Abstracts for the Dallas ACS Meeting Are Available for Download

Abstracts for the upcoming Dallas ACS meeting will soon be available on the Division web site. Follow the link below to download the MEDI abstracts for the Dallas ACS meeting:


ACS Division of Medicinal Chemistry
Quick Reference Guide to Services

Division Web Site: http://www.acsmedchem.org
Division Hall of Fame: http://www.acsmedchem.org/hofmain.html
Link to Division Newsletter Archive: http://www.acsmedchem.org/nl.html
Link to Archived MEDI Meeting Abstracts: http://www.acsmedchem.org/abstracts.html

ACS Web Page
http://portal.acs.org

Journal of Medicinal Chemistry
http://pubs.acs.org/journal/jmcmar

2014 Executive Committee Members

2014 Chair: Thomas E. Prisinzano
2013-2014 Program Chair: John E. Macor
2013 Vice-Chair: Wendy B. Young
Industrial Councilor 2013-15: Amy Ripka
Industrial Councilor 2012-14: William J. Greenlee
Academic Councilor 2014-16: Jane Aldrich
Academic Councilor 2012-14: David P. Rotella
Secretary/PR Chair 2014-16: D. Eric Walters
Membership & Intl. Chair: Patrick M. Woster
Treasurer 2012-14: Danny Lattin
2014 Past Chair: Joel Barrish

Contact information for all Division Officers appears at the end of this Newsletter.

Scientific Program for the Dallas ACS Meeting (Mar 15-20, 2014)

(ACS Abstract system now closed for this meeting)

SUN AM Small Molecules in Chemical Biology
SUN AM Neuropathic Pain
SUN AM General Oral Session I
SUN PM Young Investigators' Symposium
SUN PM General Oral Session II
SUN EVE Poster Session I and Social Hour
MON AM Tuberculosis: Biology and Emerging Therapeutics
MON AM G-Quadruplexes as Drug Targets
MON PM New Approaches to Third World Diseases
MON PM Chemical Oncology: Beyond kinases
TUES AM New Directions for TRP Channel Modulators
TUES AM Metabolomics in Drug Discovery
TUE NOON Lunch and Learn: Green Toolbox
TUES PM Exploiting the 3rd Dimension in Drug Design
TUES PM Therapies for Orphan Diseases
WED AM Bioavailability from Non-traditional Routes
WED AM Targeting Cancer Past the Blood Brain Barrier
WED AM General Oral Session III
WED PM First Time Disclosures
WED PM General Oral Session IV
WED EVE Poster Session II

Scientific Program for the San Francisco ACS Meeting (Aug 9-14, 2014)

(ACS Abstract system open until March 24)

SUN AM Polypaharmacology Drugs
SUN AM PAINS, Promiscuity, and Probes
SUN AM General Oral Session I
SUN PM New Approaches to Difficult-to-Drug Targets
SUN PM General Oral Session II
SUN EVE Poster Session I and Social Hour
MON AM Molecular Design & Drug-Target Binding Kinetics
MON AM Phosphodiesterase Inhibitors
MON PM Drug Discovery & Chemical Process Dev.
MON PM Glutamate-based Therapeutics for Depression
TUES AM Medicinal Chemistry Toolbox
TUES AM Inducing Proteasomal Protein Degradation
TUES AM Awards Symposium
TUES PM Design & Application of Affinity Probes
TUES PM Antibacterial Agents that Target FtsZ
TUES PM Increasing Efficiency in Med Chem
WED AM Orexin Antagonists for Insomnia and CNS
WED AM Targeting WNT Signalling Pathway
WED AM General Oral Session III
WED PM First Time Disclosures
WED PM General Oral Session IV
WED EVE Poster Session II
Matthew D. Disney To Receive the David W. Robertson Award for Excellence in Medicinal Chemistry

The American Chemical Society Division of Medicinal Chemistry is pleased to announce that Matthew D. Disney has been selected as the 2014 recipient of the David W. Robertson Award for Excellence in Medicinal Chemistry. The David W. Robertson Award for Excellence in Medicinal Chemistry, supported by Pfizer, Inc., is in memory of David W. Robertson, a widely respected, highly successful and creative medicinal chemist. The award is intended to recognize seminal contributions by young scientists to medicinal chemistry. Nominees, who must be age 40 or younger at the time of nomination, can be employed in academia, industry, government or by a private research organization and must be engaged in the research of biologically active substances. The nominee must have had a primary role in the discovery of a novel therapeutic agent(s), target(s), theoretical concept(s) in medicinal chemistry or drug discovery, and/or made a significant scientific discovery that enhances the field of medicinal chemistry. Dr. Disney will receive the award and give the award address in a Medicinal Chemistry Division Symposium on Tuesday, August 12, 2014, at the ACS National Meeting in San Francisco.

