermo Fisher LCGC North America
www.waters.com www.mt.com www.thermo.com www.lcgc.com

New York Meetings

www.newyorkacs.org

CHEMICAL MARKETING & ECONOMICS GROUP

Nanotechnology: Markets and Products for Structured Nano Products (Fullerenes and Nanotubes)

Speaker: Dr. Viktor Vejins
CEO, Nano-C, Inc.
Westwood, MA

Date: Thursday, June 7, 2007

Times: Cocktails 11:30 AM
Luncheon 12 noon
Presentation 1:15-2:00 PM

Place: The Chemists' Club
40 West 45th Street
New York, NY

Cost: \$40 for Members who reserve by Tuesday, June 5 (12 noon).
\$55 for Guests and Members (at door without reservations)

RSVP: Call Vista Marketing at (917) 684-1659 or via E-mail to cmegroup@yahoo.com. You can also pay via credit card from our website, <http://www.nyacs-cme.org/>



HUDSON-BERGEN CHEMICAL SOCIETY 9TH UNDERGRADUATE RESEARCH SYMPOSIUM, APRIL 2007

The meeting was a Hudson-Bergen Award night for outstanding graduating seniors, who received a Biochemistry Book from John Wiley as well as a certificate. This was the 9th Annual Undergraduate Symposium presented by the Hudson-Bergen Chemical Society. Students presenting papers also received a book.



The group photo includes some student presenters (all from Fairleigh Dickinson University). Left to right: Merrick Morris, Sudeep Banjade, Prasanna Ramachandran, Prashanthi Natarajan, Mihaela Leonida (research mentor and organizer), Rekha Nair, Mukta Patel, and Shedly Jean-Lys.



Students gather in lobby.



2001 (L-R): Ravneet Nagi, Prof. Rob Mentore (Ramapo), Prof. Arthur Felix (Ramapo), and Angie Aggrey.



2004 (L-R): Prof. Mihaela Leonida (FDU), Sorin Diaconescu (Speaker on Forensic Toxicology), and Prof. Hanae Huarie (NJCU).

CANDIDATES FOR THE NEW YORK SECTION 2007 ELECTIONS

At the January General Meeting and Section-wide Conference, the Nominating Committee presented the following candidates for the New York Section 2007 elections. ACS, New York Section members will receive a ballot in April. The ballot must be returned by May 31, 2007. If a ballot is not received by May 12th, please contact the New York Section Office at 516-883-7510 or njesper1@optonline.net. The Section extends a sincere thank you to the following candidates for accepting the nomination to run for office.

Chair-elect for 2008

Barbara R. Hillery
Robert P. Nolan

Treasurer for 2008-2009

Stephen Z. Goldberg
Elise G. Megehee

Directors-at-Large for 2008

Mary Cowman
Sharon I. Lall-Ramnarine
Margaret Mandziuk
Joseph Sencen
Hessy L. Taft

Councilors for 2008-2010

Richard D. Cassetta
Jean D. Delfiner
Ronald P. D'Amelia
Richard M. Goodman
Pamela K. Kerrigan
Vijaya L. Korlipara
Frank R. Romano
Ralph Stephani

Call For Nominations

THE ACS NEW YORK SECTION'S OUTSTANDING SERVICE AWARD FOR 2007

Each year the New York Section presents the **Outstanding Service Award** to a most deserving member of the section. Many members of the New York Section provide their time, leadership talent, and educational skills to the New York Section. The tradition of excellence of the New York Section is directly attributable to the cumulative effect of these individuals. Please help us to recognize the efforts of our colleagues by nominating them for this award. Nominations will be reviewed by a committee consisting of the previous five winners of the award. The Outstanding Service Award for 2007 will be presented at the New York Section's Section-wide Conference in January 2008.

Nominations with supporting data should be mailed to Mrs. Joan Laredo-Liddell, 391 Palmer Road, Yonkers, NY 10701 or Mrs. Jean D. Delfiner at 207 Lincoln Place, Eastchester, NY 10709. Nominations should describe in detail the contributions of the member. A Seconding nomination letter is highly recommended.

For more information about the award along with a list of former award recipients, please visit the New York Section website at www.NewYorkACS.org.

Nominations should be forwarded to Mrs. Laredo-Liddell or Mrs. Delfiner by **June 30, 2007**.

THE WILLIAM H. NICHOLS MEDAL AWARD for 2008

The ACS New York Section is accepting nominations for the William H. Nichols Medal Award for the year 2008. This distinguished award, established in 1902 by Dr. William H.



Nichols, for the purpose of encouraging original research in chemistry, is the first award authorized by the American Chemical Society. It is presented annually in recognition of an outstanding contribution in the field of chemistry, and consists of a gold medal, a bronze replica and \$5000. The medals are presented at the William H. Nichols Meeting that consists of a Distinguished Symposium related to the medalist's field of expertise and a Medal

Award dinner.

Investigators who have published a significant and original contribution in any field of chemistry during the five calendar years preceding the presentation meeting are eligible for consideration by the Nichols Medal Jury.

The nomination forms may be obtained from: The American Chemical Society's, New York Section, Inc., Department of Chemistry, St. John's University, 8000 Utopia Parkway, Jamaica, NY 11439. The request may be faxed to the New York Section Office at 516-883-4003 or e-mailed to njesper1@optonline.net. Nomination forms and a list of past recipients can be obtained also from the New York Section website at <http://www.NewYorkACS.org>.

Six copies of the nominating materials and the official nomination form should be sent to the above mail address. Nominations must be received by **May 31, 2007**. The Nichols Medal Award Jury will meet in June to select the Nichols Medalist for 2008.

DESERT ANALYTICS
TRANSWEST GEOCHEM

**DESERT ANALYTICS WAS FOUNDED IN 1980 TO SERVE SCIENTISTS IN
UNIVERSITIES, BUSINESS AND GOVERNMENT IN THEIR MICROANALYTICAL NEEDS.**

Metals by AA/ICP **Trace Analysis**
Coal / Petroleum **Halogens** **CHNOSP**
Ion Chromatography

SERVING THE FIELDS OF:
ACADEMIC RESEARCH ENERGY
PHARMACEUTICALS MINING
ELECTRONICS ENGINEERING

DESERT ANALYTICS
245 S. PLUMER, #24
TUCSON, AZ 85719
520.623.3381
THELAB@DESERTANALYTICS.COM

**OUR STAFF INCLUDES PH.D. CHEMISTS
AND HIGHLY TRAINED AND EXPERIENCED
MICROANALYSTS WHO ARE COMMITTED
TO ACCURACY AND RELIABILITY OF RESULTS.**

WWW.DESERTANALYTICS.COM
ANALYSIS FOR THE CHEMICAL ELEMENTS

Micron Analytical Services

COMPLETE MATERIALS CHARACTERIZATION
MORPHOLOGY CHEMISTRY STRUCTURE

SEM/EDXA, TEM/SAED, EPA/WDXA, XRD, XRF, ESCA, AUGER, FTIR, DSC/TGA

3815 Lancaster Pike Wilmington DE. 19805 **Voice 302-998-1184, Fax 302-998-1836**
E-Mail micronanalytical@compuserve.com **Web Page: www.micronanalytical.com**

THE 2007 WILLIAM H. NICHOLS MEDAL AWARD AND DISTINGUISHED SYMPOSIUM — EPILOGUE AND PHOTO GALLERY

The 2007 William H. Nichols Medal was awarded to Prof. Nicholas J. Turro, who spoke on: "Photons, Electrons, Spins and Supramolecular Chemistry: New Tools for Unraveling Chemical Complexity."

The 2007 William H. Nichols Medal was presented to Professor Nicholas J. Turro of Columbia University by the ACS New York Section, at the Crowne Plaza Hotel, White Plains, NY on Friday March 16, 2007. This was the 101st Nichols Medal to be presented for distinguished research in chemistry. The gold medal was accompanied by a bronze replica and \$5000.

Professor Turro received the Nichols Medal for **Pioneering Research on the Photochemistry of Organic Molecules and Supramolecular Systems**. Professor Turro has made a major impact in the education of recent generations of physical organic chemists and photochemists both nationally and internationally.



Medalist Professor Nicholas J. Turro presents an excellent acceptance address to many attendees from colleges and industry as well as many former students.

Medal Award: Professor Nicholas J. Turro receives the 101st William H. Nichols Medal from Chair Mrs. Joan A. Laredo-Liddell as Mr. David Nichols cheers him on.



