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Dr. Alfred Bader

Astor Hotel Suite 622 924 East Juneau Avenue

Milwaukee Wisconsin USA 53202

Dr. Ryokichi Tarao
5-13-2-503 ISOBE MIHAMA KU
CHIBA 261-0012 JAPAN
E-mail: FZH05716@nifty.ne.jp

Dear Dr. Bader,

Thank you very much for your kind cooperation with respect to my articles. Herein enclosed is your photograph which was quite useful for my project. Thank you again. I hope my next article about you and Aldrich, Sigma-Aldrich, Prof. Brown, Dr. Lane accompanying my thought will be published within a few months. Also enclosed is a copy of my article published January 2000 and its English translation (photographs, notes and literatures are omitted). Photo 4 was taken April 1996 with Prof. A. deMeijere, Prof. D. Demus, myself, and one of my colleague (left to right) at suburbs of Goettingen. This one is related to liquid crystal and I hope you will enjoy reading it.

Best regards,

Sincerely yours,

Dr. Ryokichi Tarao

Ryskichi Jaras





#### Dr. Alfred Bader

924 East Juneau, Suite 622 Milwaukee, Wisconsin 53202 Phone: 414/277-0730 Fax: 414/277-0709

E-mail: baderfa@execpc.com

A Chemist Helping Chemists

April 25, 2000

Dr. David Dime Toronto Research Chemicals, Inc. 2 Brisbane Rd. North York, Ontario Canada M3J 2J8

Dear David,

Isabel and I plan to be in Toronto from May  $7^{th}$  to the  $9^{th}$  and I plan at least to call you to see how everything is going.

With all good wishes I remain

Yours sincerely,

Alfred Bader AB/az



Subject: Set of Beilstein

Date: Mon, 6 Mar 2000 17:30:25 -0500

From: "Thackray, Arnold" <athackray@chemheritage.org>
To: "'baderfa@execpc.com'" <baderfa@execpc.com>

Dear Alfred,

As you know we are slowly unpacking what books we possess and—at this stage—it seems we have an almost complete Beilstein, so we are thanking City Chemical for the offer, and declining. Please keep up your scouting on CHF's behalf, which we appreciate—but not at the price of your sleep.

Sincerely,

Arnold



Subject: RE: Visit

Date: Mon, 30 Oct 2000 15:25:37 +0100

From: "Torenbeek, Jeroen" < J.Torenbeek@bb.usc.uu.nl>
To: "'Alfred Bader Fine Arts'" < baderfa@execpc.com>

Dear Alfred,

The schedule is now as follows

9'00 - 10'00 at Farmacy. I will pick you up at your hotel.  $10'00-\ 11'00$  introduction to the labs (if you wish)

Leisure, kunch, etc.

15'00 - 16'30 Art history

break

18'00 aperitive, diner with the art history students, teachers and some chemistry people.

We bookede the same hotel, and insisted on a well functioning heating.

Since I will be in Madrid fo 5 days, I suggest further details we might discuss by phone.

My very best,

Jeroen Torenbeek

----Oorspronkelijk bericht----

Van: Alfred Bader Fine Arts [mailto:baderfa@execpc.com]

Verzonden: donderdag 26 oktober 2000 18:22

Aan: Torenbeek, Jeroen Onderwerp: Re: Visit

Dear Jeroen,

Thank you for the good news in your e-mail of today.

For the Loschmidt/Cooper presentation I will need an overhead projector, to show transparencies.

Would the chemists also be interested in the history of the Aldrich Chemical Company? That might be of interest to students in business also.

For the bull session with art historians, I will bring a videotape, specially designed to be played in Holland, simply discussing many of the paintings in our home.

Please let me know the name of the hotel and tell them that we might arrive fairly late on Thursday evening, coming by train from The Hague.

With all good wishes I remain

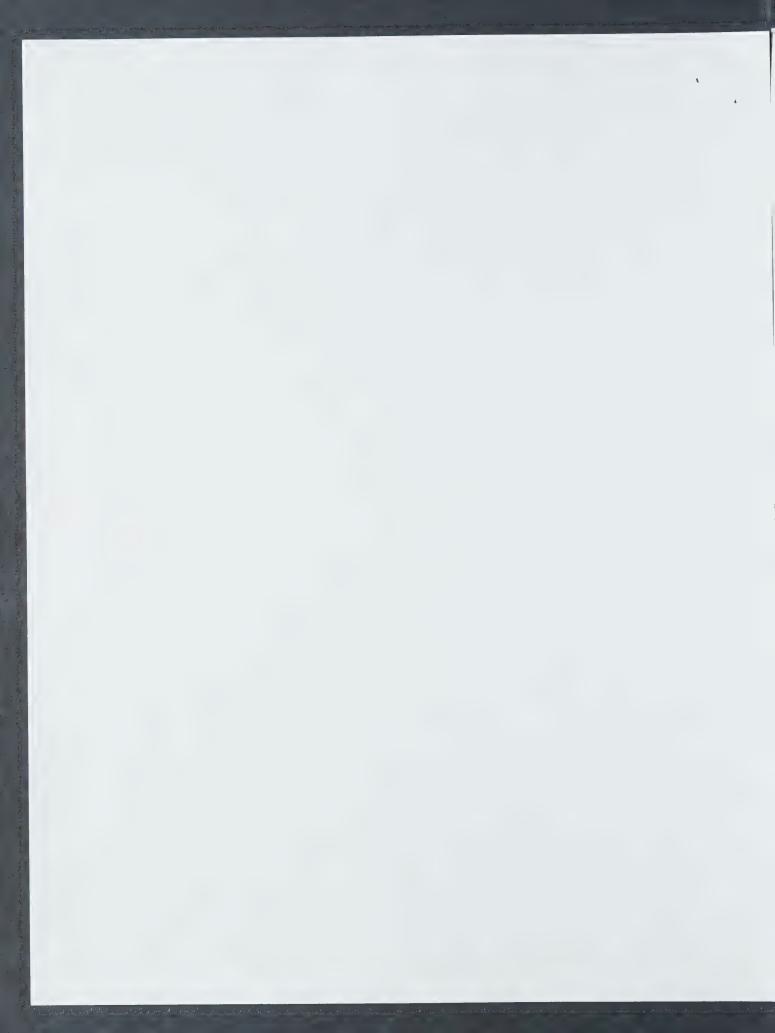
Yours sincerely, Alfred

"Torenbeek, Jeroen" wrote:

> Dear Alfred,



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> I heard your voice mail message as well.
> We too are very much looking forward.
> Friday 10, we organized a Josef Loschmidt presentation at the Farmacy
> faculty. You may expect 20 - 30 students.
> The art historians had another idea in the afternoon. Just a very
> group of PhD students, working on the recent history of art collection
would
> like to meet you in a kind of round table. Art historians often arer less
> quick than chemists, as you may know. I am now running behind them in
order
> to get confirmations.
> So I suggest that I book the hotel for two nights. And we will conclude
> friday with an informal diner in some cosy restaurant.
> My best regards, also to your wife,
> Jeroen Torenbeek
> ----Oorspronkelijk bericht----
> Van: Alfred Bader Fine Arts [mailto:baderfa@execpc.com]
> Verzonden: vrijdag 13 oktober 2000 22:10
> Aan: j.torenbeek@bb.usc.uu.nl
> Onderwerp: Visit
> Dear Jeroen,
> As you know, I very much look forward to being with you in Utrecht on
> Friday, November 10th.
> I would love to be able to give two or three lectures, one or two in the
> Chemistry Department and another in Art History.
> The best subjects for Chemistry would be #3 on my Menu "Richard Anschutz,
> Archibald Scott Couper and Josef Loschmidt: A Detective at Work" and "The
> History of the Aldrich Chemical Company". The art historians will have
their
> choice among several or might just like to have a bull session with me.
> If their choice is the bull session, then I would bring a number of copies
> of The Detective's Eye and many reproductions with me as well as one
> original painting which is very close to Rembrandt, specifically Bredius
> 261.
> If the first talk is fairly early that Friday, then I should probably stay
> at the hotel Thursday and Friday nights. If on the other hand the first
> talk is not until mid-morning, then I could stay in The Hague Thursday
> and catch an early train from The Hague to Utrecht. Friday night we would
> like to stay in Utrecht and then travel to Nymegen to be with two old art
> historian friends, Professor Christian and Dr. Astrid Tumpel.
> I much look forward to hearing from you and remain with best wishes
> Yours sincerely,
> Alfred Bader
> www.alfredbader.com
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Subject: Thank you for your letter

Date: Wed, 07 Jun 2000 08:34:19 +0900

From: □\$BB?MeHx!!NI5H□(B <FZH05716@nifty.ne.jp>

To: baderfa@execpc.com

June 7, 2000

Dr. Alfred Bader Astor Hotel Suite 622 924 East Juneau Avenue Milwaukee Wisconsin USA 53202

Dr. Ryokichi Tarao 5-13-2-503 ISOBE MIHAMA KU CHIBA 261-0012 JAPAN E-mail: FZH05716@nifty.ne.jp

Dear Dr. Bader,
Thank you for your letter of May 26, 2000. I am pleased to know that
you have found interest in my essay treating Halle liquid crystal
research group, Demus, Chisso, and myself. I am also glad to find
that you visited Halle and der Saale several times. This summer,
Prof. Demus is coming to Japan and I will talk with him about your
information related to Oscar Laske.
Ir. the near future, "MUTIFACETED R&D PEOPLE IN INDUSTRY (14)"
subtitled "Starting small chemical enterprise" will be published which
describes Aldrich, Sigma-Aldrich, Brown and Aldrich Boranes, etc.
Best regards,
Sincerely yours,
Dr. Ryokichi Tarao



THERMO
CHEMICAL
SERVICES
Dr. Ulfert E. Wiersum

Tilo

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J

Your reference/Your letter

Our reference

Telephone (085)

Telefax (085)

Velp

Summary of TCS Chemicals

646074

621153

September 1995

TCS has presently produced and can supply the following chemicals:

- 1. Biphenylene
- 2. Tetraphenylene
- 3. Benzo[k]fluoranthene
- 4. 1-Aminobenzitriazole
- 5. Benzo[b]naphtho[2,3-d]thiophene
- 6. 2,2':5,5'-Terthiophene
- 7. 2,3-Benzofluoranthene
- 8. Chrysene 99%
- 9. Benzoninhydrin
- 10. 1,2,3,6,6,8,11,12-Octahydrobenzo[e]pyrene-9-(10H)one
- 11. Aceanthrenequinone
- 12. Triptycene
- 13. Hexahydropyrene
- 14. Benzo[b]naphtho[2,3-d] furan
- 15. 1-Nitropyrene
- 16. 3-Nitrofluoranthene
- 17. 6-Nitrochrysene
- 18. 1-Aminopyrene
- 19. 3-Aminofluoranthene
- 20. 6-Aminochrysene
- 21. N-1-pyrenylmaleimid
- 22. Triphenylene
- 23. 2,3-Naphthahlenedicarbonitrile
- 24. 7,12-Dicyanobenzo[k]fluoranthene
- 25. 7,12-Benzo[k]fluoranthenedicarboxaldehyde
- 26. 4,4'-Dicyanobibenzyl
- 27. 4-Bromo-3-nitrobiphenyl
- 28. Acenaphtho[1,2-b]quinoxalin
- 30. o-Dibenzoylbenzene
- 31. 1,3-Diphenylbenzo[c]thiophene
- 32. Benzo[e]pyrene
- 33. Benzo[ghi]fluoranthene
- 34. Cyclopenta[c,d]pyrene
- 35. 2,3-Naphthalenedicarboxaldehyde
- 36. 1,1,4,4-Tetraethoxy-2-butyne

37. Lucifer Yellow-CH

38. 1,2,3,4-Dibenzanthracene

39. 2,3-Benzanthracene (naphthacene)

40. 1-Hydroxypyrene 41. 2-t-butylanthracene 42. trans-2-cyclohexene-1,4-diol 43. 2-Aminoanthracene

44. 1,4-di(2-thienyl)butane-1,4-dione

45. o-fluorobromobenzene

46. 2-Nitroanthracene

47. 9-Phenylanthracene

48. N-Methyladenin

49. Indeno[1,2,3-c,d]pyrene

50. Pyrenecarboxaldehyde Meldrumsacidderivative

We are especially interested in producing polyaromatics (PAH). FVT of PAH constitutes an essential part of our scientific research. This is presently done in cooperation with the University of Utrecht. We focus on the formation and interconversion mechanisms of PAH, cyclopenta-PAH nitro-PAH and hetero-PAH, see for example J.C.S. Chem. Commun., 1994, 89 and Tetrahedron Lett., 1994, 35, 4405.