Dr. Disney is a Tenured Associate Professor in the Department of Chemistry at the Scripps Research Institute. His research program is developing transformative methods to design small molecule lead therapeutics targeting RNA from only sequence, potentially fulfilling the promise of personalized medicine. Matt Disney was born and raised in Baltimore, Maryland with his six brothers and sisters and is a product of the city’s Catholic school system. He earned a Bachelors degree in chemistry at the University of Maryland, College Park and Masters and Ph.D. degrees in Physical Chemistry at the University of Rochester with Doug Turner. He subsequently completed postdoctoral work on organic synthesis and chemical biology at the Massachusetts Institute of Technology and Eidgenössische Technische Hochschule Zürich with Peter Seeberger. Matt then started his academic career at the University at Buffalo, where he was promoted to tenured associate professor in 2010. The group moved to Scripps Florida in August 2010 where Matt is currently a tenured associate professor. Matt is an author of over 70 research publications and his research has received numerous awards including: Camille & Henry Dreyfus New Faculty Award, JD Watson Young Investigator Award, Research Corporation Cottrell Scholar Award, Camille & Henry Dreyfus Teacher-Scholar Award, The American Chemical Society Division of Carbohydrate Chemistry David Y. Gin Award, and The American Chemical Society Division of Biological Chemistry Eli Lilly Award.

Congratulations to Ken Jacobson!

We congratulate Kenneth A. Jacobson, Ph.D., a member of the MEDI Division and of the Medicinal Chemistry Hall of Fame, who has been named the 2014 recipient of the Goodman and Gilman Award in Receptor Pharmacology. This award is presented by the American Society for Pharmacology and Experimental Therapeutics (ASPET) for outstanding research in pharmacology of biological receptors. Dr. Jacobson was recently named Alternate Academic Councillor, 2014-2016, for the Division.
WHAT TOPIC WOULD YOU LIKE TO SEE AS A BMCL DIGEST ARTICLE?

If you have a suggestion for a topic that you would like to see, please contact Peter Bernstein at: BMCL_Digests@elsevier.com.
John Macor To Receive the Alfred Burger Award in Medicinal Chemistry

The American Chemical Society is pleased to announce that John Macor has been selected to receive the GlaxoSmithKline Alfred Burger Award in Medicinal Chemistry. The award is granted for outstanding contributions to research in the field of medicinal chemistry without regard to age or nationality.

Dr. John Macor earned his B.S. degree from the University of Notre Dame in 1982 and his Ph.D. degree in organic chemistry at Princeton University with Professor E. C. Taylor (1986). Dr. Macor’s career has spanned four different decades and three different pharmaceutical companies with significant contributions in each of them. He began his career at Pfizer (Groton, CT) in 1986 where he was engaged in a variety of CNS drug discovery efforts, moved to Astra Arcus (Rochester, NY) in 1994 focusing on cholinergic drug discovery, and then moved to Bristol-Myers Squibb in 1997 (Princeton, NJ), starting in cardiovascular and moving to neuroscience in 2001 and immunosciences in 2013. He assumed the role as Executive Director of Neuroscience Discovery Chemistry in 2002 (Wallingford, CT), and most recently, he was appointed Executive Director of Immunosciences Discovery Chemistry (2013, Lawrenceville, NJ).