At the Distinguished Symposium: ACS President Dr. Catherine (Katie) T. Hunt, NY ACS Chair-elect Prof. Marc Walters (New York University), Prof. Harry B. Gray (California Institute of Technology), Prof. Jacqueline K. Barton (California Institute of Technology), Medalist Prof. Nicholas J. Turro (Columbia University), Prof. Ronald Breslow (Columbia University) and NY ACS Chair Mrs. Joan A. Laredo-Liddell.



At the Reception Get Together: Introducer Prof. Ged Parkin (Columbia University) Prof. Ron Breslow, Dr. Catherine Hunt, Medalist Nicholas J. Turro, Chair Mrs. Joan A. Laredo-Liddell, Mr. David Nichols, Prof. Jacqueline K. Barton, Prof. Harry B. Gray and Nichols Foundation President Mr. C. Walter Nichols III.



Symposium Speakers, Professors Ron Breslow, Jacqueline K. Barton and Harry B. Gray with Nichols Medalist Professor Nicholas J. Turro before the Medal Award Banquet.



Many of Professor Turro's former students celebrated with him, his wife Sandy, and Professors Barton and Gray.



Professor Ged Parkin presented a very interesting and enjoyable introduction of Professor Turro using a fantastic powerpoint presentation of photos and video from Prof. Turro's past.

North Jersey Meetings

<http://www.njacs.org>

IN MEMORIAM

Lawrence Barchi 33 years service



CAREERS IN TRANSITION GROUP

Job Hunting??

Are you aware that the North Jersey Section holds monthly meetings at Fairleigh Dickinson University in Madison to help ACS members? Topics covered at these cost-free workshops are:

- The latest techniques in resume preparation
- Ways for improving a resume
- Answers to frequently asked interview question and
- Conducting an effective job searching.

The next meeting for the Careers In Transition Group will be held **Thursday, June 7, 2007**, in the Rice Lounge on the first floor of the New Academic Building. The meeting will start at 5:30 PM and end at 9:00. There will be a Dutch-treat dinner. To get the most from the meeting, be sure to bring transparencies of your resume.

Please contact vjkuck@yahoo.com, if you plan on attending this meeting.



ChemTAG MEETING

The Chemistry of Foods

Speakers: Professors Richard Ludescher and Mukund Karwe.

Date: Tuesday, June 12, 2007

Times: 4:00-7:00

Place: School of Environmental and Biological Sciences (formerly Food Science Department)
Cook College

Send \$10 (check made to NJACS-TA) to reserve your seat and dinner to: Bobbi Gorman, 6 Woodhill St., Somerset, NJ, 08873.

For more information contact Bobbi at rosellerams@yahoo.com

NMR TOPICAL GROUP

There will not be any meeting for the months of June, July, and August.

Our next meeting will be held on **Wednesday, September 19, 2007**

Unsymmetrical Indirect Covariance NMR

Speaker: Dr. Gary Martin
Distinguished Fellow
Rapid Structure Characterization Laboratory
Pharmaceutical Sciences -
Chemical & Physical Sciences
Schering-Plough Corporation
Summit, NJ

Gary received a B.S. Pharmacy from the University of Pittsburgh in 1972 and a Ph.D. in 1975 from the University of Kentucky in the combined areas of solid-phase synthesis and NMR studies of reaction mechanisms. He was a Professor at the University of Houston from 1975-1989, leaving there to assume responsibility for NMR spectroscopy with Burroughs Wellcome, Co. in the US from 1989-1995. From 1996 through early 2006, he headed a group at Upjohn/Pharmacia/Pfizer responsible for the isolation and structural characterization of impurities and degradation products or pharmaceuticals. In March 2006, he joined Chemical & Physical Sciences at Schering-Plough's, Summit, NJ facility where he continues to work on the characterization of impurities and degradation products of pharmaceuticals and the development of new NMR methods and applications.

Door Prizes!

Date: Wednesday, September 19, 2007

Times: Dinner 6:30 PM

Seminar 7:00 PM

Place: Woodbridge Hilton

Iselin, NJ

(Directions: http://njacs.org/d_woodhilt.html)

Cost: Dinner \$30
(\$10 for student/postdoc)
No charge for seminar only.

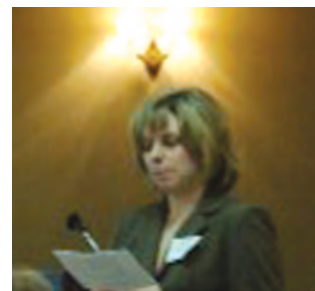
Register online: <http://njacs.org/nmr.html>, or via e-mail to

WENQING.FENG@SPCORP.COM

SCENES FROM THE NORTH JERSEY CHROMATOGRAPHY GROUP MARCH 2007 MEETING



Dr. Uwe Neue is presenting at NJCG March '07 meeting.



Chair - M. Neverovitch is addressing the audience.



Dr. Mark Bolgar is presenting at NJCG March '07 meeting.

BOOST OUR RATINGS

When you tell our advertisers that you saw their ads here they have more confidence in our newsletter's viability as an advertising medium. They advertise more. This supports our many activities.

Education

Center for Advanced Technology at the City University of New York (CUNYCAT)

Dedicated to Helping New York State Business **NYSTAR**

Need Help with R&D, or Problem Solving?

New Product Development	Developing Intellectual Property
Improved Quality	Spin-off New Companies
University Connection	Increased Capital Investment
Job Growth and Retention	Applying for Government Grants (SBIR)

Contact us: info@cunlyphotonics.com <http://www.cunlyphotonics.com> 212 650 8226

Others

CHEMISTRY OLYMPIAD

Each year the ACS uses a multi-tiered program to locate four best high school chemistry students in the United States, with a goal of entering them into competition in the International Chemistry Olympiad (ICHO). This year the ICHO will be in Moscow, Russia on July 15-24.

A total of 127 high school students were nominated by their teachers in the North Jersey Section, and given a first level screening test at Fairleigh Dickinson University (Florham) on March 30, 2007. Eleven students qualified to go on to a second screening. These students, along with their teachers and schools, are listed below:

Student	Teacher & School
Kenneth Chu	Paul Kimmel East Brunswick HS
Yuxin Xie	Paul Kimmel East Brunswick HS
Ben Yang	David Ostfeld Bergen Academies
Rachel Chasin	David Ostfeld Bergen Academies
Brian Lee	David Ostfeld Bergen Academies
Ziran Xiao	Theresa Loboda Livingston HS
Sakul Ratanalert	Theresa Loboda Livingston HS
Eric Liu	Michael Amendola Watchung Hills Regional HS
Hashim Chaudhry	Michael Amendola Watchung Hills Regional HS
Wenzong Zhau	Edward Potosnak Bridgewater-Raritan HS
Alex Morrison	Walter Crum Oratory Prep

The second level lasts about 6 hours and will have been given at FDU (Florham) on April 28.

MARGARET WU RECEIVES INDUSTRIAL CHEMISTRY AWARD FROM NATIONAL ACS

Motor oil is an essential chemical product that most people think about only every few thousand miles when it's time for an oil change. But thanks to chemists like Margaret M. Wu, who think about oil all the time, lubricant products have continued to improve over the years to meet the performance needs of our new cars.

Wu, a senior scientific adviser at ExxonMobil Research & Engineering, in Annandale, N.J., has been recognized as a top industrial chemist for her "creative and outstanding research contributions leading to breakthrough synthetic lubricant products of considerable commercial and environmental importance."

In addition to synthetic lubricants, Wu's research has contributed significantly to technology in areas as diverse as polymer synthesis, homogeneous and heterogeneous catalysis, and zeolite chemistry. "The knowledge and exposure to science in different areas early in my career has provided me a fertile ground for developing synergies and novel solutions that would not have been obvious if I had focused only in one area," she says.

For instance, in the early 1980s, Wu did pioneering work to produce ethylene from methanol in high yields by using proprietary zeolite catalysts. But her major discovery came a few years later when she took advantage of her experience to develop a new class of synthetic oil hydrocarbon base stocks. These antiwear fluids are used in the Mobil1 with SuperSyn brand of synthetic automotive engine oil and other products. They help improve engine oil life, reduce engine wear, and improve fuel economy.

"Margaret has essentially revolutionized how automobile and industrial lubricants are designed and synthesized," notes colleague Hsueh-Chia Chang, a chemical engineering professor at the University of Notre Dame, in Indiana. "By using combinatorial high-throughput testing and molecular-level insight, she can judiciously select the

plethora of additives and functional groups needed to tailor lubricants for different operating conditions. She designs lubricants like molecular biologists design new anticancer drugs."