These products and their thermal interconversions are of great significance because they are combustion emittants. New commecially available PAH's are sought as reference compounds in environmental programs.



DR. ALFRED BADER

ESTABLISHED 1961

July 31, 1995

Dr. Marten J. ten Hoor J.W. Frisolaan 40 9602 GJ Hoogezand Nederland

Dear Dr. ten Hoor:

In response to your letter of July 12th, my autobiography, *Adventures of a Chemist Collector* (ISBN #0-297-83461-4), has one chapter, #16, dealing with Loschmidt. That chapter, at its end, also gives the most important leading references.

I also enclose Dr. William Wiswesser's article Loschmidt published in the Aldrichimica Acta of 1989.

I have just checked with Aldrich and find that they have ample copies of the Anschütz reprint, which is Aldrich catalog #Z18577-9.

Unfortunately, the latest Aldrich catalog inadvertently left out the two Loschmidt books, and so the various subsidiaries often conclude that these are no longer available. If you will send your fax to the managing director of Aldrich Benelux, Mr. Max van Laere, whose fax number is 32-3-899-1311, and point out to him that Alfred Bader has assured you that we have ample stocks of #Z18577-9, he will obtain this for you.

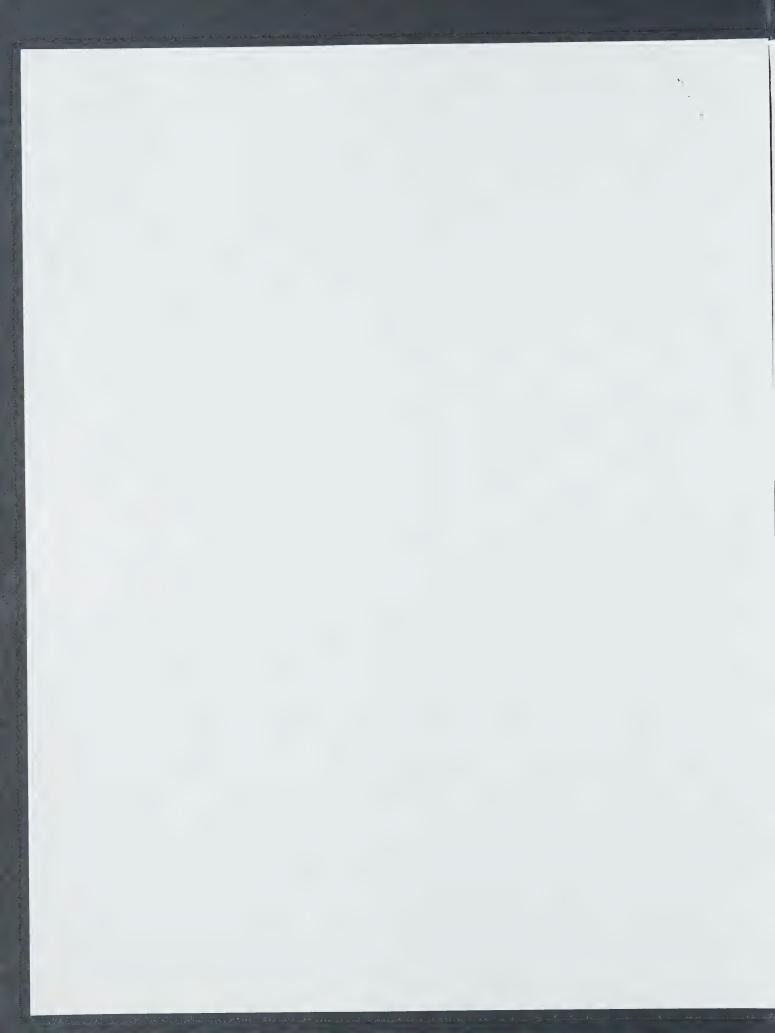
With all good wishes, I remain,

Yours sincerely,

AB/cw

bc: Max van Laere

By Appointment Only
ASTOR HOTEL SLITE 622
924 EAST JUNEAU AVENUE
MILWAUKEE WISCONSIN USA 53202
TEL 414 277-0730 FAX 414 277-0709



Dr. A. Bader,
2961 North Shepard Avenue
MILWAUKEE
Wisconsin 53211
U.S.A.

Hoogezand, 12 July 1995

Dear Dr. Bader,

In an article (on the relationships between physics and chemistry) to be submitted to the American Journal of Physics, I refer to your article, which appeared in Chemistry in Britain (1993, 29, 126-128). Just now I read a review of your book "Adventures of a chemist collector" in the same journal (1995, 31, 557), in which an article of yours is mentioned. If you have published other articles on the Kekulé-Loschmidt matter, I would be very grateful if you could send me a reprint thereof.

As I cannot get hold of Aldrichimica Acta or of the reprint by the Aldrich Company of Anschütz's annotated version of Loschmidt's Chemische Studien, I wonder whether you could inform me of the correct address of that Company, or else advise me on how I could obtain the material that was mentioned in your article.

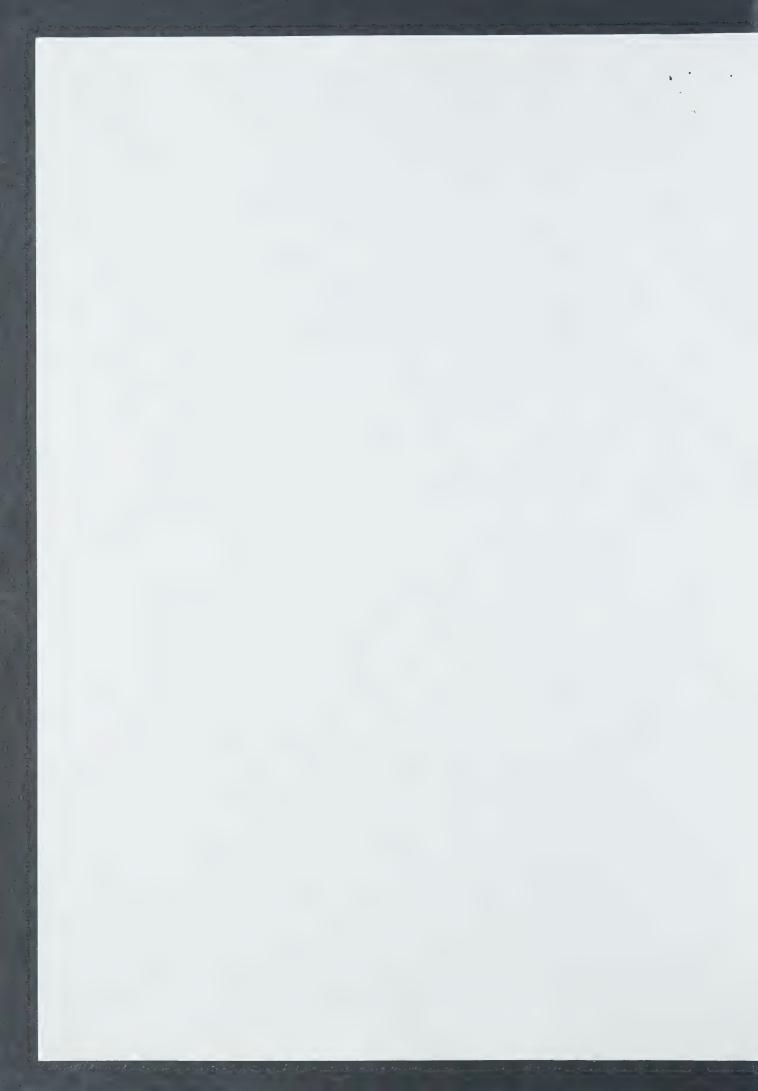
I also teach chemistry in a high school but, unlike Loschmidt, I will not become famous.

Yours sincerely

MI Four Con-

Marten J. ten Hoor J.W. Frisolaan 40 9602 GJ HOOGEZAND

Nederland





DR. ALFRED BADER

ESTABLISHED 1961

August 1, 1995

Professor A.T. Balaban
Texas A&M University at Galveston
Department of Oceanography
P.O. 1675
Galveston, TX 77553-1675

Dear Professor Balaban:

In response to your letter of July 20th, my autobiography, *Adventures of a Chemist Collector*, is sold by the American Chemical Society in Washington. Also, any book dealer could obtain the book from the American distributor, Trafalgar Square, provided only that you give him the ISBN number, which is #0-297-83461-4.

With all good wishes, I remain,

Yours sincerely,

AB/cw

By Appointment Only
ASTOR HOTEL SUITE 622
924 EAST JUNEAU AVENUE
MILWAUKEE WISCONSIN USA 53202
TEL 414 277-0730 FAX 414 277-0709



# Texas A&M University at Galveston

College of Geosciences and Maritime Studies
P.O.Box 1675 Galveston, TX 77553-1675

Dept. of Oceanography Marine Sciences Program (409)740-4826 FAX:(409)740-4429

> Dr. A. Bader Astor Hotel Suite 622 924 East Juneau Avenue Milwaukee, WI 53202

> > July 20, 1995

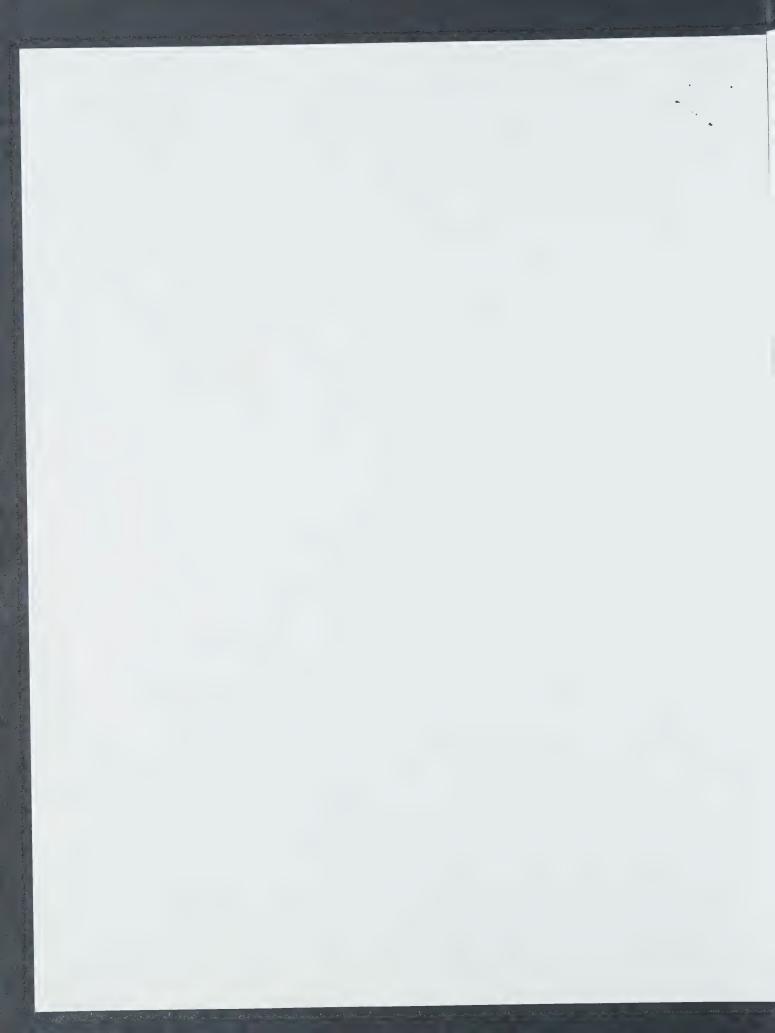
Dear Dr. Bader,

I have read with much interest the book review from *Chem. Brit.* 1995, **31**, 557, and I would appreciate if you could let me know how I might obtain a copy of this book.

