The Pittsburgh Section Mourns the Loss of Former Chair James Manner

The Pittsburgh Section suffered a great loss on October 23, 2012. Dr. James Manner was an active member of the ACS since 1964 and worked tirelessly on numerous, important projects. Most recently, he successfully updated our By-Laws and helped the section retain its 501-3c status, both time consuming and intensive tasks. Jim had the formal title of Councilor for the section for many years, but touched many lives and careers as counselor to untold numbers of new active members of the section. He was an unparalleled mentor. Jim’s guidance and contributions have helped our recent Section Chairmen perform their duties successfully.

Jim was active on the National Project SEED committee and worked every year to help the Pittsburgh Section’s Project SEED win national awards and recognition. His dedication to Project SEED had and will have long-reaching effects, especially with underprivileged youth in Pittsburgh. In the past five years alone, he won two ChemLuminary Awards for Project SEED and had served on the National ACS Project SEED committee. All of these accomplishments for the Pittsburgh Section are in addition to his distinguished career as a research chemist and his charitable work.

Here is a snapshot of Jim’s history with the ACS:

AKRON SECTION
Chair-Elect and Program Chair – 1989

PITTSBURGH SECTION
Chair – 2010; 2006
Alt Councilor – 2007
Chair-Elect – 2005
Treasurer – 2004

ACS NATIONAL
Committee on Project SEED
Member – 2010-2013 (2012)
Associate – 2009

Jim’s life was so full and his heart was so large that we would need an entire Crucible newsletter to properly convey his impact. Here is a snapshot of Jim’s history with the ACS:

Here is a snapshot of Jim’s history with the ACS:

The Pittsburgh Section Mourns the Loss of Former Chair James Manner

Continued on Page 4
Pittsburgh Section Announces 2012 Pittsburgh Award Winner, Peter Wipf and 2012 Distinguished Service Award Winner, Richard Danchik

The Pittsburgh Section of The American Chemical Society is pleased to announce Dr. Peter Wipf as recipient of the 2012 Pittsburgh Award and Dr. Richard Danchik as recipient of the 2012 Distinguished Service Award winner.

Peter Wipf was born in Aarau, Switzerland. He received his Dipl. Chem. in 1984 and his Ph.D. in 1987 from the University of Zürich under the direction of Professor Heinz Heimgartner. After a Swiss NSF postdoctoral fellowship with Professor Robert E. Ireland at the University of Virginia, Wipf began his appointment in the Department of Chemistry at the University of Pittsburgh in the fall of 1990. Since 2001, he is also a Professor of Pharmaceutical Sciences, and in 2004 he was named a Distinguished University Professor of Chemistry. He currently serves as the Director of the Center for Chemical Methodologies and Library Development (UPCMLD) and a Co-Leader of the UPCI Molecular Therapeutics and Drug Discovery Program. Among recent awards, Wipf is a recipient of the ACS Ernest Guenther Award in the Chemistry of Natural Products (2009), the ISHC Katritzky Award in Heterocyclic Chemistry (2003), and elected as a Fellow of the American Chemical Society (2010) and a Fellow of the Royal Society of Chemistry (FRSC, 2004). He is an Associate Editor for ACS Medicinal Chemistry Letters, a Series Editor for The Chemistry of Heterocyclic Compounds, and a Member of the Editorial Board of Organic Reactions, in addition to several other editorial and scientific board memberships. Peter Wipf’s research focuses on the total synthesis of natural products, organometallic and heterocyclic chemistry, diversity-oriented synthesis, medicinal chemistry and computational chemistry. At the center of his research program is the study of chemical reactivity and the use of synthesis to augment the chemical toolbox and develop new therapeutic strategies. A major emphasis involves the efficient preparation of polyfunctionalized nitrogen-containing building blocks for biological screening and natural product analog & total synthesis. The discovery of fundamentally new reaction pathways is stimulated by exploratory studies of transition metal complexes, in particular zirconocenes, and strained rings. One of his compounds, a PI-3 kinase inhibitor, is currently in Phase II clinical trials in the US and Canada. He and his group have published ca. 440 papers, book chapters and patents. He has mentored ca. 300 undergraduate, graduate and postdoctoral students and staff at Pittsburgh.