Dr. Macor was a co-inventor of Relpax® (eletriptan), an anti-migraine agent during his time at Pfizer. He also discovered CP-93,129, a literature standard 5-HT1B receptor selective agonist and CP-122,288, a 5-HT1B/1D agonist that help to confirm the mechanism-of-action of the triptans. While at Astra, he was co-inventor of AZD0328, the first brain-penetrant, selective, full agonist for the α7 neuronal nicotinic receptors. At Bristol-Myers Squibb he led the teams that discovered BMS-346567 (a dual AT1/ET1 receptor antagonist presently in Phase 2 clinical trials as PS433540 for diabetic neuropathy), BMS-708163 (a gamma-secretase inhibitor for Alzheimer’s Disease that demonstrated beta-amyloid lowering in the cerebral spinal fluid of normal healthy volunteers in a Phase 1 clinical study), and BMS-927711, a potent CGRP receptor antagonist for the treatment of migraine. At present he is the inventor or co-inventor of one marketed drug (Relpax®) and a number of other compounds presently in clinical trials.

Dr. Macor has authored/co-authored over 135 peer-reviewed publications, is an inventor on more than 90 issued US patents, given more than 75 invited lectures, and has over 375 publications, issued US patents, invited lectures and external meeting presentations. His contributions in the syntheses of heterocyclic compounds, intramolecular 1,2,4-triazine Diels-Alder reactions, indole chemistry, and conformation restriction using heterocycles as bioisosteres in medicinal chemistry are widely cited in the literature. He has participated in and led teams in cardiovascular, metabolic, neuroscience, and inflammation projects, indicative of broad expertise, creativity and impact in medicinal chemistry and drug discovery. Dr. Macor chaired the 2002 Gordon Research Conference on Medicinal Chemistry and the 2006 Gordon Research Conference on Heterocyclic Compounds. Dr. Macor served as Editor-in-Chief of Annual Reports in Medicinal Chemistry for Volumes 42 – 46 (2006 – 2011). Dr. Macor was awarded the 2009 Scarborough Award in Medicinal Chemistry for medicinal chemistry accomplishments under the age of 50, was made an American Society Fellow in 2011 and is presently Program Chair of the Medicinal Chemistry Division of the American Chemical Society. Dr. Macor will receive the Alfred Burger award at the Fall ACS meeting in San Francisco, and will be inducted into the Medicinal Chemistry Hall of Fame in 2015.

Help Wanted: Social Media Volunteers

The Division currently has only a limited presence in social media. Other Divisions (Organic, for instance) make good use of this avenue to engage their members and potential members. If you have ideas, suggestions, or time & energy to invest in this area, please contact the Division Secretary, Eric (not a social media guru) Walters, at eric.walters@rosalindfranklin.edu or secretary@acsmedchem.org. This can be a great way to get involved with the Division!
Over 500 new monographs
Over 35% of the existing entries significantly updated
Over 1000 new structures
Over 10,000 monographs cover more than 18,000 compounds with 50,000 synonyms
Molecular weights recalculated with the latest IUPAC standards
New table showing non-proprietary name stems
Revised Periodic Table and Atomic Weight Tables
FREE one year’s online access**


**Individual purchasers only
We were saddened to hear of the passing of Richard A. Gibbs, Ph.D., Professor of Medicinal Chemistry and Molecular Pharmacology at Purdue University. Rich served the Division for many years, including a term as Chair in 2006. He was a member of the Long Range Planning Committee (2003-2004), and served as Academic Councilor from 2008 to 2013. Rich earned his B.S. degree at Johns Hopkins, and did his Ph.D. research with William Okamura at the University of California Riverside. Following postdoctoral study with Steven Benkovic at Penn State University, he joined the faculty at Wayne State University (1992 - 2001) before moving to Purdue. Rich is survived by his wife Barb.

NCI Diversity Screening Library

NCI is making available a diversity screening library of 83,000 compounds. A proposal is required and there is a charge to cover the cost of production. For further information, contact Dr. Raj N. Misra (misrara@mail.nih.gov) or go to http://next.cancer.gov/discoveryResources/resources_ndl.htm.

Annual Reports in Medicinal Chemistry

Volume 48 of ARMC was recently published. This outstanding resource is one of the benefits of Division membership, providing timely and authoritative reviews on topics such as central nervous system, cardiovascular, metabolic, inflammatory, pulmonary, gastrointestinal, and infectious diseases; oncology; topics in biology, drug design and discovery; case histories and new chemical entities.