She also was a key participant in the team effort to bring this important family of products to successful commercialization. The fluids are now present in a host of ExxonMobil products, including lubricants for new low-emission automobiles and for various types of industrial machinery.

Wu, 56, was born and raised in Taiwan. She received a B.S. degree in chemical engineering from Taipei Institute of Technology in 1970. She then traveled to the U.S. for graduate studies and received a Ph.D. in physical organic chemistry from the University of Rochester in 1976. After a short stint as a process chemist with American Cyanamid, Wu joined Mobil's Petrochemicals Division in Edison, N.J., in 1978. In 2002, she became the first woman to be named to the prestigious rank of senior scientific adviser at ExxonMobil. In

addition to many internal company awards, she received the Thomas Alva Edison Award in 2005 from the New Jersey R&D Council for her accomplishments.

"I find the work of an industrial chemist to be important and rewarding, because I can see the fruits of my labors," Wu observes. "Whether it's a product on the shelf or a process to produce something useful, I know it's improving the quality of life for many people in my own community and around the world." She adds that industrial chemists have evolved from working nearly alone in the lab to working as part of a team of scientists from different areas to bring products to the market in a fast-changing and competitive business environment. "That's always refreshing and exciting," she says.

The award was presented at the 2007 ACS national meeting in Chicago.

Adapted from *Chemical & Engineering News* with permission.



Margaret Wu (center) received the Industrial Chemistry Award from ACS President Catherine Hunt (right) and the Division of Business Development and Management Chair Janet Bryant (left) at the ACS Spring National meeting.

ANNUAL INDICATOR BUYER'S GUIDE

Your Buyers Guide Listing is free! If you are not listed in this year's Guide, please contact Vince Gale at (781) 837-0424, Fax (781) 837-8792, e-mail: vincegale@mboservices.net. The purpose of the Guide is to provide a ready reference of companies providing products and services that are of interest to our American Chemical Society members. Our members will use this guide as a way of finding vendors who can service their needs when they are trying to solve a problem, need equipment, restock inventory, or require consultant services, and they will keep this reference until the next one is published.

This directory will be given to our 12,000 members for their use. This issue has excellent advertising value because it is kept and referenced for the full year. For key numbers, see "Products and Services Directory" on page 25. If you wish to be in next year's Guide, please contact Vince Gale as noted above.

BUYER'S GUIDE - Company Directory

AABSPEC Instrumentation Corp.

Vai Rossiter, President
135 Sutton Drive
Plainview, NY 11803
(800)783-9380 (voice)
(800)781-4934 (fax)
www.aabspec.com
vai@aabspec.com
174A, 174B

Abacalab

Christopher Phelan, President
811 N. Franklin St.
Wilmington, DE 19806
(302)494-6507 (voice)
(302)213-9179 (fax)
www.abacalab.com
phelan@abacalab.com
56

Accelerated Technology Lab

Kim Paszko
Product Specialist
496 Holly Grove School Rd
West End, NC 27376-8412
(800)565-5467 (voice)
(910)673-8166 (fax)
info@atlab.com
56

Agilent Technologies

Joan Horwitz
MARCOM Manager, AFM/NMD
4330 W. Chandler Blvd.
Chandler, AZ 85226
(480)756-5900 (voice)
() - (fax)
www.agilent.com
joan_horwitz@agilent.com
144B

Alliance Technologies, LLC

Jonathan Chun PhD
Director of Technology
1 Deer Park Drive, Suite D
Monmouth Junction, NJ 08852
(732)355-1234 (voice)
(732)438-8265 (fax)
www.alliancetechgroup.com
info@alliancetechgroup.com
23

Alpha Mos America

George Foster
Business Manager
7502 Connelley Drive, Ste 110
Hanover, MD 21076-1705
(410)553-9736 (voice)
(410)553-9871 (fax)
www.alpha-mos.com
amusa@alpha-mos.com
151

AMETEK Test & Calibration Inst

Angel Schell
Mgr, Marketing Communications
7A Harriman Campus Rd, Ste 310
Albany, NY 12206
(518)689-0222 (voice)
(518)689-0225 (fax)
www.petrolab.com
TCL.sales@ametec.com
12

Ast Scientific, LLC

Dina Teichman, President
952 East 26th Street
Brooklyn, NY 11210
(718)692-3945 (voice)
(718)228-2869 (fax)
www.astscientific.com
dina@astscientific.com
12C, 12H

Atlas Material Testing Technol

Kerry Quilter, Marketing Services
4114 N Ravenswood Ave.
Chicago, IL 60613
(773)289-5567 (voice)
(773)327-4023 (fax)
www.atlas-mts.com
kquilter@atlas-mts.com
80B

ATS RheoSystems

Louise Montemurro
Administrative Asst.
52 Georgetown Rd
Bordentown, NJ 08505-2405
(609)298-2522 (voice)
(609)298-2795 (fax)
www.atsrheosystems.com
info@atsrheosystems.com
12

Avery Filter Co.

Larry Avery
Technical Director
99 Kinderkamack Road, Ste 209
Westwood, NJ 07675
(201)666-9664 (voice)
(201)666-3802 (fax)
www.averyfilter.com
larry@averyfilter.com
110

Banner & Witcoff, Ltd.

Ernie Linek
Patent & Trademark Law
28 State Street, 28th Floor
Boston, MA 02109-1775
(617)720-9600 (voice)
(617)720-9601 (fax)
www.bannerwitcoff.com
Elinek@bannerwitcoff.com
59

Bedoukian Research

Izzy Heller
Sales Manager
21 Finance Dr.
Danbury, CT 06810
(203)830-4000 (voice)
(203)830-4010 (fax)
www.bedoukian.com
izzy@bedoukian.com
28

Bel-Art Products

Lauren Proctor
Admin Asst. Sales & Marketing
6 Industrial Road
Pequannock, NJ 07440
(973)694-0500 (voice)
(973)694-7199 (fax)
www.belart.com
lproctor@belart.com
107

BUYER'S GUIDE - Company Directory

BioPro International Inc.

Rene Lohser, President
P.O. Box 156 /265 Conklin St.
Farmingdale, NY 11735
(516)249-0099 (voice)
(516)249-0494 (fax)
www.biopro.com
bioprointl@aol.com
14

Boston Analytical Inc.

Robert McBride
Operations Manager
8 Industrial Way—#D3
Salem, NH 03079
(603)893-3758 (voice)
(603)893-1268 (fax)
info@bostonanalytical.com
23

Brookhaven Instruments Corp.

Irene Mueller
Marketing Manager
750 Blue Point Road
Holtsville, NY 11742
(631)758-3200 (voice)
(631)758-3255 (fax)
www.bic.bom
imueller@bic.com
4, 6A, 12BA

Bruker AXS Inc.

Suesan Byram
Crystallographic Business Mgr.
5465 E. Cheryl Pkwy.
Madison, WI 53711
(800)234-9729 (voice)
(608)276-3006 (fax)
www.bruker-axs.com
info@bruker-axs.com
177A, 177B, 178

Bruker Daltonics Inc.

Joe Gill
Marketing/Sales Coordinator
40 Manning Road
Billerica, MA 01821
(978)863-3660 (voice)
(978)863-2471 (fax)
www.bdal.com
jmg@bdal.com
12D, 18, 72, 90, 148, 152, 169,
172, 173, 178

Business Development Intl.

A.O. Zoss, President
333 Elmwood Ave. Ste D538
Maplewood, NJ 07040-2449
(973)762-5802 (voice)
(973)762-5802 (fax)
www.chemconsultants.org/
aозoss.html
aозoss@aol.com
80A

Cambridge Isotope Laboratories

Tasha Agreste
Marketing Specialist
50 Frontage Road
Andover, MA 01810
(978)749-8000 (voice)
(978)749-2768 (fax)
www.isotope.com
tasha@isotope.com
13, 25A, 28, 29, 35, 35A, 38, 39,
149, 181

Cargille Laboratories

Customer Service
55 Commerce Road
Cedar Grove, NJ 07009
(973)239-6633 (voice)
(973)239-6096 (fax)
www.cargille.com
cargillelabs@aol.com
3,9,68,119A,144,151

Cargille TAB-PRO Corporation

John J. Cargille
President
4 East Frederick Place
Cedar Knolls, NJ 07927
(973)267-8888 (voice)
(973)267-7998 (fax)
www.cargille.com
cargilletabpro@att.net
178

Castagna Consulting Group, LLC

Michael Castagna, Principal
555 Canal St. Ste#808
Manchester, NH 03101
(603)625-1912 (voice)
(603)641-6493 (fax)
www.castagnaconsultinggroup.com
michael@castagnaconsultinggroup.com
66

Chemical Consultants Network

Bill Reuter, Chair CCN
14 Shoal Drive
Barnegat, NJ 08005
(609)607-9630 (voice)
(609)607-9723 (fax)
reuterw@aol.com
77

(continued on page 22)

BUYER'S GUIDE - Company Directory

(continued from page 21)

Chemir Analytical Services

Mark Crain
Senior Director, Bus Develop
2672 Metro Boulevard
Maryland Heights, MO 63043
(800)659-7659 (voice)
(314)291-6630 (fax)
www.chemir.com
mcrain@chemir.com
12C, 12D, 12F, 20, 23, 65A, 72,
74B, 75, 80, 81

Chiral Technologies, Inc.

