



The Chemical Consultant

Association of Consulting Chemists and Chemical Engineers, Inc.

Scientific, Engineering, Business & Management Consultants

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FUTURE MEETINGS

JAN 30, 2012

Snuffy's Restaurant
Scotch Plains, NJ

Prof. Peter F. Strom, PhD
"Bioremediation: What It
Can Do, and What It Might
Cost"

6 p.m. Networking/Cash Bar;
6:30 p.m. Dinner;
7:30 p.m. Presentation

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ABOUT THE ASSOCIATION

The Association of Consulting Chemists & Chemical Engineers (ACC&CE) is a network of senior-level consultants with a broad range of functional expertise and many years of experience in the chemical and allied industries.

The purposes of the organization are:

To furnish support to its members as they conduct their consulting practices.

To offer prospective clients a "clearing house" which they can use to find the most qualified consultants or team of consultants whatever their particular problem may be.

This newsletter is intended to support those purposes as well as to educate prospective new members and prospective client organizations about ACC&CE, and how we can be most helpful to them.

The ACC&CE has an interactive website – www.chemconsult.org, that allows prospective clients either to input their problem or to search for those consultants most skilled in their area of concern.

IN THIS ISSUE

In this issue, we have letters both from our Executive Director, John Bonacci and by our President Richard Goodman. Furthermore, we are welcoming a new member to the organization. John Fetzer. You can learn about him on page 5

On page 7, you can read about the speaker and the program being presented at our January 30th dinner meeting. Also appearing in this newsletter is another article submitted by John Bonacci discussing the subject of Data, an item of importance to all consultants and most technical (and non-technical) people..

Finally, on page 11, your editor discusses other ways we are trying to attract attention of the public to ACC&CE. We need the help of every member to make this a success.

As always, we welcome and even urge comments and alternative views from our readers.

MESSAGE FROM THE EXECUTIVE DIRECTOR

John C. Bonacci, Ph.D. P.E., U.S. Patent Agent (Certificate #821) and the Executive Director of ACC&CE

Here is a brief update for this first Newsletter of the 2011-2012 fiscal year. I must start by thanking Joe Porcelli for the great effort on these Newsletters as they are a mainstay. I will continue to push for any ACCCE promotional effort we can accomplish in the coming year. I hope all of you will let me know how I am doing in this struggle I volunteered for and the Council assigned to me. Members like Steve Duerr and Dan Kruh for Treasury and Membership have had the most to put up with as I learn the system.

All of you members who sent in your dues early (~75% of you) are to be thanked. Because of you we can proceed more assuredly in this first year of increased volunteerism and lower dues, etc.

We still need more speakers for Tom Borne's meetings effort and we need to know who wants to advertise in these Newsletters.

We did have one significant CHI in the past few months and are looking for more. The members have so much to offer clients in need.

Last I must mention that the website gets numerous hits. My task is to separate those out that could be of greater interest to all of you without a great burden of e-mails. President Richard Goodman and the Council will try to help me sort that out in the coming months. So I am confident this organization has a lot to offer and we will do it.

Written by: John Bonacci

LETTER FROM THE PRESIDENT

With this newsletter ACC&CE ends the year 2011. The great news is that we have survived the potential demise of the organization. At this most appropriate time of the year let us give thanks to the good efforts of John Bonacci as Executive Director (on a most modest remuneration), Joe Porcelli as Newsletter editor and overall contributor, Tom Borne as VP and Program Chair, Dan Kruh as board member and Membership Chair, Jim Divine as our new webmaster, Steve Duerr as Treasurer and the rest of our board and membership. Financially the new structure and the \$75 dues seem to be in good balance and we should be able to continue forward for a while. But we still need to find a way to increase membership.

One of my goals for the next year is to inquire of the three-quarters of the membership who never come to meetings in New Jersey why they have stayed with ACC&CE. Do “we “ get inquiries through the website? Do we find opportunities because the ACC&CE certification carries meaning to potential clients? Is it mere nostalgia for a more glorious past? Is there some other reason I haven’t touched upon? With this note I am formally soliciting from the 75% what are their reasons and most important do they see a way that we can leverage these in an ad campaign to attract new members. Certainly our new modest \$25 first year membership fee should be attractive. Let me hear from you.

It has been a good run as President , ACC&CE, these last 27 months. ACC&CE is into a new mode of operation. We have excellent people in key “volunteer” roles who really do the work of the organization. For personal reasons I am making a move to a “semi-retirement” location near Washington, DC about March 1, 2012. As of that date I resign as President but, of course, remain a member looking for occasional consulting work. But the job of President should be held by someone near enough to New Jersey to meet in person with the bulk of the Board. I will leave it to our by-law procedure to find a replacement as President. Thank you all for your support over these years.