The Pittsburgh Section ACS has chosen Dr. Richard Danchik for the 2012 Pittsburgh Section ACS Distinguished Service Award. Rich has been a long time contributor to the section as a Chair (1991) and many years as a devoted Councilor (eleven) and ACS Affairs Committee Chair to our local section. Rich is also active in the National ACS and is a member of the International Activities Committee (1991-2000; 2005 to present) and was a Subcommittee Chairman of the Meetings and Exposition Committee (2000 -2006). As Section chair, Rich was instrumental in turning around the financial problems facing the Crucible. Rich was also instrumental in fund raising of money for the Pittsburgh Central Regional Meeting in 2003. The meeting was operated at a financial positive income to the section. He currently is involved in fund raising for the upcoming 2014 CERM in Pittsburgh.

Dr. Danchik received his B.S. in Chemistry from Duquesne University and earned his Ph.D. in Analytical Chemistry from Wayne State University. He joined ALCOA in the Analytical Chemistry Division of Alcoa Laboratories where his research interests included atomic absorption spectrophotometry, electroanalytical techniques, selective ion electrodes and the development of automated process control systems.

Dr. Danchik became Manager of ALCOA’s Environmental Health Laboratory and had the responsibility for the development of new methodology and instrumentation in the field of industrial hygiene chemistry. He also managed the development and operation of the Laboratory. He is now consulting in the areas of analytical chemistry, environmental and industrial hygiene chemistry.
American Chemical Society Pittsburgh Section

2012 PITTSBURGH AWARD BANQUET
TUESDAY • DECEMBER 11, 2012

Honoring
2012 Pittsburgh Award Recipient
Peter Wipf

&
2012 Distinguished Service Award Winner
Richard S. Danchik

DoubleTree by Hilton, Pittsburgh – Green Tree
500 Mansfield Avenue • Pittsburgh PA 15205

Social Hour 6:00 PM • Dinner 6:45 PM
Award Presentations 7:45 PM

Cost: $40.00 ($20.00 Student or Post-doc)
Cash Bar • Free Parking

The Award Presentations are free and open to the public.

Registration & payment must be received by Dec. 4th
Mail this registration form and check (made payable to “Pittsburgh Section ACS”) to:
Jay Auses • Chevron Science Center • Room 244 • 219 Parkman Avenue • Pittsburgh, PA 15260

Name_________________________________________________________________________________________________
Address______________________________________________________________________ State _______  Zip __________
E-mail_________________________________________________________________________________________________
Affiliation:________________________________________________________________________________________________

Please Indicate Meal Choice:   _____Citrus Herb Orange Roughy (w/Lemon Zest, Thyme Aioli, Asian Rice)
____Top Sirloin Beef (Sliced w/Mushroom Demi Glaze, Sour Cream Potatoes)
____Pasta Primavera (Penne Pasta w/assorted Vegetables in Garlic Cream Sauce)
Professor Subha Das Presents at October Chem Ed Group Meeting

On October 10, 2012 Professor Subha Das presented a lecture to 17 members of the Chem Ed Group after a delicious dinner from Salim’s Middle Eastern Food. The event was hosted by Central Catholic High School and Bro. James Muffley. Professor Das shared lessons from his lecture and laboratory course called “The Kitchen Chemistry Sessions: Molecular Cuisine to Make Science Palatable.” Participants tasted samples of a variety of foods that were prepared in the lab. Foods included mini BLTs prepared with a rendered bacon fat and maltodextrin mixture sprinkled on a lettuce and tomato topped cracker, chocolate mousse made by whipping up melted dark chocolate and water, raspberry lemonade air made by whisking a small amount of lecithin into the lemonade, fizzy carbonated fruits were the result of dry ice mixed with raspberries and grapes in a sealed container, and chocolate cake made in a microwave. It was a delicious educational experience.

