

## In memory of Jack Cazes

I am sorry to report that on February 16, 2010, Jack Cazes, editor of this journal, passed away. The news was not only sad, but caught the scientific community unprepared for such a loss. Jack was one of the best editors I ever knew.

I met Jack Cazes for the first time in the late 1980's when I was working on my book Modern TLC which was to appear in his series "Chromatographic Science." When it looked like there was a production problem, I called Jack. He promised me that he would take care of the problem. He went to the publisher, and read the entire book in one day. Following that, the book was quickly published and received very nice reviews. At the time I was struck by Jack's modesty, and his reassuring manner, which inspired much confidence. I later came to understand that this was the way he dealt with everyone and that was not unique to me.

Later on, he asked me to join the board of the Journal of Liquid Chromatography and Related Technologies and to guest edit an annual review issue. I was new to this editing business. He guided me in such a way that these issues became a success. He was a very good scientist, with knowledge in many fields of chemistry. That is why he was able to edit so many journals and books.

Over the years we kept in touch as we worked together on a variety of projects. As a result we developed a friendship which I will always cherish. I remember talking to him many times about some of my research and the excitement he generated and the encouragement I received from him to publish my work. Mostly though he was an editor *par excellence* and I always was amazed by the ease with which he could edit three different journals and a long list of books. His scientific legacy will include his journals and books and especially the most comprehensive three volumes of the Encyclopedia of Chromatography.

Despite the appearance of being a very serious man, he was a family man and a very funny man. Every phone call we had finished with him relating a funny joke or story. I will definitely miss him a lot. I will miss talking to him and I will miss getting his advice. I am just one of many in the scientific community who will miss Jack Cazes *Zikhrono L'vraha* (May his memory be for a blessing).

This review issue is a tribute to Jack Cazes' memory and an appreciation for his varied and valuable contributions to the scientific community. I asked several people to share their memories of Jack. I am pleased to report that everyone I asked readily accepted. Following are their own, personal recollections and tributes.

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I knew Jack from when he was still at Waters, perhaps it was the late 60s or early 70s, and I recall quite well numerous interactions that we had over the past four decades, all very pleasant. I would say Jack was a friend, colleague, confidant, and advisor throughout all this time, and I would always feel totally free to tap into his intellect and experience. We had numerous interactions over these years, usually regarding various manuscripts that I was submitting to any one of the numerous journals that Jack was editing at that particular time. It was as if he could not get away from science, especially separations science in all its various nuances and arrangements.

If he was not editing a particular journal, then he was editing a new collection of review papers for a book, or an encyclopedia of chromatography, or one of another, enormous collection of contributions by people from all over the world. Or, he was involved in editing *Advances in Chromatography* or another series of books by Dekker or other publishers. He was just always busy, but it was constructive work, to be admired and respected, because he was not only in the editing business but in the scientific publishing arena. He was for sure, an editor par excellence, perhaps one of the very best I ever knew and respected. How he ever managed to edit several journals at the very same time, I could never understand. And, he never seemed to mix up or confuse which manuscript went to which journal. He was just a master at managing the editing of scientific journals and books. I always thought he would retire one day, but then just a few years ago, I realized he could not stop because this was his life, and he totally enjoyed every minute of it. We would all be so lucky as to find that which one truly is and to blossom and prosper in its pursuit for such a long, long time. How lucky Jack truly was.

**Ira S. Krull**

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It was with great sadness that I heard of the death of Jack Cazes. Although I had not seen Jack in a number of years, I will miss him. He had a great influence on my career, as a mentor, a chromatography colleague, an editor and a friend.

I met Jack in 1976 when Cal Giddings asked me to be a co-editor of “Advances in Chromatography” along with Jack and Eli Grushka. We worked together until the mid 1980s when Jack left the series. We continued to work together when he became the editor of The Journal of Liquid Chromatography and I was on the board of that journal. I remember with great fondness the luncheon meetings for the board that Jack planned and held each year at the Pittsburgh Conference.

Jack was an excellent chromatographer and a talented teacher; however he found his niche in the scientific world as a fine and productive editor. Beside the Journal of Liquid Chromatography and Related Technologies, he was editor of The Journal of Immunoassay and Immunochemistry, and Preparative Biochemistry and Biotechnology. Among his accomplishments was the outstanding job he did as editor of the Encyclopedia of Chromatography and the three volumes he wrote on “Liquid Chromatography of Polymers and Related Materials.

Jack was an integral part of the world of chromatography and he will be sorely missed as a colleague and a friend.

I send my deepest sympathy to his wife, Eleanor and to his family on their great loss.