Richard M. Goodman

Edward Richman, Ph.D.
President



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NEW MEMBER INFORMATION

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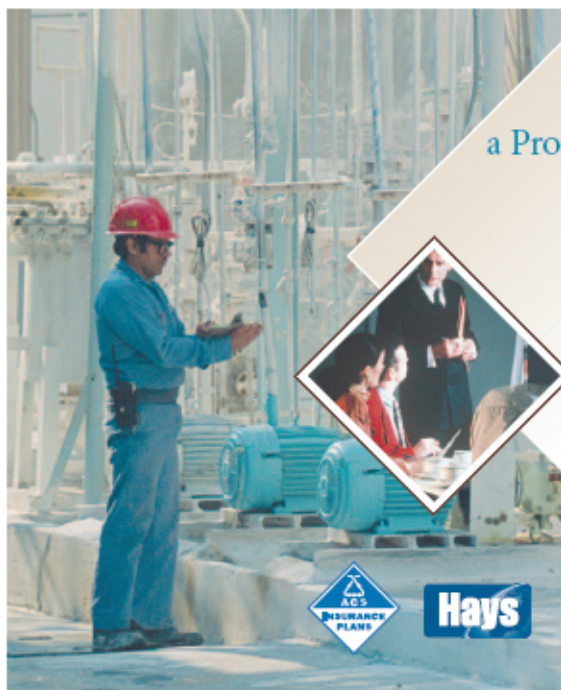
Dr. John C. Fetzer has over 30 years experience in the areas of the chemistry and analysis of petroleum and the various products made from it. He is considered to be a world-class expert in the polycyclic aromatic hydrocarbons (PAHs), in chromatography, and in molecular spectroscopy.

Editor's Note: John sent an email to Dan Kruh, our Membership Chair, upon being accepted as a new member. Excerpts from that email follow.

“Thank you very much, Dan, and hello and seasons greetings to everyone. The most compelling things about ACC&CE are the value system. I have always viewed the clients' needs as foremost and above the earning of the business I do. Even in my own research and other laboratory collaborations, it has been cooperative, collaborative, and a sharing effort. I think nothing of referring work away to someone more suited for a client. That builds a solid reputation and has sustained my work in the long term. It is also the type of value system I lecture and write of in my efforts on career-development and management for scientists.”

Thank you very much for your kind words, John, and we shall make every effort to live up to and even exceed your expectations.

Joe Porcelli, Editor



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Presentation on January 30, 2012

Location: Snuffy's Restaurant, Park & Mountain Ave.(Rte 22E), Scotch Plains, NJ

Title: "Bioremediation: What It Can Do, and What It Might Cost"

Speaker: Prof. Peter F. Strom, PhD

Bioremediation may be a preferred technology for site remediation in many cases because of the potential cost savings – especially where it can be applied in situ. Under what conditions is bioremediation feasible today? What are the limitations? How might the range of acceptable situations be expanded in the future? This discussion will introduce bioremediation as one among several alternatives for contaminated sites, including its potential benefits and limitations. Its promise for coal tar (creosote) contaminated sites will be discussed. Additionally, the possibility of using cometabolism to make additional contaminants (such as polychlorinated biphenyls and trichloroethylene) amenable to treatment will be presented.

Peter F. Strom (strom@aesop.rutgers.edu) is a Professor of Environmental Science (www.envsci.rutgers.edu) at Rutgers, The State University of New Jersey, School of Environmental & Biological Sciences, where he has been a member of the faculty since 1980. He has a B.S. in Physical Sciences from MIT (1971), and an M.S. (1975) and Ph.D. (1978) in Environmental Science from Rutgers. He has been a researcher (1977-1980) at the Sanitary Engineering Research Lab, Univ. of California at Berkeley, and a Visiting Scholar (1989-1990) at Michigan State Univ. He teaches advanced graduate and undergraduate courses in Biological Waste Treatment and Hazardous Waste Management as well as introductory courses in Environmental Science. His research has focused on the microbial ecology of the biological treatment of wastes.