Lorraine Evangelista
Manager, Marketing Services
800 North Five Points Road
West Chester, PA 19380
(610)594-2100 (voice)
(610)594-2325 (fax)
www.chiraltech.com
levangelista@chiraltech.com
44

Chiralizer Services, LLC

Steven Parker
Sales Manager
12 Penns Trail, Suite 131
Newtown, PA 18950
(215)497-9493 (voice)
(215)497-9466 (fax)
www.hplctools.com
steven@hplctools.com
42A

Complete Analysis Laboratories

Dr. Zvi Blank
President
1259 Route 46, Bldg. #4C
Parsippany, NJ 07054
(973)335-2254 (voice)
(973)335-0556 (fax)
www.calilabs.com
calilabs@earthlink.net
21A

Custom NMR Service

Jin Hong, Ph.D., Principal
77 Pine Ridge Drive
Ayer, MA 01432
(978)502-1244 (voice)
(978)772-6939 (fax)
www.custom-nmr-service.com
jinhong@custom-nmr-
services.com
12H

D-Star Instruments

Ken Weinberger
Director of Marketing
8424 Quarry Rd.
Manassas, VA 20110
(703)335-0770 (voice)
(703)335-9952 (fax)
Dstarlnstr@aol.com
46

Desert Analytics

Poulsen, Ralph
Laboratory Director
3860 S. Palo Verde Rd. Ste.303
Tucson, AZ 85714
(520)623-3381 (voice)
(520)623-9218 (fax)
www.desertanalytics.com
thelab@desertanalytics.com
23

DuPont Analytical Solutions

Carol Sellers
Sr. Administrative Assistant
POB 80302, Exp Sta,
Bldg 302, Rm211B
Wilmington, DE 19880-0302
(302)695-1018 (voice)
(302)695-1717 (fax)
dasolutions@usa.dupont.com
65A

Eastern Chemical Corporation

D Hampson, Sales
230 Marcus Blvd., POB 18050
Hauppauge, NY 11788
(631)273-0900 (voice)
(631)273-0858 (fax)
www.easternchemicalcorp.com
eastern@u-g.com
37

Eastern Scientific Co.

Tom James, General Manager
301 Winter Street Unit E
Hanover, MA 02339
(781)826-3456 (voice)
(781)826-3448 (fax)
www.easternsci.com
easternsci@aol.com
100, 109, 112, 129, 137

EDAX Inc

Christine Meehan
Marketing Comm Specialist
91 McKee Dr
Mahwah, NJ 07430
(201)529-6121 (voice)
(201)529-3156 (fax)
www.edax.com
christine.meehan@ametek.com
89

Elemental Analysis Corp.

Ron Stocks, Marketing Manager
101 Venture Ct. Ste. B-1
Lexington, KY 40511
(859)254-5115 (voice)
(859)254-5150 (fax)
ron@elementalanalysis.com
65A

Excel for Scientists & Engineers

Joseph Billo PhD
Marketing Manager
13 Shattuck Street
Natick, MA 01760
(508)653-3074 (voice)
() - (fax)
joseph.billo@verizon.net
179B

Fluid Metering, inc.

Dennis Scoria
Vice President Sales
5 Aerial Way #500
Syosset, NY 11791-5593
(800)223-3388 (voice)
(516)624-8261 (fax)
dennis.scoria@fmipump.com
129

BUYER'S GUIDE - Company Directory

Galbraith Laboratories, Inc.

Deborah Cornings
Advertising Manager
P.O. Box 51610
Knoxville, TN 37952
(877)449-8797 (voice)
(865)546-7209 (fax)
www.galbraith.com
debcomings@galbraith.com
12C, 12D, 12F, 12G, 20, 21A,
22, 23, 24, 65A, 69, 74, 74B, 80,
80B, 81

Glas-Col, LLC

James Jacso
Dir. Sales & Engineering
711 Hulman Street
Terre Haute, IN 47802
(812)235-6167 (voice)
(812)234-6975 (fax)
www.glascol.com
pinnacle@glascol.com
114

Globe Scientific Inc

Dara Diamond
Marketing Manager
PO Box 1625
Paramus, NJ 07653-1625
(201)599-1400 (fax)
www.globescientific.com
mail@globescientific.com
119A

GOW-MAC Instrument Co.

Gail Johnson
MarCom Manager
277 Broadhead Rd.
Bethlehem, PA 18017
(610)954-9000 (voice)
(610)954-0599 (fax)
www.gow-mac.com
sales@gow-mac.com
5, 43, 84A, 85, 86, 87A

Headwall Photonics, Inc.

David Bannon
Marketing Manager
601 River Street
Fitchburg, MA 01420
(978)353-4100 (voice)
(978)348-1864 (fax)
information@
headwallphotonics.com
174

Hellma Cells Inc.

Daniel Fields
Director of Marketing
80 Skyline Drive
Plainview, NY 11803
(516)935-0007 (voice)
(516)939-0555 (fax)
www.hellmausa.com
info@Hellmausa.com
93, 105A, 115, 120A, 122, 133,
134, 168, 171, 176

Huffman Laboratories, Inc.

William Huffman
Vice President
4630 Indiana St.
Golden, CO 80403-1849
(303)278-4455 (voice)
(303)278-7012 (fax)
www.huffmanlabs.com
bhuffman@huffmanlabs.com
24, 69, 145

IBC Labs

Robert S. Green
President
2005 E. Innovation Park Drive
Tucson, AZ 85755-1966
(520)219-2900 (voice)
(520)219-6090 (fax)
www.integratedbiomolecule.
com
lab@integratedbiomolecule.
com
12C

Impact Analytical, Div. of M.M.I.

Eric Hill
Marketing Development
Manager
1910 West St. Andrews Road
Midland, MI 48640-2696
(989)832-5555 (voice)
(989)832-5560 (fax)
www.impactanalytical.com
hill@impactanalytical.com
23

International Crystal Labs

Robert Herpst
President
11 Erie Street
Garfield, NJ 07026
(973)478-8944 (voice)
(973)478-4201 (fax)
www.internationalcrystal.net
iclmail@internationalcrystal.net
125

IQSynthesis

Todd Stark, Ph.D.
Director, Business Development
11810 Borman Dr.
St. Louis, MO 63146
(800)506-9892 (voice)
(314)991-2834 (fax)
www.iqsynthesis.com
tstark@iqsynthesis.com
28, 34, 38, 72, 74, 77

Jobin Yvon Inc.

Diane Surine
Advertising Manager
3880 Park Ave.
Edison, NJ 08820
(732)494-8660 (voice)
(732)549-5157 (fax)
www.jobinyvon.com
diane.surine@jobinyvon.com
166

KNF Neuberger

Richard Rault
Manager, Mktg. Communications
2 Black Forest Rd.
Trenton, NJ 08691-1810
(609)890-8600 (voice)
(609)890-8323 (fax)
www.knf.com/usa.htm
knfusa@knf.com
129

Libra Technical Center, LLC

J. Stephen Duerr, PhD, PE, CPC
Michael M. Blumenthal, PhD
101 Liberty Street
Metuchen, NJ 08840
(732)321-5200 (voice)
(732)321-5203 (fax)
www.libralabs.com
asklibra@libralabs.com
12C, 12D, 12G, 17, 20, 23, 24,
25, 38, 43, 65, 68, 69, 74B, 77,
144B

Mallinckrodt Baker, Inc.