I am a visiting scientist from Bucharest, Roumania, and I shall be in Texas till the end of August. Since I am an organic chemist who teaches at the Bucharest Polytechnic University, with an interest in the history of chemistry, and since I had the opportunity of purchasing many chemicals from the Aldrich Chemical Company that you founded, I would very much like to know more about your career.

With best wishes, Sincerely yours,

Prof. A. T. Balaban





DR. ALFRED BADER

ESTABLISHED 1961

May 3, 1995

Gerard Tertzakian, Ph.D. Hannibal Ventures Inc. Suite 450, The Phipps-McKinnon Bldg. 10020 - 101A Avenue Edmonton, Alberta T5J 3G2 Canada

Dear Gerry:

Thank you so much for your wonderful hospitality in Edmonton.

We certainly enjoyed seeing you again and, indeed, our entire stay in Alberta.

It would be great if you could get research samples from Armenia, and I am asking the very good man in charge of the Aldrich Library, Bob Wandler, to send you a library catalogue and to put you onto the Aldrich mailing list.

With that library catalogue and the Aldrich catalogue, your friends in Armenia will be able to determine what would be new to the library.

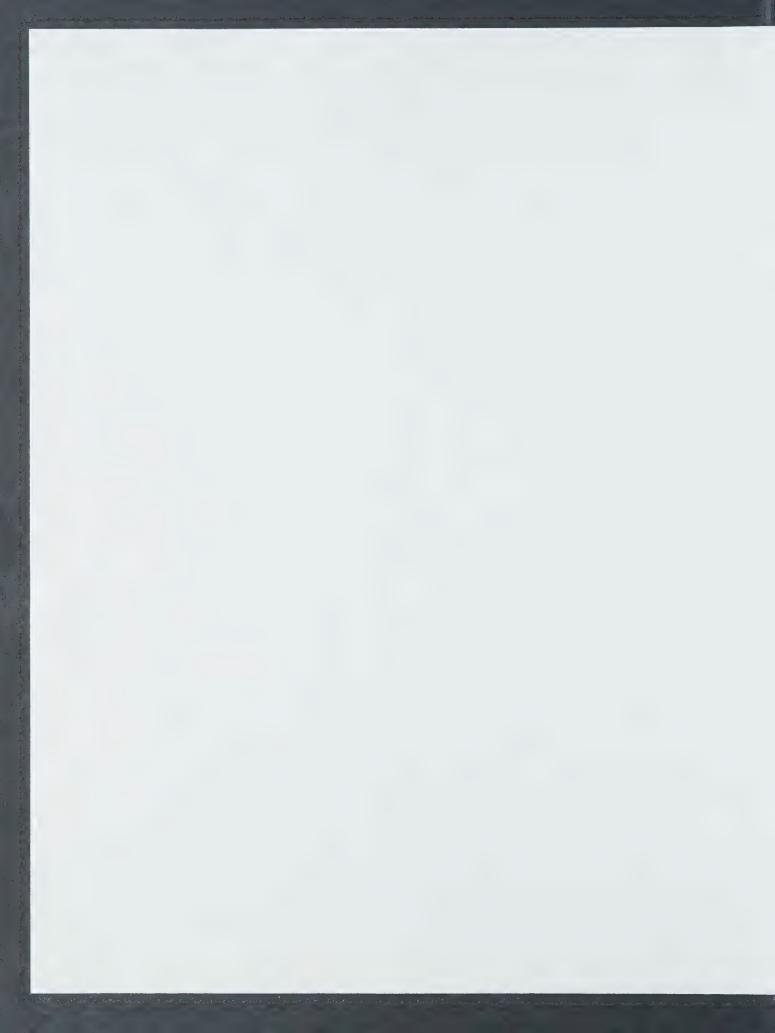
With all good wishes from house to house, I remain,

Yours sincerely,

AB/cw

cc: Bob Wandler

By Appointment Only
ASTOR HOTEL SUITE 622
924 EAST JUNEAU AVENUE
MILWAUKEE WISCONSIN USA 53202
TEL 414 277-0730 FAX 414 277-0709





DR. ALFRED BADER

ESTABLISHED 1961

July 28, 1994

Dr. Richard W. Duerst 3M Company 235-BC-01 St. Paul, Minnesota 55144

Dear Dr. Duerst:

In response to your letter of July 15th, Isabel and I look forward to being with you in February.

We will require two projectors, to be able to show two slides simultaneously, either on two screens or a large screen or white wall. We will bring our own packed Kodak Carousels.

An essay on Loschmidt from *Chemistry in Britain*, copy enclosed, can serve as an abstract. A short biography and photograph are enclosed, and I would appreciate return of the photo.

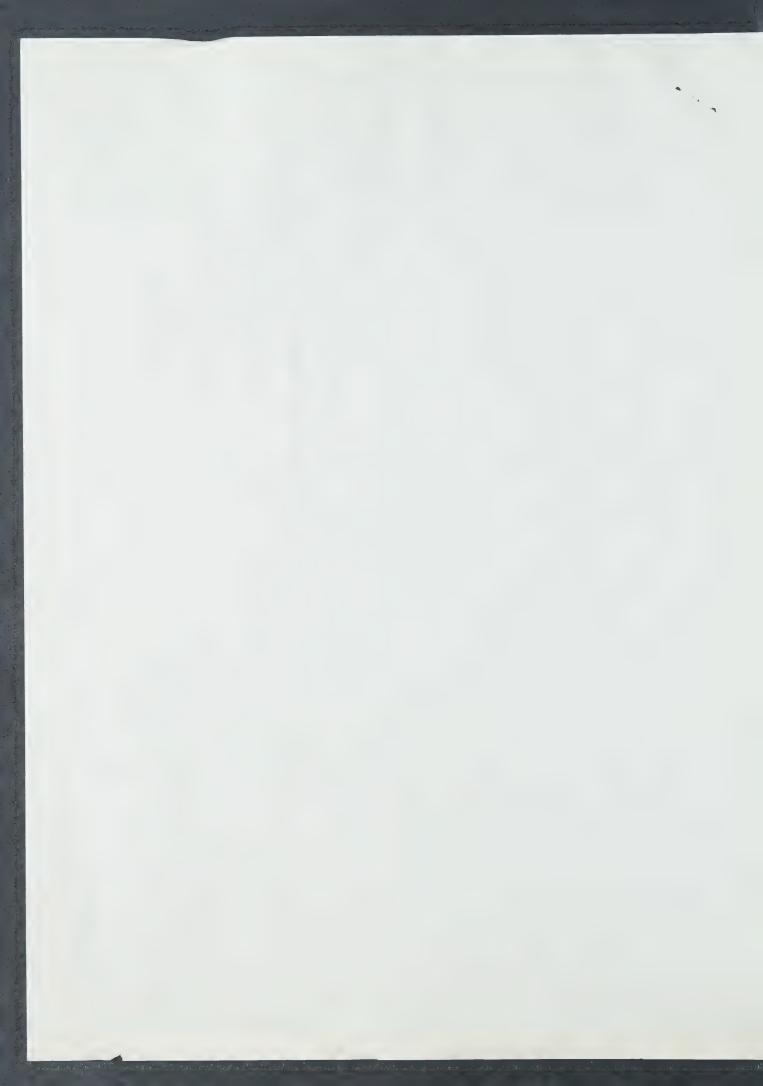
We will make certain to purchase our tickets before September 11th.

Best regards.

Sincerely,

Enclosures

By Appointment Only
ASTOR HOTEL SUITE 622
924 EAST JUNEAU AVENUE
MILWAUKEE WISCONSIN USA 53202
TEL 414 277-0730 FAX 414 277-0709





To you expenses. Thense you ogain!

DR. ALFRED BADER

ESTABLISHED 1961

February 17, 1995

Dr. Richard Duerst
3M Company
235-BC-01
St. Paul, MN 55144

Dear Richard:

You will have realized how much Isabel and I enjoyed our day with you.

Enclosed are the details of my travel expenses which total \$339.42.

We would love to come back to Minneapolis sometime, perhaps to talk about the history of Aldrich and Sigma-Aldrich and about the restoration of paintings. But if so I will ask you to put us up at a less expensive hotel, perhaps close to Amtrak. Not that we did not enjoy staying at the Ramada Inn but we try to be careful with expenses.

With all good wishes I remain yours,

Sincerely,

Alfred Bader

AB/df Enclosures Amtralc 134-Notel 151.7-Taxis 2116 16.-Meder 18-

By Appointment Only
ASTOR HOTEL SUITE 622
924 EAST JUNEAU AVENUE
MILWAUKEE WISCONSIN USA 53202

TEL 414 277-0730 FAX 414 277-0709

Dec 3/7



### Dr. Alfred R. Bader 2961 North Shepard Avenue Milwaukee, Wisconsin 53211

August 4, 1993

Dr. Robert G. Tabor Suite 254 1800 West Park Row Drive Arlington, Texas 76013

Dear Dr. Tabor:

Thank you for your most interesting letter of July 23rd which has, of course, had my close attention.

I am not quite certain--and perhaps you are not either--exactly what you are looking for, but let me make a few suggestions.

If you prefer working in Cleveland, then you might like to consider working with a well established company, Research Organics, Inc. This is owned and operated by a very able chemist, Dr. Marvin Sternfeld, who might well be able to use a man of your experience.