Dr. Strom is a member of the Water Environment Federation (since 1975), American Society for Microbiology (1974), New Jersey Water Environment Association (1980), Association of Environmental Engineering and Science Professors (1981), and International Association on Water (1986). He has co-authored a textbook (Environmental Biology for Engineers and Scientists, by Vaccari, Strom and Alleman, Wiley Interscience, 2006) and over 250 scientific papers and presentations, and is co-recipient of two patents and two national awards: the Harrison Prescott Eddy Medal of the Water Environment Federation for research, and a National Recycling Congress Award for a leaf composting facility. Locally, he was a winner of the 1996 Team Award for Excellence in Research at Cook College, the NJWEA Operator Educator Award in 2001, and the 2002 Cook College Teaching Excellence Award. He was inducted as a member of the NJ Select Society of Sanitary Sludge Shovelers in 1997. At Rutgers he was previously the Graduate Program Director and is presently the Undergraduate Program Director for Environmental Science.

Time: 6 p.m. Networking/Cash Bar; 6:30 p.m. Dinner; 7:30 p.m. Presentation

Registration: \$30 ACC&CE Members; \$45 Non-members

To Reserve: Call John Bonacci at —(908) 464-3182 or e-mail: accce@chemconsult.org

DATA: WHO HAS IT AND HOW TO USE IT

This article is submitted by John C. Bonacci, Ph.D. P.E., U.S. Patent Agent (Certificate #821) and the Executive Director of ACC&CE

In current arguments or discussions, we often hear about data. Who has it and who doesn't? I believe everyone usually has more than enough data if they want to look for it. My idea here is a concept from a book strangely titled, "The Monster Under the Bed". The basis has to do with a child's nightmares and I won't go into it here.

I have made some emphasis and discussion to suit my purpose and have copied the concept.

Basically the premise is:

Data- needs to be analyzed and worked with

Information- in the form of tables, graphs, charts, etc. which can also be analyzed leading to

Knowledge- which comes from assessing the information and the presentation points made which then results in

Wisdom- which, of course knowledge should bring forth.

I would hope that after these sequential exercises, one could start to take the proper *actions*.

We in the technology and science professions operate in an analytical mode. Our approach can also be sequenced as (1) stating the situation analysis followed by (2) key issues then (3) objectives and strategies in order to achieve (4) good problem solving results. Law school teaches a similar analytical procedure called IRAC (Issue, Rule, Analysis, and Conclusion).

Politicians don't seem to utilize any of these analytical processes because they are just that –i.e. politics-people not issues-people. Even if they were to adopt an analytical methodology, partisan politics would prevail over problem solving or be used with a targeted agenda to undermine logical scientific analysis.

When you recognize data and come from an issues approach, you can more easily define a problem and typically break it down into smaller parts. It stands to reason that smaller parts of problems can be solved more easily and then the total picture can evolve.

Most of the consultants in the *ACCCE* use these proper techniques, so clients can ask us to help and expect good results.

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From the Editor— Spreading the Word about ACC&CE

By Dr. Joseph V. Porcelli (Certificate #906)

In the last Newsletter, I described some of the changes we are making to find a new business model for ACC&CE, that will improve the success of our present members, and be attractive to prospective new members. Our drastically lowered dues have begun to attract some attention, and much more needs to be done to spread the word to prospective new members. It is not enough to lower the cost of membership; we need to increase the rewards of membership, and I want to call on the brainpower of all of our readers to come up with new initiatives.

In the last year or more, Tom Borne, our Vice President and Programming Chair, has found a number of interesting speakers who have addressed a small core of members in the New York/New Jersey area. We are endeavoring to do a better job of publicizing these talks, and one avenue is to collaborate with other groups with similar interests, which do similar types of programming.

Another approach I would like to implement is an effective use of LinkedIn as a way to get more people acquainted with consulting in general, and ACC&CE in particular. We currently have a group established and we are beginning to ask folks to join it. Any of our readers, whether or not they are dues-paying members of ACC&CE are welcome to join our LinkedIn group. Once we have a large enough enrollment, we intend to establish a sub-group “for members only”. That will give those of us who are members a simple way to communicate with one another, while the larger general group will benefit from announcements and other relevant content. PLEASE JOIN LINKEDIN AND THEN APPLY TO JOIN OUR GROUP.

To join Linked In, just click on www.linkedin.com. Once you have joined, go to the search box at top right—click on the dropdown menu and choose groups. Then, type in Consulting Chemists (*it must be plural*), and our group should appear. Follow the instructions to join. We will welcome you! Or, you may be able to scroll through the groups—ACC&CE is close to the top of the list alphabetically.

We must follow every lead to attract prospective clients and prospective members to review our website and consider attending our events where possible, and joining our association. We are considering advertising our organization in one or another periodical, we may try some focused letter writing as well. Please help us with your ideas.

Thank you.

Joe Porcelli

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