Allison Hosak
Mgr. Marketing Communications
222 Red School Lane
Phillipsburg, NJ 08865
(908)213-6713 (voice)
(908)859-6904 (fax)
jbaker.com
infombi@mgk.com
38

Matech Associates

Dr. B. Chowdhury
Materials Consultant
6 Lotus Terrace
Lake Ariel, PA 18436
(570)689-4752 (voice)
(570)689-4752 (fax)
www.matechlab.com
matech@usnetway.com
80B

Matrix Scientific

H.S. Allen, President
P.O. Box 25067
Columbia, SC 29224-5067
(803)788-9494 (voice)
(803)788-9419 (fax)
www.matrixscientific.com
sales@matrixscientific.com
27A, 28, 34, 35A, 35B, 38, 146

(continued on page 24)



DuPont Analytical Solutions

From rapid, routine testing to complex problem-solving. One of the world's largest, and most diverse analytical laboratories, with the experience to solve your analytical challenges in :

**Electronic Materials • Personal Care • Catalysis • Coatings, Pigments, and Adhesives
Specialty Chemicals • Films and Packaging • Pharmaceuticals • Plastics • Fibers • Textiles**

DuPont Analytical Solutions
P.O. Box 80302
Wilmington, DE 19880-0302
Phone: (302) 695-1018

e-mail: Dasolutions@usa.dupont.com
web: <http://analyticalsolutions.dupont.com>
FAX: (302) 695-1717

Contact us for all your analytical needs.



BUYER'S GUIDE - Company Directory

(continued from page 23)

Mettler-Toledo, Inc.
Chellsea Mastroine
Media Relations Manager
1900 Polaris Pkwy
Columbus, OH 43240
(614)438-4936 (voice)
(614)985-8171 (fax)
www.mt.com/na
chellsea.mastroine@mt.com
3, 5, 7, 9, 11A, 12B

Micromeritics Analytical Svcs
Greg Thiele, Business Manager
1 Micromeritics Drive, Ste#200
Norcross, GA 30093
(770)663-3630 (voice)
(770)662-3653 (fax)
www.particletesting.com
mas@particletesting.com
50

Micron Inc.
James Ficca Jr., President
3815 Lancaster Pike
Wilmington, DE 19805
(302)998-1184 (voice)
(302)998-1836 (fax)
micronanalytical.com
micronanalytical@compuserve.com
69, 80B, 88, 89, 91

Milestone, Inc.
Victoria Jacobs, Marketing
Manager
25 Control Drive
Shelton, CT 06484
(203)925-4240 (voice)
(203)925-4241 (fax)
www.milestonesci.com
vaj@milestonesci.com
3A, 3B, 3C, 3D, 3E, 106, 109,
119A, 146

NDE Analytical
Afaf Wensky, Ph.D.
Marketing Manager
1043 H Serpentine Lane
Pleasanton, CA 94566
(925)485-0080 (voice)
(925)846-0177 (fax)
www.NDEanalytical.com
afafwensky@ndeanalytical.com
12C, 69, 75, 80, 80B, 145

Novatia LLC
Charles Tirendi, Ph.D., President
11 Deerpark Drive, Ste #202
Mommouth Junction, NJ 08852
(732)274-9933 (voice)
() - 5 (fax)
charles.tirendi@novatia.com
12D, 12H, 19, 21

On Assignment Lab Support
Shaila Green
Senior Account Executive
111 Presidential Blvd. Ste#240
Bala Cynwyd, PA 19004
(610)660-9830 (voice)
(610)660-9843 (fax)
philadelphia@labsupport.com
57A

Organix Inc.
Howard Sard, Ph.D, Vice President
240 Salem Street
Woburn, MA 01801
(781)932-4142 (voice)
(781)933-6695 (fax)
www.organixinc.com
sard@organixinc.com
146

Organomed Corporation
James Jacob, President
11 Grandview St., Unit 8
Coventry, RI 02816
(401)826-7240 (voice)
(401)826-7315 (fax)
www.organomed.com
info@organomed.com
28

PCI Synthesis
Kenneth Drew, Ph.D.
Manager Business Development
88 Jackson Road
Devens, MA 01434
(978)772-2111 (voice)
(978)862-0036 (fax)
www.pcisynthesis.com
sales@pcisynthesis.com
28

Pdr-chiral Inc.
Gary Yanik
President & CEO
1331A S. Killian Drive
Lake Park, FL 33403
(561)841-4195 (voice)
(561)841-4196 (fax)
www.pdr-chiral.com
gwyani@pdr-chiral.com
8

Pfaltz & Bauer, Inc.
Betty Collette
Customer Service Rep.
172 E. Aurora St.
Waterbury, CT 06708
(203)574-0075 (voice)
(203)574-3181 (fax)
www.pfaltzandbauer.com
sales@pfaltzandbauer.com
37

pION Inc.
Ineta Borouchovich
Administrative Assistant
5 Constitution Way
Woburn, MA 01801-1024
(781)935-8939 (voice)
(781)935-8938 (fax)
www.pion-inc.com
iboru@pion-inc.com
12G

Pittcon 2007
Nardozi: Marian
Marketing Comm Specialist
300 Penn Center Blvd,
Ste #332
Pittsburgh, PA 15235-5503
(412)825-3220 (voice)
(412)825-3224 (fax)
www.pittcon.org
nardozi@pittcon.org
179B

Plastiscience LLC
Dan Davidson, President
73 Artisan Drive
Smyrna, DE 19977
(302)659-3032 (voice)
(302)659-3875 (fax)
info@plastiscience.com
23

Poly(Chem-Tech)
Daniel Kruh, Ph.D., President
8 Braddock
East Brunswick, NJ 08816
(732)238-3182 (voice)
(732)238-3182 (fax)
dankruh@aol.com
65

Polysciences Inc.
Bob Gleim
Catalog Business Develop. Mgr.
400 Valley Rd.
Warrington, PA 18976
(215)343-6484 (voice)
(800)343-3291 (fax)
www.polysciences.com
rgleim@polysciences.com
38

Proton Energy Systems
David Wolff
Vice President, Marketing
10 Technology Drive
Wallingford, CT 06492
(860)604-3283 (voice)
() - (fax)
www.protonenergy.com
dave.wolff@protonenergy.com
43

Q-Glass Co Inc.
Dan Dotterweich, President
624 Main Road
Towaco, NJ 07082
(973)335-5191 (voice)
(973)335-2057 (fax)
www.qglass.com
dan@qglass.com
116

BUYER'S GUIDE - Company Directory

Quartz Plus Inc.
Joseph Thomas
Vice President
27 Westview Road
Brookline, NH 03033
(603)673-5690 (voice)
(603)673-5766 (fax)
www.quartzplus.com
jthomas@quartzplus.com
116

Richman Chemical, Inc.
Chris Kulp
Manager New Business Develop
768 N. Bethelham Pike
Lower Gwynedd, PA 19002
(215)628-2946 (voice)
(215)628-4262 (fax)
www.richmanchemical.com
clk@richmanchemical.com
28

Robertson Microlit Labs.
Patricia Oeckinghaus
Vice President
29 Samson Ave.
P.O. Box 927
Madison, NJ 07940
(973)966-6668 (voice)
(973)966-0136 (fax)
www.robertson-microlit.com
admin@robertson-microlit.com
21A, 23, 24

Rudolph Instruments
Dr. Kumar Utukuri
President
400 Morris Ave, Suite 120
Denville, NJ 07834
(973)983-6700 (voice)
(973)983-6290 (fax)
www.rudolphinst.com
sales@rudolphinst.com
8, 9, 148

Sarchem Laboratories, Inc.
Sam Kumar
President
1041 Highway 36
Atlantic Highlands, NJ 07716
(732)708-1777 (voice)
(732)708-1265 (fax)
www.sarchemlabs.com
sarchem@aol.com
28

Schwarzkopf Microanalytical
Florence Wohl
Exec. V.P.
56-19 37th Ave.
Woodside, NY 11377
(718)429-6248 (voice)
(718)429-5785 (fax)
schwarzkopfmicro@aol.com
12G, 20, 21A, 22, 23, 24, 65A,
74B, 75, 77, 80, 80B, 90, 145,
147

Scientific Asset Management
Chris McManemin
Marketing Manager
99 Lurline Drive
Basking Ridge, NJ 07920
(908)604-1417 (voice)
() - (fax)
www.gotosam.com
gotosam@gotosam.com
140

Setaram Inc.
Etherington
US Managing Director
7905 Browning Rd, suite 206
Pennsauken, NJ 08109
(856)910-9990 (voice)
(856)910-1150 (fax)
www.setaram.com
rivera@setaram.com
25