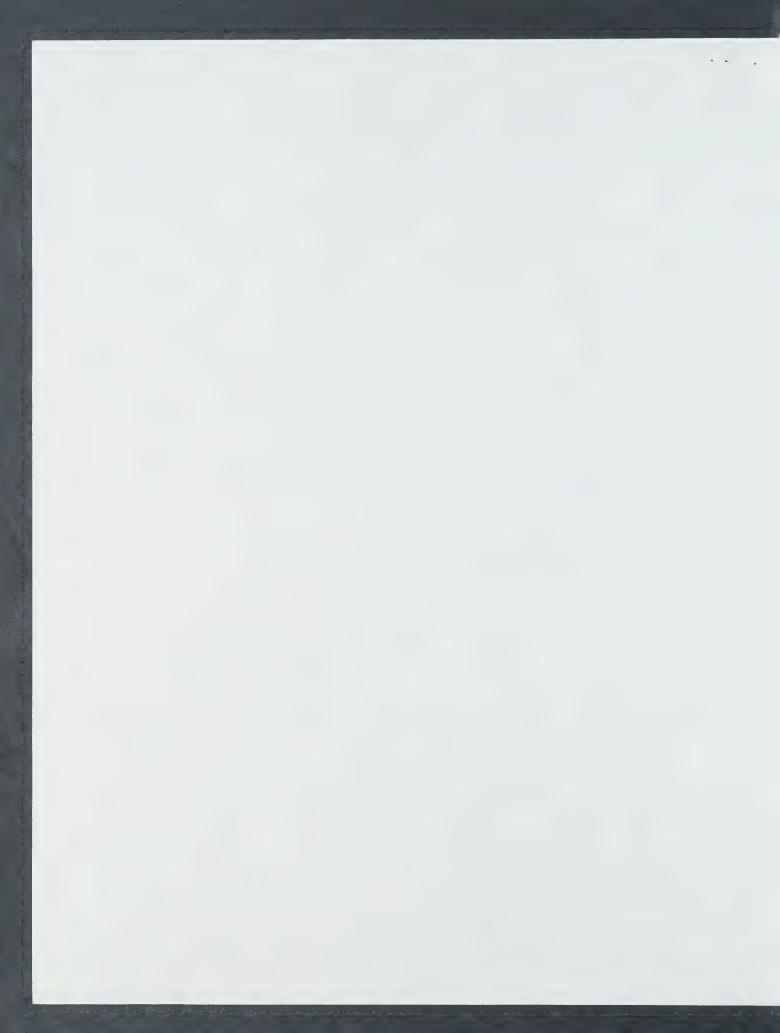
If on the other hand you would prefer working in your own laboratory, I note that you have had a great deal of experience working with fluorine compounds. There is a great deal of interest in fluorine compounds, and if you could send me a list of what you might be able to offer, I could easily share it with potential customers.

One, of course, would be Aldrich. While I have been dismissed from the company (see the enclosed), many of the people at Aldrich in Milwaukee are my good friends. One is Dr. Al Runquist, the Manager of Purchasing who would certainly consider very carefully whatever chemicals you could offer.

All good wishes.

Sincerely,

Enclosure



1800 West Park Row Drive # 254 Arlington, Texas 76013 July 23, 1993

Dr. Alfred Bader Alfred Bader Fine Arts Suite 622 Astor Hotel 924 East Juneau Avenue Milwaukee, WI 53202

Dear Dr. Bader:

I had always been greatly impressed with the paintings chosen by you for the covers of the Aldrich catalogs, and at one time I had sent a letter to you, to compliment one of the paintings, to which you had kindly responded. I was pleased to learn from the notice in the Milwaukee Journal that you are devoting much of your time to your other long-standing interest besides organic syntheses that of old master paintings.

A number of years ago, Dr. David Rickards and I had lunch with you in Cleveland, Ohio when you had visited us while we had been attempting to set up Orion Laboratories, Inc. Back then, my name had been Taborsky. Our venture survived for about four years. We had been very successful technically, however, business-wise we had become too dependent on one broker and his promises of long-term supply contracts which never materialized. However, we had been very successful in developing and completing a number of diverse, large bench-scale organic syntheses.

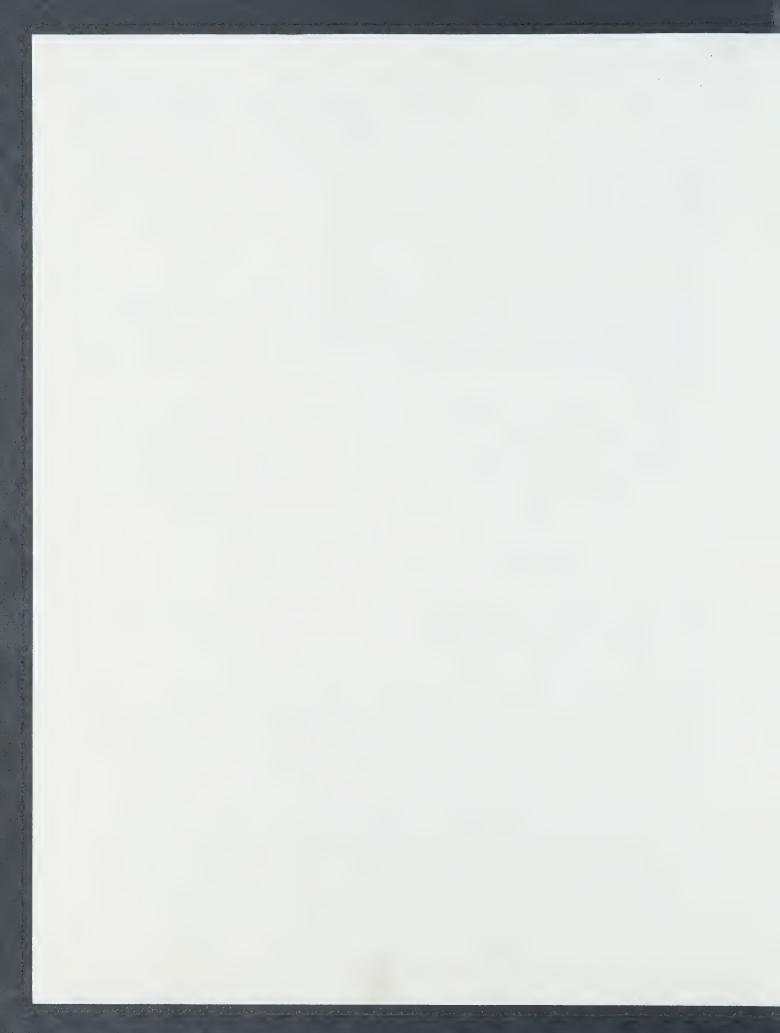
Now I am approaching so-called retirement age, however, I have no wish to retire, but I continue to be an enthusiastic chemist who would like to return to doing organic synthesis.

Therefore, I am writing to inquire whether you continue to hold an interest in the arts of organic syntheses. Although I have gone over many ideas in chemistry on paper, I have not recently been fortunate in locating a position which makes use of my training and experience, partly due to my age I'm sure.

Therefore, at this time, I would like to enter into some kind of venture involving organic syntheses. Some of the ideas which I have considered have included the development of new pharmaceuticals, syntheses of compounds for clinical trials, specialized research chemicals, rare and exotic organics, etc. The venture could be an "evergreen" type of business in that I could sell out my interest after the business had been started and was well underway when it could be turned over to newer managements as the organization continued to grow.

My contribution, in return for a share of the venture, would consist of applying my experience and wealth of ideas to help set it up. Initially space would have to be leased and organized, equipment and chemicals ordered, etc. I have a preference for Cleveland, Ohio, but that is certainly open.

It has been observed that certain people are good at starting up new



ventures, but the same persons are not necessarily comfortable in running a larger established business. You are fortunate in that you had been able to be successful in both of those activities. I believe that my abilities lie primarily in putting together a new business. Although I can supply technical and organizational skills, there would need to be initial funding for the venture until it begins making profits. Because of your knowledge of fine chemicals, your personal contacts in the industry, and presumed access to venture capital, you are one of the first persons whom I have written about this. Needless to say, your suggestions as to which organics would be most interesting and marketable would be extremely welcome. However, the time that you would need to spend on this acitivity could be very little even though

A copy of my resume is enclosed. I am also listed in  $\underline{\text{Who's Who in}}$   $\underline{\text{Science and Engineering}}$  which gives some additional information about myself.

Meanwhile, if you are interested in a venture of this kind, I would very much appreciate receiving your comments, and I would be happy to supply further details.

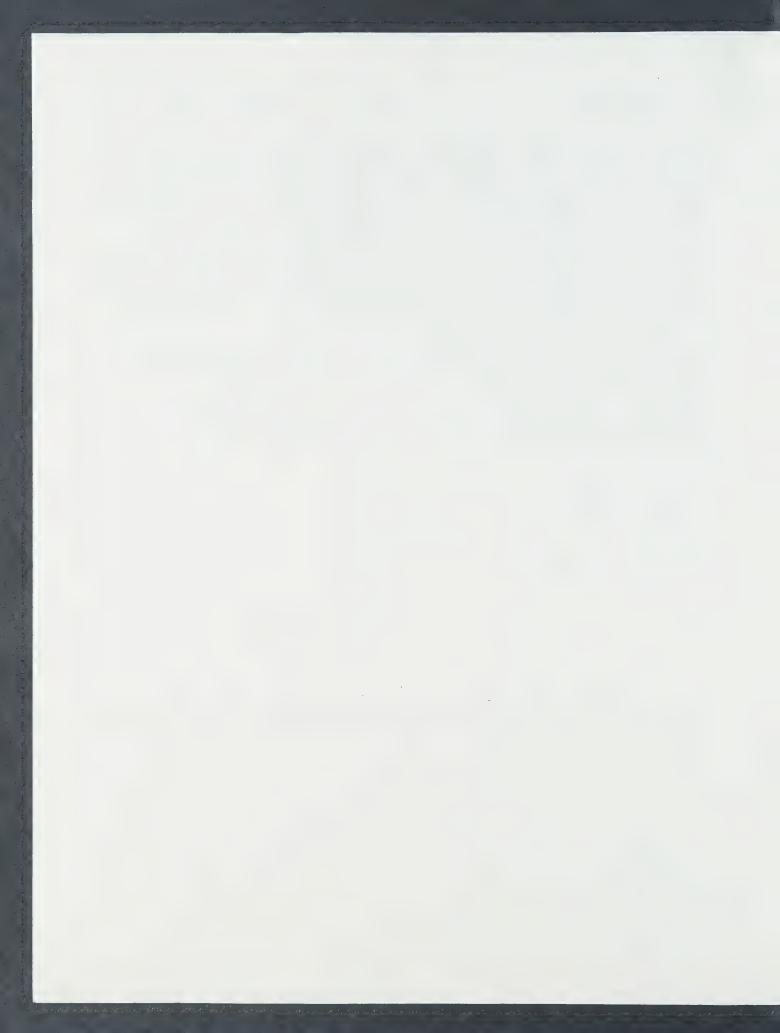
Sincerely,

Robert & Taken

Robert G. Tabor, Ph. D.

you would be a major stockholder.

Enclosure: Resume



### RESUME

ROBERT G. TABOR 1800 West Park Row Drive, Suite 254 Arlington, Texas 76013 Telephone 817/460-5227

# EDUCATION AND HONORS:

Ph.D., Western Reserve University. Chief graduate subjects were organic chemistry and research. Thesis title was "Synthesis of Organic Fluorine Compounds of Biological Interest." Synthesized thirteen new organic fluorine compounds. Fuller Fund Fellowship, Society of Sigma Xi, Britton Fund Fellowship, listed in "American Men and Women of Science." Publications and patents.