Current MEDI members have online access to volumes 35-48. Unfortunately, accessing the online version is not very user-friendly (our publisher wants to limit access to members only). Here is the process.

First, you have to set up an account with the publisher. Instructions for doing this are available at http://www.acsmedchem.org/ARMC-online-instructions.pdf. These instructions also include telephone and email information in case you encounter any problems at this stage. You will need your ACS membership number, and your Division dues must be current.

The second step: you have to go to a DIFFERENT website (also listed on the instructions) to use the login credentials you created in step one. This is where some people run into trouble—they try to log in from the first web address. THAT NEVER WORKS!

2014 ACS GCI Pharmaceutical Roundtable Research Grant for Reduction of Amides

ACS GCI Pharmaceutical Roundtable's Medicinal Chemistry group is seeking to fund a one year R&D program targeting the identification and development of alternatives to the commonly employed stoichiometric hydride-based reagents or transition-metal catalyzed silane reductions, with a focus on substrates that are widely applicable to the pharmaceutical industry. Proposals are invited from public and private institutions of higher education worldwide. This collaborative project is intended for a student within the selected Principal Investigator's research group. One grant in the amount of $50,000 will be awarded to support execution of research for a period of 1 year. Deadline for receipt of proposals is June 4th, 2014 at 5 PM EDT (GMT-4).

Download RFP: 2014 ACS GCI Pharmaceutical Roundtable Research Grant for Reduction of Amides
Call for Nominations: The Philip S. Portoghese Journal of Medicinal Chemistry/Division of Medicinal Chemistry Joint Lectureship

To enhance the visibility of the Journal of Medicinal Chemistry within the medicinal chemistry community and strengthen ties between the Journal of Medicinal Chemistry and the ACS Division of Medicinal Chemistry, a lectureship named in honor of Phil Portoghese, Editor-in-Chief of the Journal of Medicinal Chemistry from 1972 to 2011, has been established. The objective of this lectureship is to honor the contributions of an individual who has had a major impact on medicinal chemistry research. The lectureship will be administered jointly by the Editor-in-Chief of the Journal of Medicinal Chemistry and the Division of Medicinal Chemistry of the American Chemical Society. The award will be funded principally by the Journal of Medicinal Chemistry (ACS Publications Division) and will consist of an honorarium of $3,000, a suitable plaque, and travel expenses.

Selection of the awardee will be made by a committee consisting of one Associate Editor of the Journal of Medicinal Chemistry (chosen by the Editor), one ACS member (chosen by the Chair of the Division of Medicinal Chemistry) and one member of the Journal of Medicinal Chemistry Editorial Advisory Board to be chosen jointly by the Editor and the Division. Awardee selection will be made by June 30, and the award address will be given at the fall National ACS meeting during the regularly scheduled award symposium. To further promote the prize and the journal, the winner will be asked to submit a Perspective article for publication in the Journal of Medicinal Chemistry.

Eligible candidates should meet the above criteria and have published at least one article in the Journal of Medicinal Chemistry. The Editor-in-Chief of the Journal of Medicinal Chemistry and officers of the Division of Medicinal Chemistry are not eligible for the award, nor is any member of the selection committee in the year in which the awardee is chosen. Nominations should include a current curriculum vitae for the candidate, a list of publications, a letter of nomination outlining the special achievements of the candidate, and a minimum of two additional letters of support. All nomination material should be sent electronically to the Secretary of the Division of Medicinal Chemistry, Eric Walters (eric.walters@rosalindfranklin.edu), by Monday, March 31, 2014.
Election Results

The American Chemical Society Division of Medicinal Chemistry held its annual election online from October 23 - November 15, 2013. There was also a membership vote on a proposed name change for the Division.

Wendy B. Young, Ph.D., was elected Vice Chair for 2014. She will serve one year as Vice Chair, followed by a two-year term as Program Chair, a year as Chair, and finally a year as Immediate Past Chair. Wendy is currently Director of Discovery Chemistry at Genentech in South San Francisco, CA. Previously, she was a Director at Celera Genomics and Scios/J&J. Wendy earned a B.A./M.S. degree in chemistry from Wake Forest University under guidance of Huw Davies, a doctoral degree in chemistry from Princeton University under the direction of E.C. Taylor and was an American Cancer Society Postdoctoral Fellow at Memorial Sloan-Kettering Cancer Center in the laboratory of Samuel Danishefsky. Wendy is an author on over 65 patent and research publications. Wendy has been an ACS member for over 20 years and was appointed to the MEDI Division Long Range Planning Committee for 2010-2012 and for a second term, 2013-2015.