Simulations Plus, Inc.
Creely: Ron
V.P. Marketing
42505 10th Street West
Lancaster, CA 93534
(661)723-7723 (voice)
(661)723-5524 (fax)
www.simulations-plus.com
info@simulations-plus.com
56

Sonics & Materials
Edward Neeb
Vibra-Cell Sales & Marketing
53 Church Hill Road
Newtown, CT 06470
(203)270-4600 (voice)
(203)270-4610 (fax)
www.sonics.biz
eneeb@sonics.biz
118

Spectral Data Services
Gary Turner
President
818 Pioneer
Champaign, IL 61820
(217)352-7084 (voice)
(217)352-9748 (fax)
www.sdsnmr.com
72

SPI Supplies
Charles Garber Ph.D.
President
P.O. Box 656
West Chester, PA 19381-0656
(610)436-5400 (voice)
(610)436-5755 (fax)
www.2spi.com
cgarber@2spi.com
144

(continued on page 26)



21 CFR PART 11 COMPLIANCE FOR POLARIMETERS



New software for DigiPol-DP781 Series of Polarimeters to meet the challenges of compliance in today's regulatory environment

Rudolph Instruments manufactures a complete range of instruments and accessories

Digital Polarimeters	Manual Saccharimeters
Digital Saccharimeters	Quartz Rotation Standards
Polariscopes	Polarimeter Cells
Ellipsometers	Manual Polarimeters

www.rudolphinst.com
sales@rudolphinst.com

400 Morris Avenue Suite 120 Denville NJ 07834
toll free USA: 888 478 3657 International: 973 983 6700

BUYER'S GUIDE - Company Directory

(continued from page 25)

Taylor Technologies Inc.
31 Loveton Circle
Sparks, MD 21152
(800)837-8548 (voice)
(410)771-4291 (fax)
www.taylor technologies.com
customerservice@
taylor technologies.com
12A

TCI America
Michelle Anselmo
Reagent Sales Manager
9211 N. Harborsgate Street
Portland, OR 97203
(800)423-8616 (voice)
(888)520-1075 (fax)
www.tciamerica.com
sales@tciamerica.com
35B

Teledyne ISCO Inc.
4700 Superior St.
Lincoln, NE 68504
(402)464-0231 (voice)
(402)465-3064 (fax)
www.isco.com
iscinfo@teledyne.com
46

The Guthertz Group, LLC
Barry Guthertz, President
83 Main Street
Norwalk, CT 06851
(203)849-5973 (voice)
(203)849-5978 (fax)
guthertz@sbcglobal.net
58

TRI/Princeton
Eleanor Lehman
Marketing Manager
601 Prospect Ave.,
PO Box 625
Princeton, NJ 08540
(609)430-4820 (voice)
(609)663-7149 (fax)
www.triprinceton.org
info@triprinceton.org
118

U.S. Services, Inc.
John Kilby
Marketing Manager
19 Ox Bow La.
Summit, NJ 07901
(908)273-0440 (voice)
(908)273-2956 (fax)
www.iconsotopes.com
iconsot@juno.com
172

Utility Development Corp.
Harry S. Katz
President
112 Naylon Ave.
Livingston, NJ 07039
(973)994-4334 (voice)
(973)994-3341 (fax)
www.udccorp.com
harryskatz@aol.com
77

VHG Labs
Mary Csakai
Marketing
276 Abby Road
Manchester, NH 03103
(603)622-7660 (voice)
(603)622-5180 (fax)
www.vhglabs.com
maryc@vhglabs.com
24

Waters Corporation
Joanne Fortunato
Executive Sales Representative
34 Maple Street
Milford, MA 01757
(800)252-4752 (voice)
(508)634-3305 (fax)
www.waters.com
joanne_fortunato@waters.com
46, 56, 172

Webassign.net
Peg Gjertsen
Vice President
1730 Varsity Drive, Suite 200
Raleigh, NC 27606
(919)829-8181 (voice)
(919)829-1516 (fax)
www.webassign.net/movies/
peg_gjertsen@webassign.net
179B

Wilmad/Lab Glass
Glenda Marinelli
Marketing Support
P.O. Box 688,
1002 Harding Hwy
Buena, NJ 08310-0688
(800)220-5171 (voice)
(856)697-0536 (fax)
www.wilmad-labglass.com
glenda.marinelli@
spindustries.com
72

XenoBiotic Laboratories, Inc.
Neil Lewis PhD
Vice President
107 Morgan Lane
Plainsboro, NJ 08536
(888)936-6880 (voice)
(609)799-7497 (fax)
www.xbl.com
njlewis@xbl.com
12C, 12D, 12E, 18, 19, 20, 65,
74B, 77

YourEncore, Inc.
Herb Young
Network Asset Specialist
10925 Reed Hartman Hwy,
Ste. #114
Cincinnati, OH 45242
(513)794-9777 (voice)
(513)794-9781 (fax)
www.yourencore.com
herb.young@yourencore.com
77

ZirChrom Separations, Inc.
Kelly Johnson
Technical Sales/Support Spec.
617 Pierce Street
Anoka, MN 55303
(866)782-2531 (voice)
(763)421-2319 (fax)
www.zirchrom.com
support@zirchrom.com
44



THE INDICATOR-JUNE 2007

26

BUYER'S GUIDE - Products & Services

ANALYTICAL EQUIPMENT

3-Densitometers
Cargille Laboratories
Mettler-Toledo, Inc.

3A-Microwave Extractor
Milestone, Inc.

3B-Microwave Digester
Milestone, Inc.

3C-Microwave Pyrolyzer
Milestone, Inc.

3D-Mercury Synthesis
Milestone, Inc.

3E-Mercury Analyzer
Milestone, Inc.

4-Molecular weight analyzers
Brookhaven Instruments Corp.

5-Moisture analyzers
GOW-MAC Instrument Co.
Mettler-Toledo, Inc.

6A-Particle size
Brookhaven Instruments Corp.

7-pH Meters & indicators
Mettler-Toledo, Inc.

8-Polarimeters
Pdr-chiral Inc.
Rudolph Instruments

9-Refractometers
Cargille Laboratories
Mettler-Toledo, Inc.
Rudolph Instruments

11A- Titration
Mettler-Toledo, Inc.

12-Viscometers
AMETEK Test & Calibration Inst
ATS RheoSystems

12A-Water test kits
Taylor Technologies Inc.

12B-Weighing balances & scales
Mettler-Toledo, Inc.

12BA-Zeta potential
Brookhaven Instruments Corp.

ANALYTICAL SERVICES

12C-HPLC
Ast Scientific, LLC
Chemir Analytical Services
Galbraith Laboratories, Inc.
IEC Labs
Libra Technical Center, LLC
NDE Analytical
XenoBiotic Laboratories, Inc.

12D-Mass Spectrometry
Bruker Daltonics Inc.
Chemir Analytical Services
Galbraith Laboratories, Inc.
Libra Technical Center, LLC
Novatia LLC
XenoBiotic Laboratories, Inc.

12E-Radio Chromatography
XenoBiotic Laboratories, Inc.

12F-TLC
Chemir Analytical Services
Galbraith Laboratories, Inc.

12G-UV-Visible Spectroscopy
Galbraith Laboratories, Inc.
Libra Technical Center, LLC
pION Inc.
Schwarzkopf Microanalytical

12H-NMR Spectroscopy

Ast Scientific, LLC
Custom NMR Service
Novatia LLC

BIOTECHNOLOGY

13-Biochemicals
Cambridge Isotope Laboratories

14-Biomedical equipment
BioPro International Inc.
Scientific Asset Management

17-Microbiology
Libra Technical Center, LLC

CHEMICAL ANALYSIS

18-Bio-analyses by HPLC
Bruker Daltonics Inc.
XenoBiotic Laboratories, Inc.

19-Bioanalytical service LC/MS
Novatia LLC
XenoBiotic Laboratories, Inc.

20-Certificates of analysis
Chemir Analytical Services
Galbraith Laboratories, Inc.
Libra Technical Center, LLC
Schwarzkopf Microanalytical
XenoBiotic Laboratories, Inc.

21-Data processing
Novatia LLC

21A-Elemental Microanalysis
Complete Analysis Laboratories
Galbraith Laboratories, Inc.
Robertson Microlit Labs.