SOCIETIES:

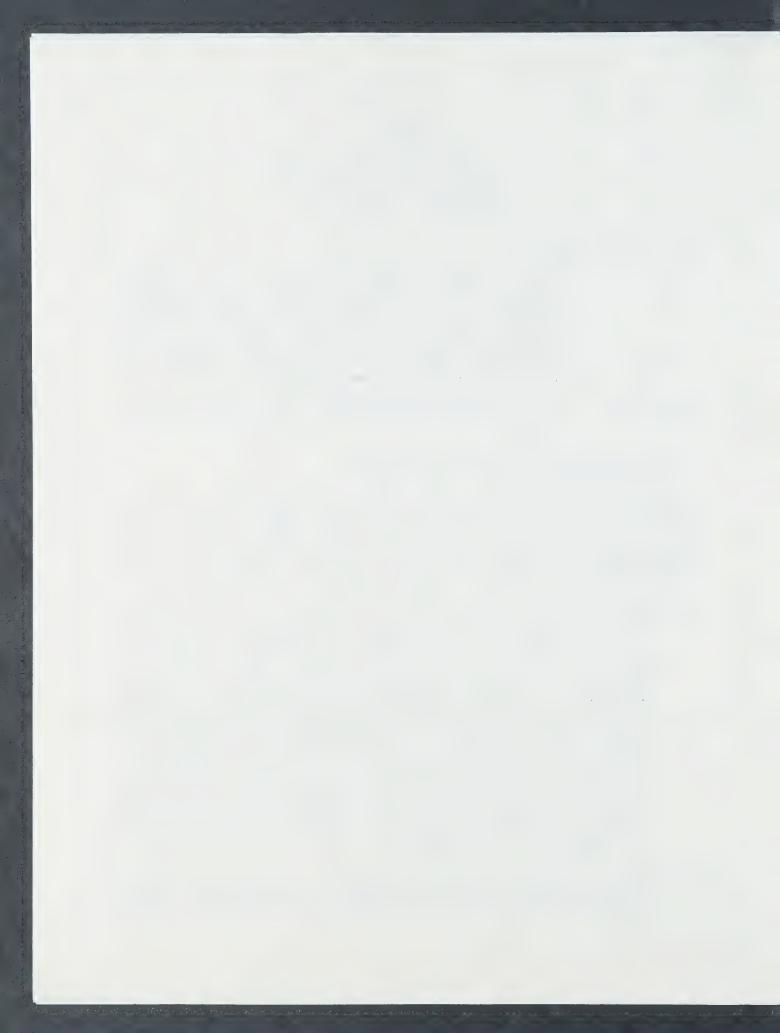
American Chemical Society, American Association for the Advancement of Science, Society of Sigma Xi.

### MAJOR FIELDS OF PROFESSIONAL EXPERIENCE:

Research and development, and consulting in organic synthesis, theoretical organic chemistry, medicinal chemistry, analytical chemistry and clinical chemistry. Other areas of experience include new product and formulation development, and process development. An additional area includes technical writing and preparation of documents for grant proposals, patents, procedure instructions, publications, and government regulatory documents.

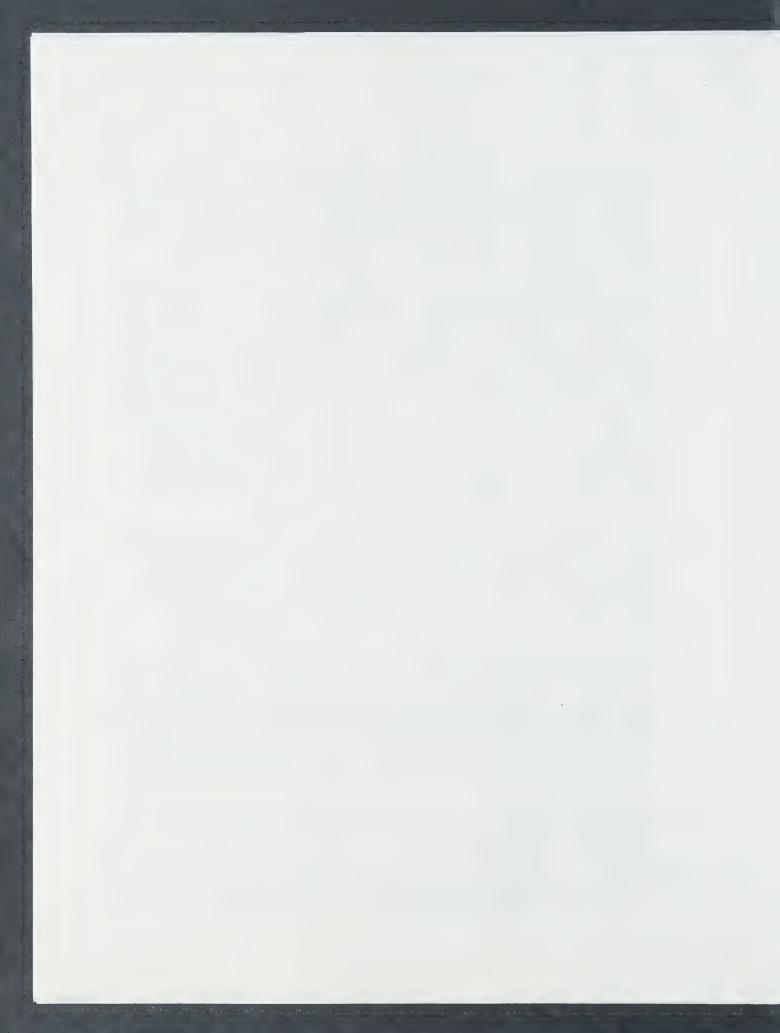
Organic Chemistry - Research and development in diverse areas such as synthesis, mechanisms; and compound isolation, purification, and identification. Included organic qualitative and quantitative analyses, and instrumental analyses. Some of the specific areas have included organic fluorine, phosphorus and sulfur compounds, heterocycles, amino acids and custom syntheses of many diverse chemicals and pharmaceuticals. Studies on polymers have included developing cross-linking reactions of water-soluble polymers, and investigating properties of polyurethans, urea-formaldehyde resins, and polyethylenes. Scale of work has ranged from milligram reactions to large laboratory and pilot plant operations. In addition to studying organic reactions, compounds prepared have had many applications ranging from those of pharmaceuticals and chemical intermediates to principles used in formulations for increasing underground oil flow to oil well shafts.

Medicinal Chemistry - Studied chemical structure-biological activity relationships to produce new therapeutic agents. Several kinds of new antimicrobials and potential biocides



were developed (halonitrosalicylanilides and polycyclic diketones, U. S. Patents: 3,278,372; 3,527,865; 3,904,695; 3,954,990). Some of these compounds exhibited toxicity toward certain kinds of tumor cells. In another area, synthesized putative metabolites and potential antimetabolites, such as trifluoromethylmethionine. Participated in research on the development of new pharmaceuticals.

- Biomedical Research and Clinical Chemistry Participated in research on chemical etiologies, and possible therapies of certain diseases. Areas of study have included neurological diseases and the "metabolite theory of psychosis", pharmaceutical therapy of alcoholism, cardiovascular disease, and cancer experimental therapeutics. Have been involved in multidisciplinary approaches which included work in biochemistry, pharmacology, medicinal chemistry, enzyme studies, animal behavioral studies, tissue analyses, and tests on animals. Specific techniques employed included syntheses of radioactive compounds, intermediary metabolism studies, and identification and quantification of metabolites. Other work included determinations of drugs and harmones by means of radioimmunoassay, development of analytical procedures for metabolites in tissue such as ATP in heart, and biogenic amines in brain.
- Quality Control Experience includes raw materials and water quality assurance for medical diagnostic kits. Specific areas have included development of numerous new analytical methods and quality control procedures. Some of the instrumentation used has included IR, UV, fluorimeters, GLC, AA, radiation counters, mass spectrometers, tensile testers, computers, etc.
- Product Development Experience has included developing or improving syntheses, scaling up syntheses, and developing new formulations, or improving existing ones. Formulations developed or improved have included topical skin products, diverse emulsions, metal cleaners, automotive compounds, oil well stimulation compounds, and aerosolized products. Mathematical approaches have been applied for the selection of the kinds and amounts of surface active compounds required to produce stable emulsions for various product formulations.
- Process Development Improving and providing solutions for: syntheses, scale-up problems, manufacturing problems, and formulation difficulties.
- Miscellaneous Technical writing experience including writing and having published papers in various journals. Experienced in writing patents, grant proposals, NDA and FDA



documents, and company promotional literature. Over 45 papers and patents have been published. Experience has included supervising small groups of chemists, consulting, and expert witness work.

# POSITIONS HELD:

Nova Enterprises	1978	to	Present
Arlington, Texas			
Consultant and Short-term Technical Projects			

Nuclear Medical Laboratories, Inc.	1975 to 1978
Division of Warner-Lambert, Inc.	
Dallas, Texas	
Chemist	

Self-employed	1972	to	1975
Arlington, Texas			
Consultant			

Arbrook, Inc.	1971	to	1972
Division of Johnson and Johnson, Inc.			
Arlington, Texas			
Head of Organic Chemistry			

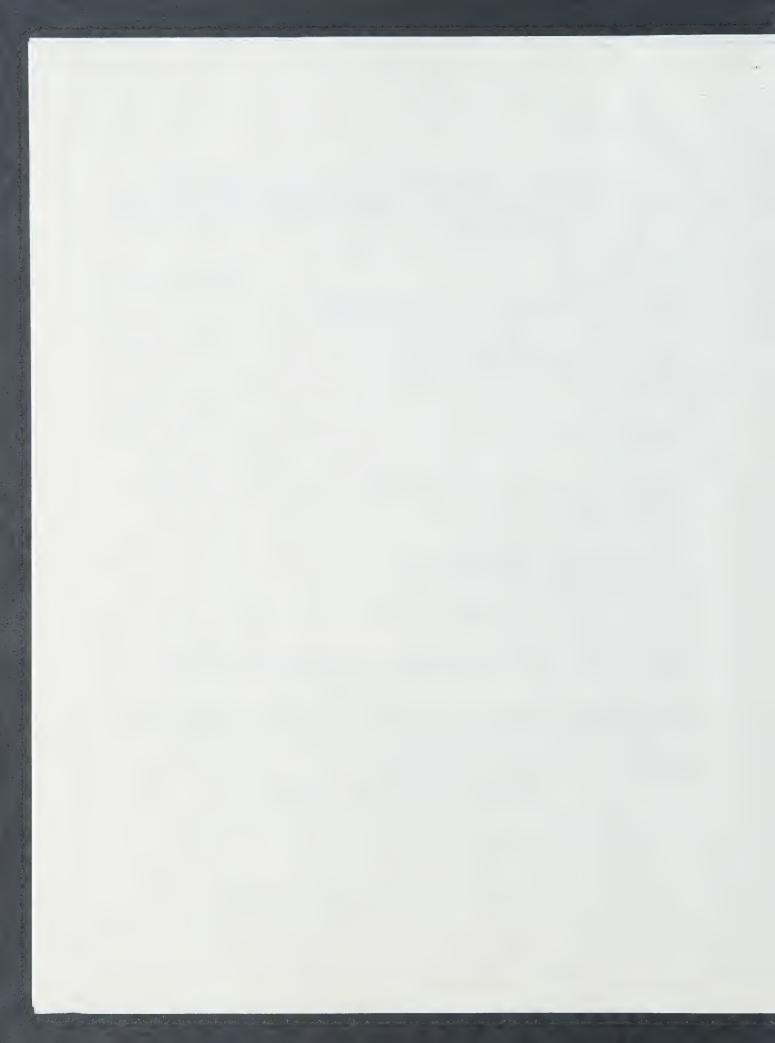
Enzomedic Laboratories, Inc.,	1968	to	1971
a.k.a., Schick Laboratories, Inc.			
Division of Eversharp, Inc.			
Seattle, Washington			
Head of Medicinal Chemistry			

Cleveland Clinic Fou	indation			190	0 4 1	196/
Cleveland, Ohio						
Staff and Principal	Investigator	on	National	Institutes	of	Health
Grant						