**Phyllis R. Brown**  
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It was my good fortune to meet Jack Cazes about thirty years ago. When you first meet someone professionally, you have no idea as to the ramifications of that meeting. Usually you don't know if a professional or personal relationship will develop or if you will even see or hear from them again. However upon meeting Jack that first time, it was clear to me that this was someone that I would know, like and work with for years to come. Jack Cazes' focus was not on himself, but rather on how he could help you and develop and promote chromatographic science. This was unique and refreshing in an era where the focus of many individuals is the promotion of themselves and their own work.

Jack made seminal contributions to many areas of separation science including size exclusion chromatography, HPLC and particularly countercurrent (a.k.a. centrifugal partition) chromatography. In the early "growing" days of HPLC, Jack was instrumental in founding the Journal of Liquid Chromatography and remained its editor until today. In the last several years, he simultaneously and successfully edited three different scientific journals.

Whenever I met Jack at a meeting, scientific session, luncheon or dinner; he always brought a smile to my face. He had to be the most pleasant, happiest and positive chromatographer I've known. I eventually came to know his wonderful wife, Ellie (who also was his editorial assistant) and his son. It was an entire family of dedicated, selfless individuals. In losing Jack, we all lost an important member of our "chromatographic family". Individuals/scientists like Jack Cazes are the glue that holds our scientific clan together. The world was a better place and science was more fun because of Jack Cazes.

**Daniel W. Armstrong**

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All chromatographers mourn the recent death of Jack Cazes, the long-time editor of the Journal of Liquid Chromatography and Related Technologies. Jack was a chromatographer's chromatographer. While his college education (Ph.D., 1963 from NYU) was in organic chemistry he very quickly became an expert in analytical instrumentation and separation techniques. At Mobile Chemical Co. he was heavily involved with gel permeation chromatography (GPC). The series of papers on GPC that appeared in the mid 1960's and early 1970's in the Journal of Chemical Education introduced the technique to many high school and university students. The ACS short course on GPC that he taught for many years made the technique familiar to scientists in diverse areas of polymer science.

Jack expanded his involvement in chromatography by working in such companies as Waters Associates (now Waters Corporation) and Varex. Around 1986 he joined Sanki Laboratories where he was a Vice President in charge of sale of centrifugal partition chromatographs (CPC) outside of Japan, the company's headquarters. During that time Jack was very heavily involved with developing, promoting and selling CPC instruments. The growth and development of CPC outside Japan can be attributed chiefly to Jack.

Jack was very active in the educational side of chromatography, writing and editing many books on the subject. In the mid 1970's Jack and I were invited to replace Roy Keller as editors of the Advances in Chromatography series, published by Marcel Dekker Inc. In 1978 Jack became the Editor of a new Marcel Dekker journal, the Journal of Liquid Chromatography, now known as the Journal of Liquid Chromatography and Related Technologies. He remained the Editor of JLC&RT until his death. Jack was the "resident chromatographer" of Marcel Dekker, Inc., a position that culminated in the Encyclopedia of Chromatography, now in its 3<sup>rd</sup> Edition.

Jack was an outstanding scientist, a good friend, a devoted family man and, above all, a great human being. He will be sorely missed.

**Eli Grushka**

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It is with great difficulty that I note the passing of my dear friend Dr. Jack Cazes, Visiting Scholar and Adjunct Professor of Chemistry at Florida Atlantic University, Boca Raton, Florida. And what a friend! Sure, he was known to the scientific world as the “Guru of modern chromatography”– but few in science loved him like I did. Think gel permeation chromatography and you can’t help but think of Jack. All of those wonderful journals published for years by Marcel Dekker – Journal of Liquid Chromatography & Related Technologies, Instrumentation Sciences & Technology, Preparative Biochemistry & Biotechnology, Journal of Immunoassay and Immunochemistry - all of them were hand stamped and overseen by Jack. A need, a favor, a request – he was the man; he was the one person in the scientific community who would consistently deliver. When Taylor & Francis took on the role of continuing the Chromatographic Science series it was Jack who made the transition seamless. For you see, while family was important to him, he recognized that science and love of nature came first. Ask his colleagues, his students and his peers in the scientific community. Although few of us would ever consider Jack to be a peer – he was something else.

And for the piece de resistance there was his ultimate loves – The JLC and The Encyclopedia of Chromatography. This comprehensive masterpiece, now in its third edition, has become the Standard Reference Text used globally in the field of separation sciences. This treatise assembles the leading figures in the field to create an up to date and much cited reference dispensing “state of the art” knowledge. Each edition takes at least three years to write, assemble, edit and print. And Jack, during his period of “retirement” was on top of it all.