Manner Continued from Page 1

his achievements. Nevertheless, his published obituary is a superb summary of his career and life.

James A. "Jim" Manner, 76, of Monroeville, originally of Sandusky, Ohio, formerly of Akron, Ohio, passed away Tuesday, Oct. 23, 2012. He was the beloved husband for 44 years of Barbara Manner; loving father of Jason (Tricia) Manner and Rachel (Shannon) Knapp; proud grandfather of Jacob, Austin, Gracie, Kailyn, Abbey and Baylor James; and dear brother of Theresa and Rosemary. James is also survived by a large extended family. Jim received his bachelor’s degree from Bowling Green State University, a master's degree from Michigan State and his PhD from the University of Akron, where he also taught chemistry. James worked for PPG Industries as a research chemist for more than 40 years, where he received a number of awards. Jim also held ten United States patents. After retiring, Jim took on the role as the director of Cross Roads Food Pantry beginning in 2000. He was a member and chair of the Society of Analytical Scientists of Pittsburgh (SACP), a member of the Spectroscopy Society of Pittsburgh, a counselor and member of the American Chemical Society and served on the board of the directors for Pittcon. James was an avid traveler and golfer, but his favorite activity was spending time with his family, especially his grandchildren.

Jim will surely be missed.

Greater Pittsburgh Area WCC Raises over $1000 for the Young Women's Breast Cancer Awareness Foundation

The Greater Pittsburgh Area WCC has raised over $1000 to donate to the Young Women's Breast Cancer Awareness Foundation at Magee Hospital. A special thank you to Mario's East Side Saloon, who donated 10% of all top floor sales the evening of our fundraising event. If you wanted to purchase one of the fundraising t-shirts but weren't able to, we purchased a few extra when we submitted a reorder and they are available now. You can see the logo on our web site at: www.pitt.edu/~pghwcc/events.html. Please contact the WCC Chair, Michelle Ward, at muscat@pitt.edu with any questions.
Society for Analytical Chemists of Pittsburgh

January Meeting

Monday, January 7, 2013
8:00 PM
Duquesne University
Pappert Hall

“The Macondo Oil Spill: Tar Ball Analysis”

Alan G. Marshall, Ph.D.
Florida State University
“2012 Pittsburgh Analytical Chemistry Award Recipient”

Dinner Reservations:
Please email the SACP Administrative Assistant, Valarie Daugherty at daugherty@pittcon.org by Wednesday, January 2, 2013 to make dinner reservations. Should you not have email, please call 412-825-3220, ext 204. Dinner will cost $8 ($4 for students) and checks are to be made out to the SACP. If you have any dietary restrictions, please let Valarie know when you leave message.

Parking:
Duquesne University Parking Garage entrance is on Forbes Avenue. Upon entering the garage, you will need to get a parking ticket and drive to upper floors. Bring your parking ticket to the dinner or meeting for a validation sticker. Please contact Duquesne University, if any difficulties should arise.

Attention: Speakers Wanted

The Pittsburgh Section of the American Chemical Society is establishing a local speakers bureau and we would like for you to consider joining.

The speakers bureau will be available on our website and will facilitate the connection between those organizing symposia and speakers from our area.

If you would like to be listed in the Bureau, please provide the following information:

• Name
• Affiliation
• Contact Information:
  Mailing Address
  Website (if applicable)
  Email address
  Phone
• Keywords/categories related to expertise (up to 5)
• Current CV/Resume (in pdf format)

Any questions should be directed to the Pittsburgh Section Chair, Michelle Ward (muscat@pitt.edu or 412-624-8064)
Micron Analytical Services
COMPLETE MATERIALS CHARACTERIZATION
MORPHOLOGY CHEMISTRY STRUCTURE

SEM/EDXA • EPA/WDXA • XRD XRF • ESCA • AUGER • FTIR • DSC/TGA
Registered with FDA • DEA • GMP/GLP Compliant

3815 Lancaster Pike Wilmington DE 19805
E-Mail micronanalytical@compuserve.com
Voice 302-998-1184  Fax 302-998-1836

Dues Only $5.00, Call Valarie Daugherty 412-825-3220 Ext. 204 Right Now!