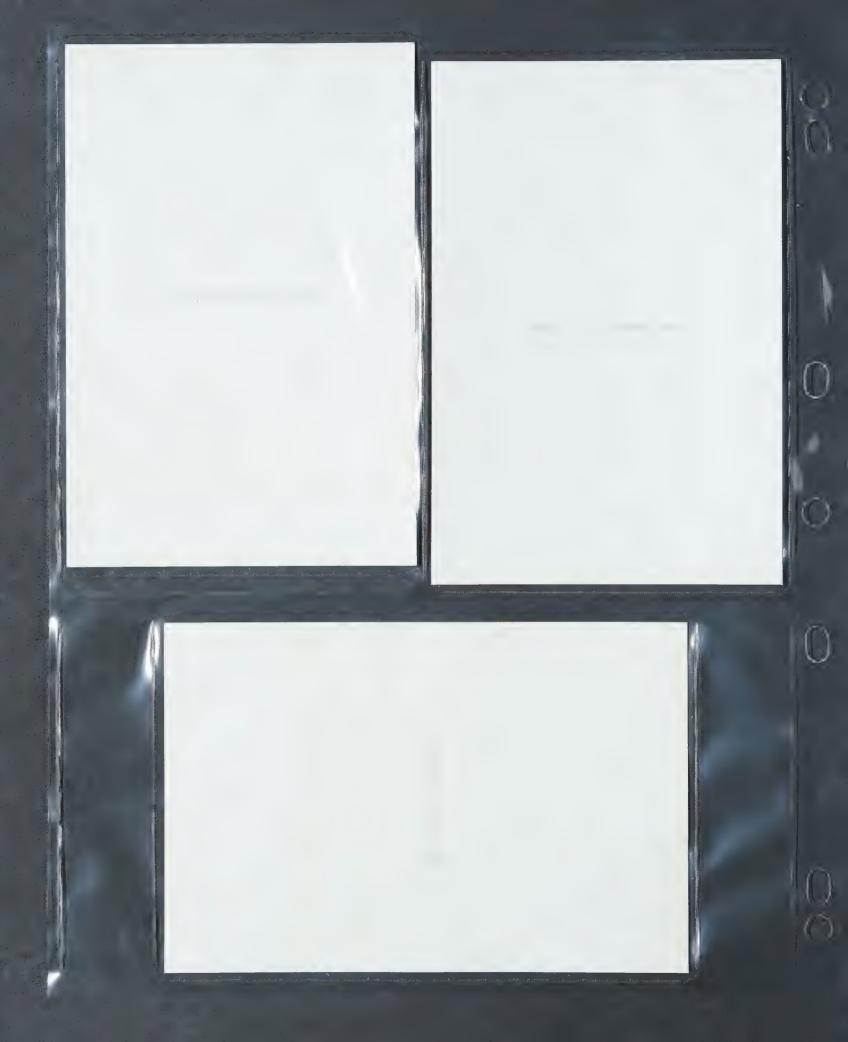
Ben Venus Laboratories, Inc.	1954	to	19€2
Bedford, Ohio			
Director of Research (1960-1962)			

# PERSONAL: Married, Two Children

REFERENCES FURNISHED UPON REQUEST







April 27, 1994

Professor James H. Hutchinson, Chair Department of Chemistry and Physics Middle Tennessee State University MYDU P.O. Box 68 Murfreesboro, Tennessee 37132

Dear Professor Hutchinson:

Isabel and I so enjoyed our visit with you.

Enclosed, as promised, please find the eleven copies of the <u>Aldrichimica Acta</u> which you and Dr. Martin Stewart require. Of these, Nos. 2 and 3 of Volume 1, are very rare, and the enclosed are among my last copies.

As you noted, Aldrich had three issues in those years marked with an "X".

All good wishes to you and Dr. Stewart.





# James H. Hutchinson

CHAIR
DEPARTMENT OF CHEMISTRY AND PHYSICS
MIDDLE TENNESSEE STATE UNIVERSITY
MURFREESBORO, TENNESSEE 37132

MTSU P.O. Box 68

Office. (615) 898-2956 FAX: (615) 898-5182

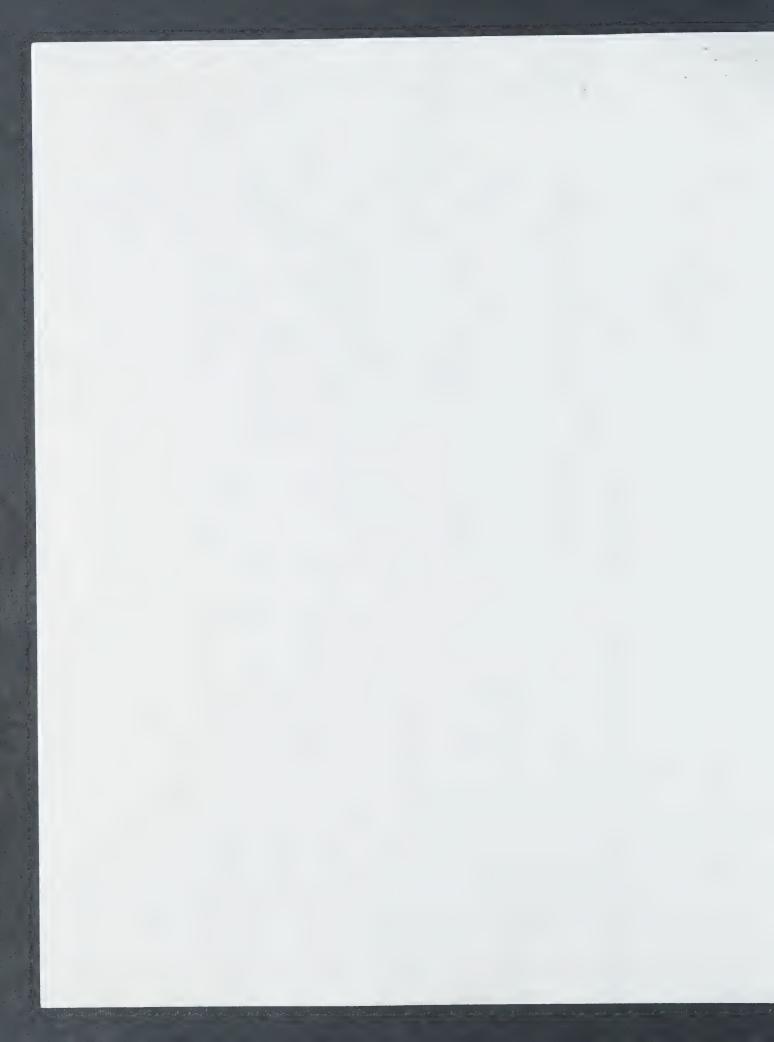
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# Aldrichimica Acta

Dr. Martin V. Stewart
MTSU Box 12-3
Middle Tennessee
State Un versity
Murfreeshore, TN

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16	(1983)	X	X	X	X	
17	(1984)	X	X	X®		



# National Chemistry Week

# **American Chemical Society** Nashville Section

Dr. James C. Howard Public Outreach Chairman Department of Chemistry and Physics Middle Tennessee State University Murfreesboro, TN 37132 615-898-2079

March 24, 1994

Dr. Alfred Bader 2961 North Shepard Avenue Milwaukee, Wisconsin 53211

Re: Nashville Section Presentation

November 7-13, 1993

Dear Dr. Bader:

It was a pleasure talking with you on the phone yesterday and I am looking forward to your presentations ("Josef Loschmidt" at 4:00 p.m. for our department and "The Bible..." for the general audience at 7:15 p.m.). I am inviting the faculty from our art department and their students to the evening lecture. I'll also try to find out what will be on display at our "Art Barn" for you and your wife to peruse earlier in the afternoon.

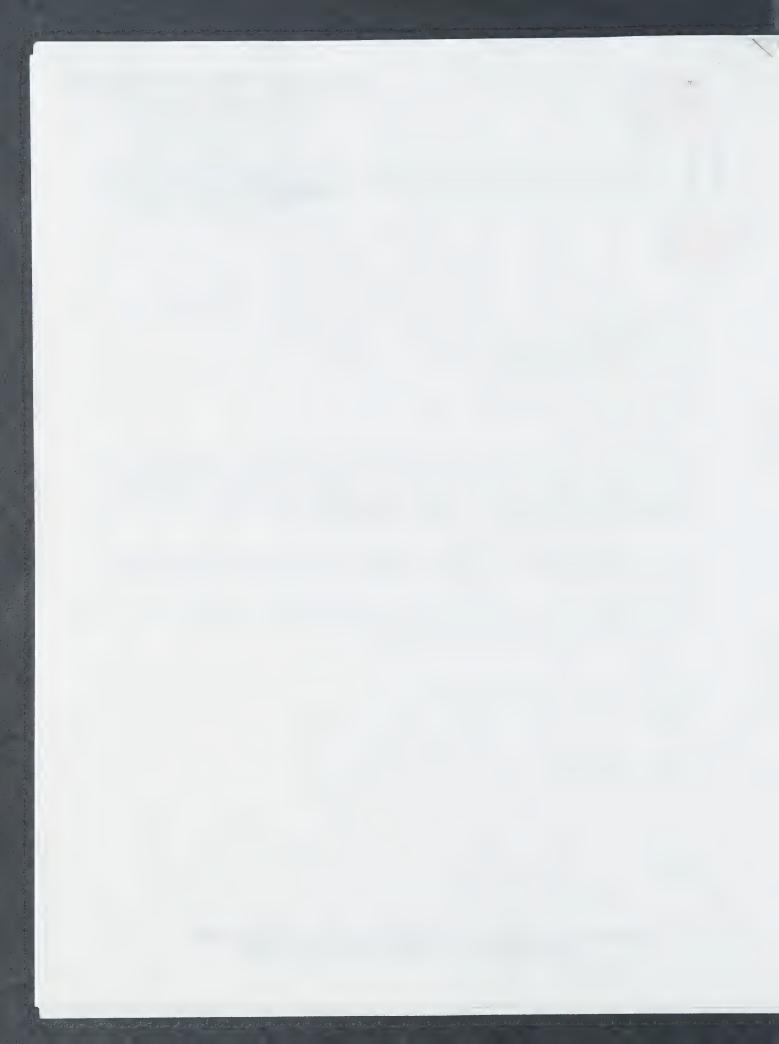
I have made a reservation in a nonsmoking room for the evening of April 12 at the Garden Plaza Hotel (confirmation number L410208670). Let me know if that needs to be changed.

I have prepared some directions from Memphis to here for you and a copy should be enclosed. Also, a visitors parking permit should be enclosed.

Sincerely,

James C. Howard, Ph.D. Associate Professor

Encls:



May 2, 1994

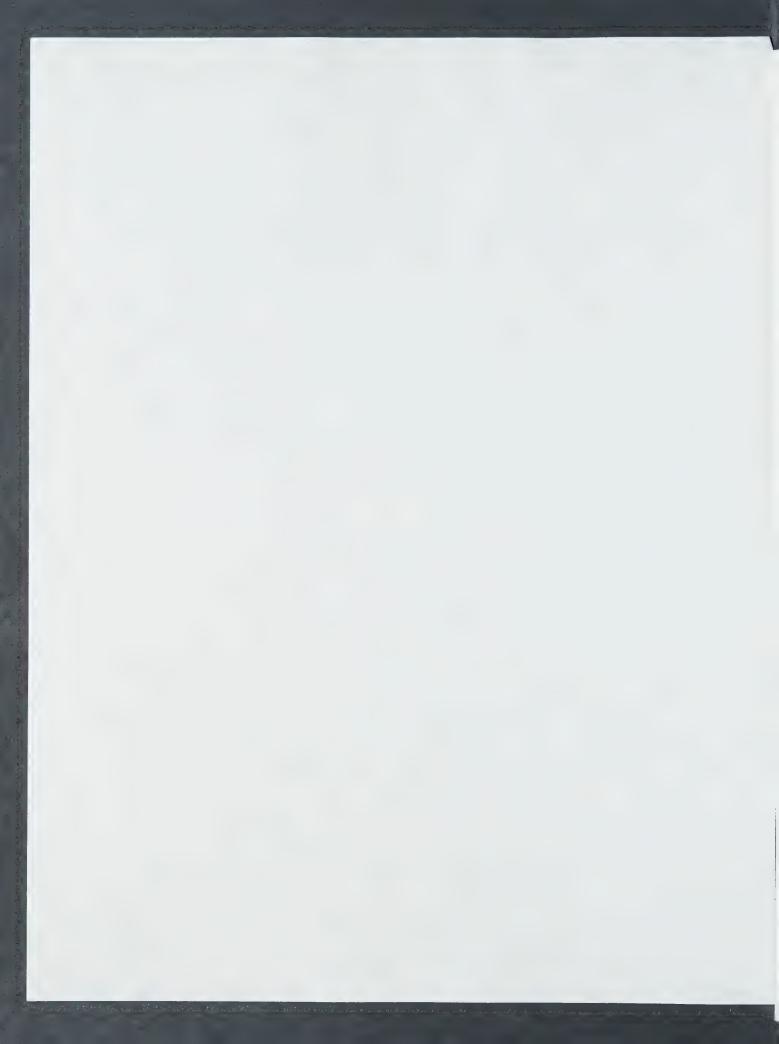
Professor Kelsey D. Cook Department of Chemistry University of Tennessee Knoxville, Tennessee 37996 1600

Dear Kelsey,

Thank you so much for sending me that beautiful book.

