

## ***50 YEARS OF CHROMATOGRAPHY***

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**Abstract:** About two months ago, while working in the lab, I realized that I had been making injections into Gas Chromatographs for over 50 years. This seminar is that story; three summer jobs as a graduate student; a Ph.D. thesis from Purdue (possibly the first GC thesis in the USA); a Fulbright Fellowship in Holland where I worked with A.J.P. Martin, Marcel Golay and Karl Cramers, all in the lab of A.I.M. Keulemans; one year at Esso's Bayway refinery, Linden New Jersey; 3 years with F&M Scientific in Amsterdam; 4 years with Varian in Walnut Creek and Palo Alto; and finally 39 years at Virginia Tech. There are some good stories to tell. Karl Cramers summarized our experiences as "In the right place at the right time".

**About the Speaker:** Harold Mc Nair was born and raised in Miami, AZ (a small but nice spot in the road!). He attended the Univ. of Arizona on both a scholastic and tennis scholarship. He graduated Magna Cum Laude in Chemistry/Physics in 1955. He obtained an MS in Analytical Chemistry (electrochemistry) in 1957 from Purdue U. He attended a symposium on GC in 1957 in Cincinnati where J.J. van Deemter (Royal Dutch Shell) became one of his mentors and encouraged him to study GC for his Ph.D. thesis. The Dutch group provided schematics and he built his own GC and published one of the first Ph.D. theses on this topic in the USA. He had already spent two summers working on GC, 1957 at the Amoco refinery, Whiting, Indiana and 1958 with Steve Dal Nogare, E.I. du Pont, Wilmington, Delaware. His Fulbright was spent in Eindhoven, The Netherlands with Prof .A. I.M. Keulemans, who had just left Royal Dutch Shell to join a new technical university. Keulemans also had written one of the early books on GC, based on the efforts of the Shell Research group in Amsterdam.

He has spent the rest of his career in Chromatography, working at Esso R&D Bayway Refinery, Linden, N.J.; F&M Scientific (later H.P.) in Amsterdam; Varian Aerograph in Walnut Creek and Palo Alto, CA; joining Va Tech in 1968. He helped teach the first ACS short course on GC in 1967 under Steve Dal Nogare. He has benefited greatly both by the numerous "experts" with whom he has worked, but also by a great group of students. He is officially retired, but still runs a research group of two postdoctoral fellows and two undergraduates.

**Location:**  
D'Ignazio's Towne House  
117 Veterans Square  
Media, PA 19063

**Times:**  
Executive Mtg - 5:00 pm  
Social "Hour" - 5:45 pm  
Dinner - 6:30 pm  
Presentation - 7:30 pm

**Directions:**  
Below

**Cost of Dinner:**  
\$ 30 or MC/Visa /AmEx

Below is a current list of the 2006/2007 CFDV Executive Committee. Please contact any member of the committee for information about the Forum or to find out how to participate in the Forum or to find out how to participate in Forum Activities. The CFDV website is <http://www.cfdv.org>

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**Please note:**

In inclement weather, cancellations will be accepted up to 3:00 pm on the day of the meeting. If the meeting is cancelled, you will be notified by phone.



***Please see the website to renew your membership!***

*Please remember to renew your Annual Membership.*

***Deadline for dues: November 1st***



**Dinner Choices:** Chicken Breast with Wild Rice Stuffing, Baked Salmon, or Eggplant Parmesan with marinara Sauce  
Please specify choice of entree when making dinner reservations.

**For Reservations:**

Please call before 4 p.m., **Wednesday, September 5.** Please note that "no-shows" will be billed for the dinner.

**Late reservations:** We still want you to attend, so call now. However, we cannot guarantee your entrée selection for dinner.

**Contact:** Sandy Huff at (800) 356-6140, Fax (856) 753-8484 or Email at [esindustries@msn.com](mailto:esindustries@msn.com). Please include your name, employer and work telephone number.

**Directions to the Towne House**

Take I-95 to the Blue Route, I-476; take Exit 3 (Media). Go west on Baltimore Pike past intersection of Rt. 252. The Towne House is 10 blocks further, on the right corner of Veterans Square.

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