D. Eric Walters, Ph.D., was elected Secretary and Public Relations Chair, 2014-2016. Eric is Professor of Pharmaceutical Sciences, and Associate Dean for Research, in the College of Pharmacy at Rosalind Franklin University of Medicine and Science. He has a secondary appointment as Professor of Biochemistry and Molecular Biology in the Chicago Medical School. Eric earned a B.S. in Pharmacy from the University of Wisconsin, and a Ph.D. in Medicinal Chemistry from the University of Kansas (working in the laboratory of Gary Grunewald). Eric is the author of 96 publications, 2 patents, and 4 books. His most recent book, The Sweetener Book, is a consumer’s guide to over 30 sweeteners.

Jane V. Aldrich, Ph.D., was elected Academic Councilor, 2014-2016. Jane is Professor of Medicinal Chemistry at the University of Kansas. She received a B.S. in biochemistry from Michigan State University and her Ph.D. in medicinal chemistry from the University of Michigan. She was an NIH postdoctoral fellow at the University of Minnesota where she began her research on opioid peptides with Dr. Philip Portoghese. She rose through the faculty ranks at Oregon State University and University of Maryland Baltimore prior to moving to the University of Kansas as a professor of medicinal chemistry in 2001. Dr. Aldrich has previously served the Medicinal Chemistry Division as Vice Chair, Chair, and Past Chair (2001) as well as on Division committees (Long Range Planning Committee 1995-1997, Graduate Fellowship Committee 1996-1998). In addition she has served on the editorial board of several journals, including the Journal of Medicinal Chemistry (2000-2004).

Also on the ballot was a proposal to change the name of the Division. This was a proposal from the Strategic Planning activity held in April, 2013. The ballot question was whether to retain the name Division of Medicinal Chemistry, or to change it to Division of Medicinal and Drug Discovery Chemistry. The balloting result was to retain the name Division of Medicinal Chemistry.
Dear Colleagues:

On behalf of the organizing and scientific committees, we invite you to participate in the 34th National Medicinal Chemistry Symposium, to be held May 18-21, 2014 at the Charleston Marriott in beautiful Charleston, SC. The meeting will feature an outstanding scientific program, and will allow you to enjoy the many attractions and Southern hospitality characteristic of Charleston. Conde Nast has named the city of Charleston the #1 tourist destination in America for 3 years in a row. NMCS 2014 will be held at the Charleston Marriott, located on the banks of the Ashley River adjacent to Charleston Harbor. This site offers a recently remodeled conference center, affordable housing and is convenient to the many attractions in Charleston. NMCS 2014 is the 34th in the series initiated in 1948, and the meeting continues to be a centerpiece conference sponsored by the ACS Division of Medicinal Chemistry. The scientific program features sessions covering the latest advances in medicinal chemistry, and is jointly sponsored by the Medical University of South Carolina and GlaxoSmithKline. We look forward to welcoming you to Charleston, and to an outstanding conference.

The conference website is now open at http://wizard.musc.edu/nmcs2014.html

NMCS 2014 Scientific Program

Sunday, May 18, 2014
Session 1: Targets Off the Beaten Path
Reception
Session 2: Novel Chemistries and Keynote

Monday, May 19, 2014
Session 3: Epigenetic Drug Discovery
Session 4: Hall of Fame Symposium
Poster Session

Tuesday, May 20, 2014
Session 5: Awards Symposium
Banquet

Wednesday, May 21, 2014
Session 6: Chemical Biology
Session 7: Hot Topics and IUPAC Richter Prize Lecture
Dallas ACS Meeting
Medi Lunch & Learn

Greening the medicinal chemistry toolbox: new strategies and reaction modifications

Tuesday, March 18th, 2014 – 12 to 2 PM – Room TBA

This session will feature brief presentations on the greening of chemical processes followed by a panel discussion providing perspective not only on general reaction evolution but also the practical day-in-day-out applications.