We really look forward to our first grandchild, expected in September, to be old enough to enjoy it as we do now.

All good wishes.



May 2, 1994

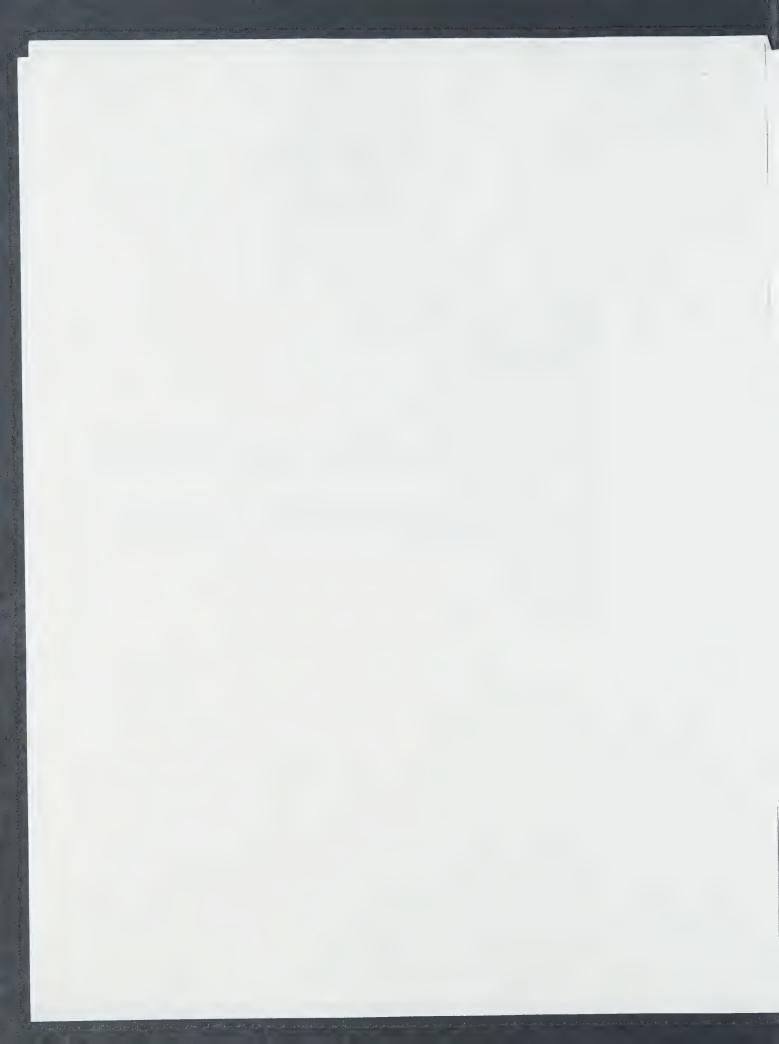
Professor L. Van Middlesworth Department of Physiology & Biophysics University of Tennessee 894 Union Avenue Memphis, Tennessee 38163

Dear Professor Van Middlesworth:

Thank you so much for your letter of April 13th. My answer has been delayed because you addressed your letter to Aldrich from which I was expelled two years ago; the enclosed describes the circumstances.

The Madonna and Child to which you refer belongs to Marion College in Indianapolis, and I don't have a print of that beautiful painting, but I think that Marion College might provide it.

All good wishes.



# THE UNIVERSITY OF TENNESSEE MEMPHIS The Health Science Center



College of Medicine
Department of Physiology and Biophysics
894 Union Avenue, Memphis, TN 38163
(901) 448-5822 • FAX (901) 448-7126

April 13, 1994

Dr. Alfred R. Bader Chairman Emeritus Aldrich Chemical Company 1001 West Saint Paul Avenue Milwaukee, WI 53233

Dear Dr. Bader:

My wife and I thoroughly enjoyed your lecture this week in Memphis. We are greatly impressed by your relaxed, well informed, well prepared and enthusiastic form of oral presentation. Thank you for coming.

Through the years we have been impressed with copies of paintings printed on the Aldrich catalogues and have ordered some of the prints offered. During your Memphis lecture this week we particularly were impressed by the painting which you restored showing baby Jesus, in the arms of his mother, pointing to the serpent and Joseph pointing to the bright sky. Would a copy of that painting be available and if so what is the number so that we may order it?

Sincerely,

L. VanMiddlesworth, Ph.D., M.D. Professor Emeritus, Physiology,

Biophysics and Medicine





April 18, 1994

Professor Kelsey D. Cook Department of Chemistry University of Tennessee Knoxville, Tennessee 37996 1600

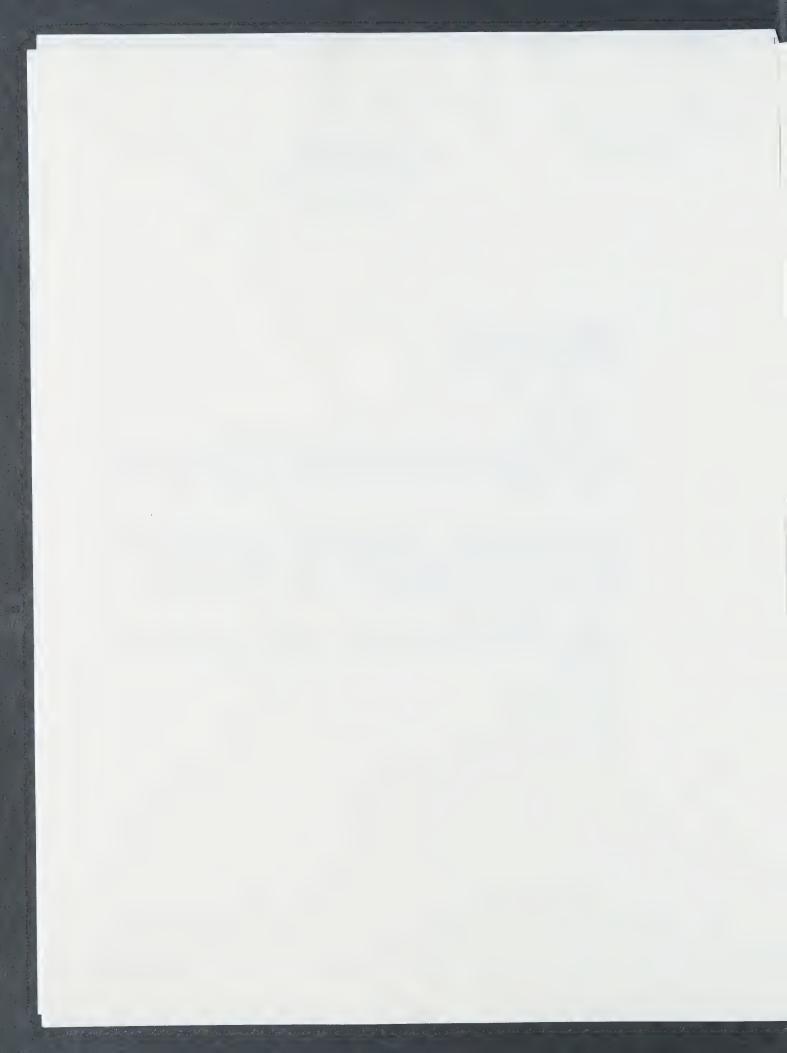
Dear Kelsey:

We spent a delightful week in Tennessee giving lectures from Memphis to Kingsport, but no stay anywhere gave us as much pleasure as our stay in Knoxville. That of course was because of your wonderful care. Please accept Isabel's and my sincere thanks.

The next day was fun, also. The talk in Kingsport was very well attended, about 100, but I particularly enjoyed the stay at that Morristown school, of which I had never heard before. Dr. Larry Kennard is a very enthusiastic fellow, and the students really seemed to enjoy the talk on the Bible. One of them actually came to the talk in Kingsport to hear me again.

Someday you might find it convenient to invite us to return to Knoxville and Morristown to give four or five lectures, and we certainly would enjoy being with you again.

All good wishes.





# AMERICAN CHEMICAL SOCIETY

EAST TENNESSEE SECTION April 15, 1994

Please address reply to:

Dr. Kelsey D. Cook Department of Chemistry University of Tennessee Knoxville, TN 37996-1600

Dr. and Mrs. Alfred Bader 2961 N. Shepard Avenue Milwaukee, WI 53211

### Dear Alfred and Isabel:

One behalf of the membership and Executive Committee of the East Tennessee Section of the ACS, and especially on my own behalf, I want to thank you for a most remarkably pleasant, informative, and stimulating series of talks and informal discussions here in Knoxville yesterday. Being your host was surely one of the most pleasant "percs" of the office of Local Section Chairman. I have already fielded compliments from colleagues in attendance, and regrets from those wide-travelling colleagues who had to miss your presentations. I was most grateful for the opportunity to make your acquaintance and to learn from your experience and insight. I regret only that the thought of visiting the antique shops in Old Town came to me too late; like the new talk about Anschütz and the others, that will have to be part of your next visit to East Tennessee!

In addition to your erudition, your generosity with both artistic and historical (re)prints was greatly appreciated. Rest assured that my "Alchemist" prints will find prominent homes on my cluttered office walls, while "The Detective's Eye" will find a more sheltered spot in my home study. At the end of the evening, I found myself possessed of copies of your Royal Institution Proceedings discussion of Loschmidt; The Kekule Riddle book flyer from Cache River Press; your April, 1992 "Letter to Chemists;" William Jensen's remarkable letter to Chemistry in Britain; and the "Portrait of a Connoisseur Chemist" from that "yellow" journal. We will publish this list in our next newsletter, and make these items available for copying by members of the local section.

I hope that I shall have the opportunity to be your host once again in Knoxville, and to accept your kind offer of hospitality in Milwaukee. Meanwhile, I and the other section members and guests will remember the lessons of your Loschmidt talk, and appreciate the insights provided from your talks at the Art Museum.

Sincerely, March Cook

Kelsey D. Cook Local Section Chair



# Meeting of the East Tennessee Section AMERICAN CHEMICAL SOCIETY

Thursday, April 14, 1994

DR. ALFRED BADER

FOUNDER AND PRESIDENT ALDRICH CHEMICAL COMPANY

LOSCHMIDT --

# THE FATHER OF MOLECULAR MODELING

UNIVERSITY OF TENNESSEE FACULTY CLUB DINNER: 6:30 P.M. AWARDS: 7:30 P.M. LECTURE: 7:45 P.M.