Spectroscopy Society of Pittsburgh
• Professional Networking within the Spectroscopy Community
• Monthly Symposia by Prominent Researchers
• Promoting Science Education
To join call Jenna: 412-825-3220 ext 212

Society for Analytical Chemists of Pittsburgh
calling New Members
Dues Only $5.00, Call Valerie Daugherty 412-825-3220 Ext. 204 Right Now!

Robertson Microlit Laboratories
Where speed and accuracy are elemental

Elemental CHN, S, X, Analysis (same day service)  Bioavailability
Metals by ICP-OES, ICP-MS, A/A  Polariometry
FTIR, UV/VIS Spectroscopy  DSC, TGA, melting point
Ion Chromatography  KF Aquametry, Titrimestry

1705 U.S. Highway 46  •  Suite 1D  •  Ledgewood, NJ 07852  •  973.966.6668  •  F 973.966.0136
www.robertson-microlit.com  •  email: results@robertson-microlit.com

Rapid Results • Quality • Accuracy • Competitive Pricing

NMR Service 500 MHz
*Mass  *Elemental Analysis
NuMega Resonance Labs
numegalabs.com  P-858-793-6057

Get Connected!
Stay up-to-date on all the happenings of the Pittsburgh Section ACS

Section’s Website: www.pittsburghacs.org
Facebook Page: Pittsburgh Section of the American Chemical Society
Linked In: Pittsburgh Section of the American Chemical Society
Volunteers Needed!
There are a number of volunteer opportunities in the Pittsburgh ACS section! If you are interested in volunteering, please contact Heather Juzwa at hljuzwa@shimadzu.com!

Crucible Deadline
The deadline for items submitted to The Crucible is the 1st of the month prior to publication.

For example, all items for the January 2013 issue must be to the editor by December 1, 2012.

The Crucible
The Crucible is published monthly, August through May. Circulation, 2,500 copies per month. Subscription price, six dollars per year. All statements and opinions expressed herein are those of the editors or contributors and do not necessarily reflect the position of the Pittsburgh Section.

Editor: Traci Johnsen
124 Moffett Run Rd.
Aliquippa, PA 15001
Phone: 724-378-9334
tracjohnsen@comcast.net

Advertising Editor: Vince Gale
MBO Services
P.O. Box 1150
Marshfield, MA 02050
Phone: 781-837-0424
cust-svc@mboservices.net

PROMOTE YOUR PRODUCTS AND SERVICES • ADVERTISE IN THE CRUCIBLE
The Crucible readership is greater Pittsburgh’s largest source for chemical and biochemical buyers. The Crucible reaches more than 3,000 readers each month. It has been estimated that these buyers annually purchase more than $150,000,000 of:

- EQUIPMENT
- SUPPLIES
- CONSULTING SERVICES

Placing an advertisement in The Crucible 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
**The Crucible**

*A newsletter of the Pittsburgh Section of the American Chemical Society*

124 Moffett Run Rd.
Aliquippa, PA 15001

---

**Pittsburgh Area Calendar**

**Tuesday, December 11**

**2012 Pittsburgh Award Banquet**

*Honoring 2012 Pittsburgh Award Winner Peter Wipf & 2012 Distinguished Service Award Winner Richard Danchik*

DoubleTree by Hilton Pittsburgh - Green Tree, 500 Mansfield Ave., Pittsburgh, PA

**Monday, January 7**

**Society for Analytical Chemists of Pittsburgh**

*“The Macondo Oil Spill: Tar Ball Analysis”*

Alan G. Marshall, Ph.D., Florida State University, 2012 Pittsburgh Analytical Chemistry Award Recipient

Duquesne University, Pappert Hall, Pittsburgh, PA

---

Additional chemistry related seminars and events in the Pittsburgh area can be found on the Pittsburgh Section’s website at [www.pittsburghacs.org](http://www.pittsburghacs.org)