22-Precious metal assay
Galbraith Laboratories, Inc.
Schwarzkopf Microanalytical

23-Testing laboratory
Alliance Technologies, LLC
Boston Analytical Inc.
Chemir Analytical Services
Desert Analytics
Galbraith Laboratories, Inc.
Impact Analytical, Div. of M.M.I
Libra Technical Center, LLC
Plasticscience LLC
Robertson Microlit Labs.
Schwarzkopf Microanalytical

24-Trace element analysis
Galbraith Laboratories, Inc.
Huffman Laboratories, Inc.
Libra Technical Center, LLC
Robertson Microlit Labs.
Schwarzkopf Microanalytical
VHG Labs

25-Thermal analysis
Libra Technical Center, LLC
Setaram Inc.

CHEMICALS

25A-Amino acids
Cambridge Isotope Laboratories

27A-Chiral & custom chemicals
Matrix Scientific

28-Custom synthesis
Bedoukian Research
Cambridge Isotope Laboratories
IQSynthesis
Matrix Scientific

Organomed Corporation
PCI Synthesis
Richman Chemical, Inc.
Sarchem Laboratories, Inc.

29-Detergents

Cambridge Isotope
Laboratories

34-Intermediates

IQSynthesis
Matrix Scientific

35-Isotopes

Cambridge Isotope
Laboratories

35B-Organic Compounds

Matrix Scientific
TCI America

35A-Pharmaceutical intermediates

Cambridge Isotope Laboratories
Matrix Scientific

37-Reagents

Eastern Chemical Corporation
Plattz & Bauer, Inc.

38-Research Chemicals

Cambridge Isotope Laboratories
IQSynthesis

Libra Technical Center, LLC
Mallinckrodt Baker, Inc.

Matrix Scientific
Polysciences Inc.

39-Solutions, standard

Cambridge Isotope Laboratories

CHROMATOGRAPHY

42A-Chromatography

Chiralizer Services, LLC

43-Gas

GOW-MAC Instrument Co.
Libra Technical Center, LLC

Proton Energy Systems

44-HPLC columns

Chiral Technologies, Inc.
ZirChrom Separations, Inc.

46-Liquid

D-Star Instruments
Teledyne ISCO Inc.
Waters Corporation

COATINGS

50-Contract research

Micromeritics Analytical Svcs

COMPUTER APPLICATIONS

56-Software

Abacalab
Accelerated Technology Lab
Simulations Plus, Inc.
Waters Corporation

CONSULTING, MANAGEMENT

57A-Executive Search

On Assignment Lab Support

58-Market research

The Guthertz Group, LLC

59-Patents

Banner & Witcoff, Ltd.

(continued on page 28)

THE INDICATOR-JUNE 2007

27

BUYER'S GUIDE - Products & Services

(continued from page 27)

CONSULTING SERVICES

- 65-Contract research**
Libra Technical Center, LLC
Poly(Chem-Tech)
XenoBiotic Laboratories, Inc.
- 65A-Contract testing laboratory**
Chemir Analytical Services
DuPont Analytical Solutions
Elemental Analysis Corp.
Galbraith Laboratories, Inc.
Schwarzkopf Microanalytical
- 66-Engineering**
Castagna Consulting Group, LLC
- 68-Forensic analyses**
Cargille Laboratories
Libra Technical Center, LLC
- 69-Infrared analyses**
Galbraith Laboratories, Inc.
Huffman Laboratories, Inc.
Libra Technical Center, LLC
Micron Inc.
NDE Analytical
- 72-NMR analysis**
Bruker Daltonics Inc.
Chemir Analytical Services
IQsynthesis
Spectral Data Services
Wilmad/Lab Glass
- 74-Organic chemistry**
Galbraith Laboratories, Inc.
IQsynthesis
- 74B-Pharmaceutical analysis**
Chemir Analytical Services
Galbraith Laboratories, Inc.
Libra Technical Center, LLC
Schwarzkopf Microanalytical
XenoBiotic Laboratories, Inc.
- 75-Polymers**
Chemir Analytical Services
NDE Analytical
Schwarzkopf Microanalytical
- 77-R & D**
Chemical Consultants Network
IQsynthesis
Libra Technical Center, LLC
Schwarzkopf Microanalytical
Utility Development Corp.
XenoBiotic Laboratories, Inc.
YourEncore, Inc.
- 80-Spectroscopy**
Chemir Analytical Services
Galbraith Laboratories, Inc.
NDE Analytical
Schwarzkopf Microanalytical
- 80A-Technology transfer**
Business Development Intl.

- 80B-Testing Laboratory**
Atlas Material Testing Technol
Galbraith Laboratories, Inc.
Matech Associates
Micron Inc.
NDE Analytical
Schwarzkopf Microanalytical
- 81-UV analysis**
Chemir Analytical Services
Galbraith Laboratories, Inc.

DETECTORS

- 84A-Discharge ionization**
GOW-MAC Instrument Co.
- 85-Flame ionization**
GOW-MAC Instrument Co.
- 86-Gas leak**
GOW-MAC Instrument Co.
- 87A-Thermal conductivity**
GOW-MAC Instrument Co.

ELECTRON MICROPROBE

- 88-Electron Microprobe**
Micron Inc.

ELECTRON MICROSCOPY

- 89-Electron Microscopy**
EDAX Inc
Micron Inc.

ENVIRONMENTAL ANALYSIS

- 90-Environmental analysis**
Bruker Daltonics Inc.
Schwarzkopf Microanalytical

ESCA SERVICES

- 91-ESCA services**
Micron Inc.

GENERAL EQUIPMENT

- 93-AA lamps**
Hellma Cells Inc.
- 100-Centrifuges**
Eastern Scientific Co.
- 105A-Deuterium Lamps**
Hellma Cells Inc.
- 106-Distilling Equipment**
Milestone, Inc.
- 107-Dryers**
Bel-Art Products
- 109-Evaporators**
Eastern Scientific Co.
Milestone, Inc.
- 110-Filters**
Avery Filter Co.
- 112-Freeze Dryers**
Eastern Scientific Co.

114-General Laboratory Equipment

- Glas-Col, LLC
- 115-Germicidal Lamps**
Hellma Cells Inc.
- 116-Glassware**
Q-Glass Co Inc.
Quartz Plus Inc.
- 118-Homogenizers**
Sonic & Materials
TRI/Princeton
- 119A-Labware**
Cargille Laboratories
Globe Scientific Inc
Milestone, Inc.
- 120A-Light Sources**
Hellma Cells Inc.
- 122-PID Lamps**
Hellma Cells Inc.
- 125-Presses**
International Crystal Labs
- 129-Pumps**
Eastern Scientific Co.
Fluid Metering, inc.
KNF Neuberger
- 133-Spectrophotometer cells**
Hellma Cells Inc.
- 134-Tungsten halogen lamps**
Hellma Cells Inc.
- 137-Vacuum equipment**
Eastern Scientific Co.

MICROSCOPES & SERVICES

- 144-Microscope accessories**
Cargille Laboratories
SPI Supplies
- 144B-Microscopes**
Agilent Technologies
Libra Technical Center, LLC

ORGANIC MICROANALYSIS

- 145-Organic microanalysis**
Huffman Laboratories, Inc.
NDE Analytical
Schwarzkopf Microanalytical

ORGANIC SYNTHESIS

- 146-Organic Synthesis**
Matrix Scientific
Milestone, Inc.
Organix Inc.

ORGANOMETALLICS

- 147-Organometallics**
Schwarzkopf Microanalytical

BUYER'S GUIDE - Products & Services

POLLUTION CONTROL

- 148-Instruments**
Bruker Daltonics Inc.
Rudolph Instruments
- 149-Standards**
Cambridge Isotope Laboratories

QUALITY CONTROL

- 151-Quality Control**
Alpha Mos America
Cargille Laboratories

RADIATION EQUIPMENT

- 152-Radiation Equipment**
Bruker Daltonics Inc.

SPECTROMETERS

- 166-Emission**
Jobin Yvon Inc.
- 168-Gratings**
Hellma Cells Inc.
- 169-IR**
Bruker Daltonics Inc.
- 171-IR & UV cells**
Hellma Cells Inc.

- 172-Mass**
Bruker Daltonics Inc.
U.S. Services, Inc.
Waters Corporation
- 173-NMR**
Bruker Daltonics Inc.

174-Raman

- Headwall Photonics, Inc.
174A-Raman cells
AABSPEC Instrumentation Corp

174B-Raman microscopy cells

- AABSPEC Instrumentation Corp

176-UV visible

- Hellma Cells Inc.

177A-X-ray Crystallography

- Bruker AXS Inc.

177B-X-ray Diffraction

- Bruker AXS Inc.