My relationship with Jack lasted for more than 40 years. I was friendly with him socially, and I sought his opinion for much more than scientific endeavors. He was a mensch, a man with a heart of gold and a love of life. He was an uncle to my kids and a brother to me. His mind never stopped working and his passion and devotion for the Pittsburgh Conference Meetings was undeniable. The hallways echoed with emptiness this year for me and for a vast majority of scientific professionals with the absence of this larger-than life Icon from PITTCON.

An international symposium is being quickly arranged in his honor which shall be scheduled for early this spring in Connecticut, and I am honored to be asked as both a participant and a speaker. Furthermore, to the best of my ability I will continue with the scientific challenges which Jack laid out for me some 4 decades ago.

I will miss you.

**Mark Moskovitz, Ph.D.**  
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Like many others who have written here about Jack Cazes, I, too, had known Jack for 40 years. Memory fades, but most probably we met at some Pittsburgh Conference, in some far away city, but not in Pittsburgh. Having just returned from the 2010 PittCon in Orlando, as I wandered the aisles I was suddenly struck by the fact that I would no longer see him coming down an aisle in his scooter with that big wonderful smile on his face. He was always so glad to see a colleague – and vice-versa of course.

Each of the last several years, we would meet again at the annual Journal of Chromatography and Related Topics dinner at PittCon, with some business discussed, but lots of laughter with him and Eleanor. That, too, was missed this year, only adding to the reality.

Yes, he indeed was a legend in the field of chromatography of which those of us who knew him will sorely miss. He was always ready with help for anyone, had boundless energy and great organizational skills (with thanks to Eleanor here, too). His breadth of knowledge of chromatography and its related fields, and the people who were key in their developments were his most valuable assets. Who today could possible step into such shoes, one wonders.

I believe there is no greater tribute to a fallen colleague than to have a warm spot in our hearts that makes us smile when we think of them and the time we shared throughout the years. That Jack surely has in many, many hearts not only in the USA but worldwide.

**Fred Rabel, Ph.D.**  
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I cannot recall when I first met Jack Cazes, as I've known him all my life. *Journal of Liquid Chromatography* and the Chromatographic Science book series were key assets of Marcel Dekker, Inc., and Jack worked closely with my father (Marcel) and grandfather (Mau) in developing and marketing them. So much so that Jack and Eleanor became personal friends and regular guests at Dekker family events.

When I became a young editor at Marcel Dekker, Inc. and started working with Jack, I soon realized what a unique publishing force he was. Not only did Jack manage a voluminous manuscript flow, but he personally administered the peer review process, continuously reworked editorial boards for balance and output, and generously offered authors whose papers were not accepted detailed suggestions as to how to improve them, encouraging resubmission. Jack took a keen interest in seeing others succeed, and his genuine enthusiasm and encouragement were key reasons why so many top authors valued him and consistently published with him.

As such an important member of the Marcel Dekker, Inc. team, I continued to personally work and increasingly appreciate Jack's productivity, loyalty to the firm, and sophisticated problem-solving abilities. When a Marcel Dekker, Inc. journal was sputtering, I would encourage the Editor to speak with Jack. Jack always made himself available to listen and consult, and I can think of many journals that turned around after receiving Jack's guidance. Even though a good generation ahead of me, Jack found the industry's digital evolution exciting. We used to talk about how students and researchers throughout the world would be able to access online information more quickly and affordably than in print. That was in part the genesis of the *Encyclopedia of Chromatography*. When I asked Jack who could lead this ambitious project and he proposed himself, I was leery, as he was already pumping out annually 20 issues of *JLC*, 4 issues of *Instrumentation Science & Technology*, 4 issues of *Journal of Immunoassay & Immunochemistry*, 4 issues of *Preparative Biochemistry & Biotechnology*, and 4-6 new titles in the book series. But he said he could do it with the help of Eleanor, and three successful editions later, he proved to be right yet again.

I often teased Jack that G-d put him on Earth to be an Editor, and if I could clone him, Marcel Dekker, Inc. could increase its production exponentially. Sadly, Jack's productivity, kindness, and vision cannot be reproduced. He taught me much, but the more he showed me how achievable things could be, the more I realized how difficult they would be without him. People like Jack are rare and special. I feel lucky to have had the time I did learning from and laughing with Jack, and will regularly remember that time with tremendous fondness.

**Russell Dekker**

Chief Publishing Officer

Marcel Dekker, Inc. (1990-2004)