Panel members include:
- Prof. Neil K. Garg (UCLA)
- Dr. Helen Sneddon (GlaxoSmithKline)
- Daniel Richter (Pfizer)
- Dr. Stefan Koenig (Genentech/Roche)
- Dr. David Constable (ACS Green Chemistry Institute)

Tickets (which include a box lunch) may be purchased during registration, by returning to your registration after you are registered at any time, or during the conference.

CALL FOR PAPERS
248th NATIONAL ACS MEETING
San Francisco, CA, Aug 9-14, 2014
ACS Abstracts System open until March 24

You are invited to submit an abstract for a research presentation at the 246th National Meeting of the American Chemical Society, to be held Sept 8-13 in Indianapolis, IN. All abstracts should be submitted online using the ACS Abstract system, PACS, which is now open. The deadline for abstract submission will also be the deadline for submission of travel grant applications, as outlined elsewhere in this Newsletter. Please watch the ACS web site or the Division Homepage, located at:

http://www.acsmedchem.org/

for additional information. The MEDI scientific program and abstracts will be available for download 3-4 weeks prior to the meeting, and their availability will be announced by electronic mail. For more information on programming or abstract submission, contact the Program Chair, John Macor, at

john.macor@bms.com
Call for Nominations: The 2013 Robert M. Scarborough Award for Graduate / Post-Graduate Excellence in Medicinal Chemistry

The Robert M. Scarborough Graduate/Postgraduate Award for Excellence in Medicinal Chemistry is intended to recognize two current graduate student and/or postdoctoral researchers who have had a leading role in significant scientific discoveries in the field of medicinal chemistry. This award is in memory of Robert M. Scarborough, an accomplished medicinal chemist and inventor of drugs such as Natrecor® and Integritin®, and is sponsored by Portola Pharmaceuticals, Inc., a cardiovascular company founded by Dr. Scarborough. The awardees will present their research at the Fall national meeting of the American Chemical Society as a part of Division of Medicinal Chemistry programming, where they will receive a commemorative plaque, and a $500 honorarium. Awardees will also receive $500 to partially offset travel expenses to attend the meeting.

Candidates must be current graduate students or postdoctoral researchers at an academic institution, private or government research foundation and must have demonstrated a key role in and contribution(s) to a research project with direct medicinal chemistry applications and relevance. Nominees are expected to have demonstrated creativity and insight in medicinal chemistry and/or biology and possess pragmatic, empirical problem solving skills. A publication or presentation record that supports the candidate’s contribution(s) is helpful but not essential.

A completed nomination package includes a three-page research summary that highlights the candidate’s contributions, insight and problem solving skills; a short abstract of the presentation that the candidate will make if selected; the candidate’s curriculum vitae; and a letter of recommendation from the nominee's primary research advisor. These documents should be sent electronically as a single PDF file to Dr. Joel Barrish, Past Chair, Division of Medicinal Chemistry (joel.barrish@bms.com) by Saturday, March 15, 2014.
Invitation to Authors: *Journal of Medicinal Chemistry* Perspective Series

The Perspective series of the *Journal of Medicinal Chemistry* is designed to provide an enlightened appraisal of a field of research in which experts review the state-of-the-art for a given area or therapeutic target. Authors have editorial freedom to express their views on the strategic directions of the field of research. The Perspective series provides a forum with high visibility within the pharmaceutical industry and academia. We would like to identify a wide range of potential topics and authors to ensure that a Perspective article is published in every issue of the Journal. We would like the series to be useful to a broad range of scientists interested in the design, discovery and development of novel medicines. We invite you to submit an idea for a Perspective, along with a brief outline of what you will cover in the manuscript. We also welcome your input regarding potential topics of interest and authors for Perspective manuscripts. Please direct correspondence or calls regarding the series to:

William J. Greenlee  
MedChem Discovery Consulting  
115 Herrick Avenue  
Teaneck, NJ 07666-4106  
Phone (908)-463-5332  
william@william-greenlee.com

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**Division Archives Available On-line**