178-X-ray fluorescence

- Bruker AXS Inc.
Bruker Daltonics Inc.
Cargille TAB-PRO Corporation

EDUCATION & PUBLICATIONS

- 179B-Training & Education**
Excel for Scientists & Engineers
Pittcon 2007
Webassign.net

SUPPLIES

- 181-Solvents & Thinners**
Cambridge Isotope Laboratories



Exact Mass LC-MS
Exact Mass MS/MS
Unique SigmaFit™ Isotopic Analysis at 15,000 (FWHM) Resolution
Put the highest specs available on the bench in your lab!
Whether it's for metabolomics, synthesis products, or proteomics.
Call today to schedule a demonstration. 978-663-3660 X1149

Unique power[®] for discovery:
3 Dimensions of Exact Mass—the New micrOTOF-Q!
LC-MS/MS Confidence

micrOTOF-Q

BRUKER DALTONICS
Enabling Life Scientists using exact mass for better science™

www.bdal.com
See our website for worldwide sales and service contacts.

iQsynthesis
Custom Molecules for Life Sciences

Custom Synthesis Services
iQsynthesis, formerly Gateway Chemical Technology, provides customized chemical synthesis at milligram to kilogram quantities.

- Active Pharmaceutical Ingredients
- Analytical Reference Standards
- Precursors and Intermediates
- Degradants and Metabolites
- Agrochemicals
- Bio-organic Molecules
- Chiral Synthesis
- Combinational Platforms
- Process Development

iQsynthesis
11810 Borman Drive
St. Louis, MO 63146
314-991-1857
1-800-595-8882
www.iqsynthesis.com
info@iqsynthesis.com

INNOVATION | QUALITY

Professional/Product Directory

NMR SERVICE & ANALYSIS

1H, 19F, 15N-31P FDA, DEA REGISTERED

INEXPENSIVE **GLP COMPLIANCE**
RELIABLE **24-48 hr turnaround**

NUMARE SPECTRALAB INC

3551 Winding Road, Kinnersville PA, 18930-9543
Phone: 610-346-8660
www.eclipse.net/~numare/
email: numare@eclipse.net



SCHWARZKOPF Microanalytical Laboratory

Elemental & Trace Analysis
Organics, Inorganics
Organometallics
Metals by AA & Graphic Furnace
Functional Grps. - Mol. Wt.
Calorimetry
Total S. F. Halogens TOX
Coneg Testing Custom Analysis
56-19 37th Ave. Woodside, N.Y. 11377
(718) 429-6248
Schwarzkopfmicro@aol.com

Cargille **TAB-PRO** Corporation

Specialists in Tableting & Solids Processing
For XRF - X-ray Fluorescence
Copolywax E4
New superior Grinding Aid - Pellet Binder
Available as Powder and 4 Tablet Weights
For Data Sheet, R&D History, Prices
CargilleTabPro@att.net
4 E. Frederick Place, Cedar Knolls, NJ 07927
Phone: 973-267-8888 Fax: 973-267-7998

Chemical Analysis Services

CHEMIR
Analytical Services
• Materials Identification
• Deformulation
• Polymer Analysis & Testing
• Failure Analysis
• Consulting Services
800.659.7659
www.chemir.com

MATERIAL CHARACTERIZATION LABORATORY

A Unique Combination of State-of-the-Art Analytical Instrumentation & Expertise
GC/MS • HPLC • LC/MS • FTIR • TOC • AA
ICP-MS • XRD • XRF • AFM • SEM • TEM
York Center for Environmental Engineering & Science
www.ycees.njit.edu/labs
138 Warren Street
Newark, NJ 07102
Tel: (973) 596-5858
Fax: (973) 642-7170
NJIT
New Jersey Institute of Technology
A Public Research University

Professional/Product Directory

Case Consulting Laboratories, Inc.

Chemistry - Materials
• GLP Compliant Analysis • R & D
• Testing & Evaluation • Claims Validation
622 Route Ten
Whippany, NJ 07981
973-428-9666
www.case-labs.com info@case-labs.com

CHIRAL SEPARATIONS

LC and GC Columns
Methods Development
Processing
Advanced Separation Technologies Inc.
37 Leslie Ct, PO Box 297, Whippany, NJ 07981
973.428.9080 Fax 973.428.0152

Challenge Us With Your Synthesis Needs

Good quality, fast delivery service, amazing price, satisfaction guarantee. Any synthetic needs contact or visit us.
Syntask Laboratories Inc.
7 Deer Park Dr. Ste M5, Monmouth Junction, NJ 08852
Ph-732-355-9988, cell-848-525-9396
Fax-732-355-9980 www.syntasklabs.com
Email: syntasklab@verizon.net

Elemental Analysis

HUFFMAN
LABORATORIES, INC.
Quality Analytical Services Since 1936
Phone: (303) 278-4455
FAX: (303) 278-7012
chemistry@huffmanlabs.com
www.huffmanlabs.com
Problem Solving

ISSI Laboratories, Inc.

Voice: (732) 246-3930; Fax: (732) 247-4977
Email: <issi@pipeline.com>
Chromatography (HPLC, TLC, GC);
GC-MS and LC-MS; Isolation, Purification
And Identification of Unknown Substances;
Stability-Indicating Tests. GLP-Compliant.

Fast and Accurate Chemical Analysis

LC/MS/MS, GC, GC/MS, HPLC, CE, dissolution, Chiral separations, post column derivatizations, semi-prep purification, polymer analysis, impurity profiling, flavor/fragrance analysis, formulation development.
PRIMERA ANALYTICAL Princeton, NJ 08540
Fon: 609-921-7715 Fax: 609-921-7716
E: info@primera-corp.com W: www.primera-corp.com

NMR Service 500MHz

*Mass
*Elemental Analysis
NuMega Resonance Labs
Tel: (858) 793-6057

WANT MORE ARTICLES

When you tell our advertisers that you saw their ads here they have more confidence in our newsletter's viability as an advertising medium. They advertise more. This supports our many activities.



Prof./Product Directory

PROTECT Your Expensive Lab Work With Research and Development Record Books

STOCK RECORD BOOKS

B50D -- Fifty pages and fifty duplicates. 1/4 inch sqs. on right pages.

B100P-- 100 pages, 1/4 inch sqs. on right pages, 100 pages, 10 sqs. per inch on left pages

B200P -- 208 pages with 1/4 inch sqs. on right and left pages.

B200PH-208 horizontally lined right and left pages.

Books have instruction and TOCs. Page size 11 x 8 1/2. Hard extension brown cloth covers. Pages open flat.

\$15.00 each, F.O.B. Chicago

CUSTOM MADE BOOKS TO ORDER

SCIENTIFIC BINDERY PRODUCTIONS, INC

2612-18 W. Nelson, Chicago, IL 60618

Phone: 773-267-1129

Fax: 773-267-1218

www.scientificbindery88yrs.com

Career Opportunity

PROMOTE YOUR PRODUCTS AND SERVICES • ADVERTISE IN THE INDICATOR

The Indicator readership is New York and Northern New Jersey's largest source for chemical and biochemical buyers. *The Indicator* reaches more than 12,000 readers each month. It has been estimated that these buyers annually purchase more than \$6,000,000 of:

- EQUIPMENT
- SUPPLIES
- CONSULTING SERVICES

Placing an advertisement in *The Indicator* is the lowest cost method of reaching this select audience.

For further information and other options for promoting your company's products and services visit:

www.mboservices.net

Ad Index

ANALYTICAL

Astec	31
Bruker Daltonics Inc.	29
Cargille Laboratories	30
Case Consulting Labs., Inc.	31
Chemir Analytical Services	30
Chemo Dynamics, L.P.	21
Desert Analytics Laboratory	13
DuPont Analytical Solutions	22
Huffman Laboratories, Inc.	31
IQSynthesis	29
ISSI Laboratories, Inc.	31
Micron Inc.	12
New Jersey Institute of Technology	30
Numare Spectralab Inc.	30
NuMega Resonance Labs.	31

Primer Analytical Solutions Corp.	31
Robertson Microlit Labs	2
Schwarzkopf Microanalytical	30
Syntask Laboratories, Inc.	31

CAREER OPPORTUNITY

ACS-NY/NoJ Sections	32
---------------------------	----

EDUCATION

City University of New York	17
Waters, Inc.	9

EQUIPMENT

Eastern Scientific Co.	4
Mass Vac, Inc.	2
Rudolph Instruments	25

GENERAL

ACS-NY/NoJ Sections	17
ACS-NY/NoJ Sections	31
Scientific Bindery	32