Division newsletters, scientific programs and abstract books dating to 2002 are archived online. These documents can be downloaded in pdf format through the Division WWW page:

http://www.acsmedchem.org

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**Division Travel Grants**

The Division of Medicinal Chemistry makes 14 grants of $600 - $1000 available annually to aid young chemists in presenting papers at the ACS National Meetings. Applicants must be ACS regular or student members, and not have previously received a travel award. Each University department can have only one awardee. Application deadlines are the same as the abstract deadline for each meeting. In order of priority, the following individuals will be considered for awards: Graduate Student, Postdoctoral Fellow, individual with less than five years post-Ph.D. experience. The scientific merit of the paper to be presented will also be considered. Send applications to:

John E. Macor, Ph.D.  
Bristol-Myers Squibb R&D  
5 Research Parkway  
Wallingford, CT 06492  
(203) 677-7092  
john.macor@bms.com

Awardees will be notified in sufficient time so that they can pre-register for the meeting. **All travel grant recipients are required to acknowledge the Division in a slide or on their poster as a condition of accepting the award.** Awards are made at the Division business meeting, which is held at each national meeting immediately before the Sunday night poster session and mixer. Address info and a complete application appears on the following page.
ACS Division of Medicinal Chemistry Student Travel Grants

APPLICANTS MUST SUBMIT AN ABSTRACT SEPARATELY VIA OASYS SYSTEM
The deadline for Travel Grant applications is the same as the abstract deadline for that meeting. All travel grant recipients are required to acknowledge the Division in a slide during oral presentations, or on their poster as a condition of accepting the award.

* Name of Applicant for Travel Grant ______________________________________________

* Degree: ___________________________ Year Obtained ______________________________

* Present Institution: __________________________________________________________________

* Department: _______________________________________________________________________

*E-mail Address: ___________________________________________________________________

* Work to be reported was (check one or more):
  a. Ph.D. Thesis  __________  
b. M.S. Thesis  __________  
c. Postdoctoral Fellowship  __________

*Supported by (indicate source of support for this work):
  a. Grant  __________________________  
b. Department  __________________________  
c. Other  __________________________

Send the completed application form and a copy of the OASYS abstract to:

John E. Macor, Ph.D.
Bristol-Myers Squibb R&D, 5 Research Parkway, Wallingford, CT 06492
(203) 677-7092
john.macor@bms.com
The ACS Division of Medicinal Chemistry annually awards a number of Predoctoral Fellowships. The awards are for predoctoral students in their third or fourth year of graduate study (second or third year of graduate study at the time of application) engaged in medicinal chemistry research in a Medicinal Chemistry, Pharmaceutical Chemistry, Biochemistry, or Chemistry department listed in the current ACS Directory of Graduate Research. Mentors for all applicants must be members in good standing of the Division of Medicinal Chemistry. The current amount of the award is $26,000.00. The Division annually funds one or more of these awards. In the past, additional awards have been sponsored by companies and through the generosity of members of the Division (Richard Silverman, Robert Vince, Thomas Perun).

Nominations should be submitted by the applicant’s Ph.D. advisor and should include a complete student curriculum vitae, including education and work experience; a student bibliography, including reprints of articles; a complete project description including rationale prepared by the candidate (five-page limit); transcripts of all post-high school work, including Graduate Record Examination scores (if available); three letters, including a nomination letter from the student's research advisor; and a letter from a university official with a commitment to cover tuition and all fees granted to other regular graduate students.

Applicants must be U.S. citizens or permanent resident visa holders at the time of application and must have at least one year of graduate school remaining at the time an award would begin (about September 1 each year). Additional information (including a complete set of guidelines) can be obtained from the immediate Past Chair of the Division, whose name and contact information can be found on the Division webpage, www.acsmedchem.org.

All application materials for the fellowship are to be submitted electronically to the immediate Past Chair of the Division. The deadline is March 15 each year.
The ACS Division of Medicinal Chemistry invites nominations for induction into the Division’s Hall of Fame, which was established by the executive committee in 2006. Inductees should be members of the Division who have made outstanding contributions to medicinal chemistry through research, teaching and/or division service, but who have not yet received one of the national Division awards (the Bristol-Myers Squibb Edward E. Smissman Award or the Division of Medicinal Chemistry Award), or an ACS award in medicinal chemistry (e.g. GlaxoSmithKline Alfred Burger Award or the E. B. Hershberg Award for Important Discoveries in Medicinally Active Substances). Those selected for induction will be senior investigators with long-standing records of achievement in medicinal chemistry. Up to three scientists will be inducted into the Hall of Fame each calendar year, and the honorees will be recognized at a reception at the Fall national meeting of the American Chemical Society. Inductees will also receive a plaque, and will be reimbursed for meeting registration, accommodations and travel expenses. Those honored by Hall of Fame membership are not excluded from receiving future Division or ACS awards as described above. Recipients of the Smissman and Division of Medicinal Chemistry awards are automatically added to the Hall of Fame roster, as are Burger and Hershberg award recipients who choose to present their award addresses as a part of medicinal chemistry division programming. More information about the Division of Medicinal Chemistry Hall of Fame is available on the Division web site at http://www.acsmedchem.org.

Any scientist in medicinal chemistry or a related discipline who is a member of the Division may submit nominations for potential Hall of Fame members. Hall of Fame nomination packets should include a letter of 1000 words or less from the primary sponsor that outlines the qualifications and achievements of the nominee, a copy of the nominee’s CV and his or her publication record. The primary sponsor should also append a letter of 1000 words or less written in support of the nomination from one additional individual. Nominations should be submitted by Saturday, May 31, 2014. Inductees will be selected by the Division executive committee. The names of new inductees will be announced on or before July 1, 2014. All nomination materials should be forwarded electronically to the 2014 Chair of the Division:

Thomas E. Prisinzano, Ph.D.
Department of Medicinal Chemistry
University of Kansas
4035 Malott Hall
Lawrence, KS 66045-7582
(785)-864-3267
prisinza@ku.edu
28th ANNUAL RESMED: RESIDENTIAL SCHOOL ON MEDICINAL CHEMISTRY AND BIOLOGY IN DRUG DISCOVERY

ResMed features lectures and case histories presented by an impressive faculty from a wide range of related disciplines.

Situated on Drew University’s beautiful campus in Madison, NJ, ResMed allows participants to establish contacts with colleagues from across the globe.

About ResMed

The 28th Annual ResMed: Residential School on Medicinal Chemistry and Biology in Drug Discovery is a week-long graduate level course organized to provide an accelerated program for medicinal chemists, biologists and other industrial and academic scientists working in medical research who wish to broaden their knowledge of drug discovery and development. The School’s aim is to concentrate on the fundamentals that are useful in drug discovery spanning initial target validation through clinical development.

Topics for 2014 ResMed

Principles of Med Chem: Rick Silverman, Ph.D. – Northwestern U.  
Enzyme Inhibition: Mark Namchuk, Ph.D. - Vertex  
Kinase Inhibitors: William Windsor, Ph.D. - Merck  
G-Protein Coupled Receptors: Craig Lindsley, Ph.D. – Vanderbilt U.  
Receptor Binding Assays: Christopher Haber, Ph.D. - Zoetis  
Drugs Affecting Ion Channels: David Triggle, Ph.D. – SUNY  
Epigenetics: Matthieu Schapira, Ph.D. – U. of Toronto  
Bioisosteres: Nicholas Meanwell, Ph.D. - BMS  
Hit-to-Lead Process in Drug Discovery: Craig Lindsley, Ph.D.  
Princ. of Lead Optimization: John Lowe, Ph.D. – JL3 Pharma  
Drug-like Properties: Li Di, Ph.D. - Pfizer  
Fragment-Based Drug Design – Miles Congreve, Ph.D. - Heptares  
Chemoinformatics: Kent Stewart, Ph.D. - AbbVie  
Molecular Modeling: Vincent Stoll, Ph.D. - AbbVie  
Structure-Based Drug Design: Vincent Stoll, Ph.D. - AbbVie  
Protein Binding: Randy Miller, Ph.D. - Merck  
Pharmacokinetics: Randy Miller, Ph.D. - Merck  
Drug Metabolism: Rick Morrison, Ph.D. - Merck  
Improving Drug Candidates by Design – Nicholas Meanwell, Ph.D.  
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