Please call Sharon Lantz (574-4882) or Sherie Simpson (974-3452) for Dinner and/or Talk reservations (Deadline: April 11)

# OTHER LOCAL PRESENTATIONS BY DR. BADER

- 1. Thursday, April 14, noon: The Bible Through Dutch Eyes: Rembrandt and the Jews, Knoxville Museum of Art Auditorium (co-sponsored by ET-ACS, KMA, and the UT Department of Art; the museum is on 11th Street north of Cumberland Avenue)
- 2. Thursday, April 14, 2:10 p.m.: <u>The Detective's Eye: Art Authentication</u>, Knoxville Museum of Art Auditorium (co-sponsored by ET-ACS, KMA, and the UT Department of Art)
- 3. Friday, April 15, 1:00 p.m.: <u>The Bible Through Dutch Eyes: Rembrandt and the Jews</u>, Walters State Community College (Morristown) Humanities auditorium (co-sponsored by ET-ACS and WSCC).





# AMERICAN CHEMICAL SOCIETY

EAST TENNESSEE SECTION April 15, 1994

Please address reply to:

Dr. Kelsey D. Cook Department of Chemistry University of Tennessee Knoxville, TN 37996-1600

Dr. and Mrs. Alfred Bader 2961 N. Shepard Avenue Milwaukee, WI 53211

Dear Alfred and Isabel:

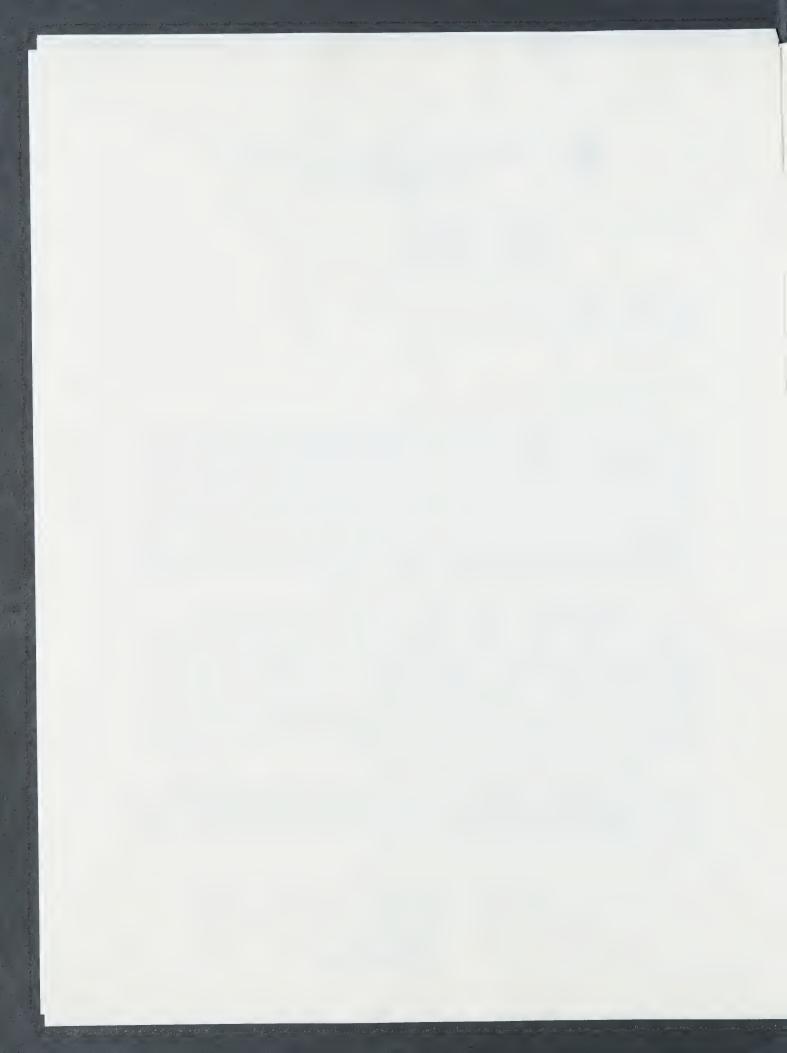
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I hope that I shall have the opportunity to be your host once again in Knoxville, and to accept your kind offer of hospitality in Milwaukee. Meanwhile, I and the other section members and guests will remember the lessons of your Loschmidt talk, and appreciate the insights provided from your talks at the Art Museum.

Sincerely,

Kelsey D. Cook Local Section Chair





# AMERICAN CHEMICAL SOCIETY EAST TENNESSEE SECTION

March 14, 1994

Please address reply to:

Dr. Kelsey D. Cook Department of Chemistry University of Tennessee Knoxville, TN 37996-1600

Dr. Alfred Bader 2961 N. Shepard Avenue Milwaukee, WI 53211

Dear Dr. Bader:

I am writing to confirm the arrangements for your April visit to East Tennessee. We have reserved a room for two at the Knoxville Hilton. On the chance that you might be a AAA member, I requested a AAA discounted rate (\$65); there will be no extra charge for sharing the room with your wife. To reach the Hilton from I-40, exit at James White Parkway (exit 388 A). Take the second exit from the Parkway (Cumberland Avenue). From Cumberland, turn right at the third light (Walnut). The Hilton will be one block up, on your left. I have enclosed a map to illustrate these instructions. All streets are one way, so there should be no ambiguity. Please call me (615-974-8019) when you reach the Hilton. I or a colleague will collect you there and provide all local transportation.

As you requested, I have contacted the Knoxville Museum of Art to arrange for presentations of your talks entitled "The Bible through Dutch Eyes" (at noon) and "The Detectives' Eye" (at 2:10). Each of these talks (to be held in the Museum's auditorium) is expected to last 45-50 minutes, plus 10-15 minutes for questions. The audience for the second talk will include a junior-level University of Tennessee Museology class. You and your wife are invited to lunch at the Museum Cafe between the talks, as guests of the Museum and the UT Department of Art. Your hosts there, Beverly Broyles and Dottie Habel, enthusiastically endorsed your suggestion to make available your expertise in identifying, evaluating, and suggesting restoration possibilities for art items brought by members of the audience. They also welcomed your offer to make available free reproductions of items from your collection. I will publicize these opportunities for the evening talk, as well.

After the second Museum talk, you will have a chance to unwind for a couple of hours at the Hilton, which is about 4 blocks from the Art Museum, and only a bit further from the University campus. If you have strength and inclination, I would be delighted to



show you something of the campus and/or the Chemistry Department during the afternoon. Your evening presentation, "Loschmidt - The Father of Molecular Modelling," will highlight our annual Local Section Awards Night meeting, which will take place at the University Faculty Club. The evening session will start with a mixer at 6 PM, dinner at 6:30, meeting (and awards presentations) at about 7:30, and your talk at about 7:45. We generally have 20-40 members in attendance at our meetings, including chemists and students. For your talk, I expect spouses will also attend. All three talks will be open to the public and publicized widely.

As we discussed, since the folks at Kingsport (your Friday tour stop) were unable to arrange a second talk, I have arranged for you to stop at Walters State Community College, which is conveniently located in Morristown, about an hour northeast of Knoxville, half-way to Kingsport. You will be presenting a luncheon talk there on Friday. Your host at WSU, Dr. Larry Kennard (a member of our Section's Executive Committee) will be in touch with you to arrange the details of that stop; he has promised that you will finish in time to allow a rest in Kingsport before your presentation there. As I mentioned, last month was our first experiment with an ACS talk in Morristown; Larry's efforts resulted in the largest crowd in memory!

We greatly appreciate your extraordinary enthusiasm and willingness to provide so much information during your brief stay in our area. If you need any additional information, please feel free to write or call.

Sincerely,
The he, No Clove

Kelsey D. Cook Local Section Chair

cc: Beverly Broyles, Dorothy Habel, Larry Kennard, Barbara Libengood





**East Tennessee Section American Chemical Society** 

## **AWARDS NIGHT**

Speaker:

**Dr. Alfred Bader**Founder, Aldrich Chemical Company

"Loschmidt - The Father of Molecular Modelling"

Thursday, April 14, 1994

The University of Tennessee Faculty Club

#### **Chemistry Olympiad Certificates:**

Presented by Greg Hurst (ORNL), Olympiad Committee Chair. Other members: Chuck Feigerle (UTK), Al Hazari (UTK), Chris Barshick (ORNL), and Stacy Barshick (ORNL).

Ben Cargile (Karns HS)
Nathan Cronan (Roane County HS)
Jared Mach (Morristown-Hamblen HS, West)
Samuel Neff (Karns HS)
Daniel Parker (Morristown-Hamblen HS, West)
Jeremy J. Ruddy (Oak Ridge HS)
James Wesolowski (Roane County HS)
Lisa Wong (Oak Ridge HS)

These eight students are our ETS-ACS representatives who will be among more than 1,100 nationwide to take a national qualifying exam April 22. Twenty finalists from that exam will undergo intensive training June 12-26 at the U.S. Air Force Academy in Colorado Springs. The top four will then be chosen to comprise the U.S. National Chemistry Olympiad team that will compete in the 26th International Chemistry Olympiad (IChO) in Oslo, Norway, July 3-11, 1994. The IChO involves a series of theoretical exams, laboratory exercises, and other activities aimed at identifying the best chemistry students from participating nations from around the world. This is the eleventh year of U.S. participation. Last year the U.S. team earned two gold and two silver medals, placing among the top three out of 37 participating nations.

## Volunteers in Public Outreach (VIP):

Presented by Gordon Jones (ORNL)

Edward Alperin, Shannon Auge, Kevin Benner, Alan Bleier, Abram Bradley, Duane Bruns, Terry Bunde, Kurt Clawson, Jennings Cline, Stephen Cristy, Julian Culvern, Dent Davis, Jr., James Dillard, David Dohery, Diane Doll, Charles Dorton, Carol Erikson, Arthur Fowler, Arlene Garrison, Roswitha Haas, Peggy Vanderhoff-Hanaver, Todd Hardt, David Harkins, William Hayden, Al Hazari, Earl Hinton, Jr., Carl Honaker, Camden Hubbard, Deborah Huntley, Gail Hutchens, Elijah Johnson, Gordon Jones, Lawrence Kennard, Adolf King, Harvey Kite, Margaret Kwoka, Jeanne Lauhoff, Milt Lietzke, Charles Longford, Clay McClarnon, Harold McDuffie, Jr., Dan Marsh, R. Maxwell, Sherman Meade, Ken Monty, John Nemeth, William Parkinson, Jr., Delmas Pennington, Harold Phillips, Rudolph Pletz, Laurie Prell, Worth Quillen, III, Marjorie Richardson, James Sand, Charles Schmitt, George Schweitzer, Percy Staats, Ronald Sternfels, Terryann Ternes, Elizabeth Terry, Edward Tyczkowski, Diane Vance, Amy Walker, James White.

One of the largest and most influential scientific organizations in the world, the American Chemical Society is dedicated to the advancement of the chemical sciences and professionals in the field. From this fundamental commitment, Public Outreach evolved.

The mission of the American Chemical Society Public Outreach Program is the message of the ACS membership:

Educate the public about what chemists do and replace skepticism with trust;

\*Foster interest in the field in tomorrow's scientists; \*Achieve recognition of our many contributions to society's well-being.

#### 50 Year Members:

Julian B. Culvern, R.E. Maxwell, Harold F. McDuffie, Jr., Henry W. Morgan, Edward B. Olszewski, and Frank M. Scheitlin

#### Past Section Chair's Pin:

Jack Young

#### **WATTec Scholarships:**

WATTec Committee: Al Hazari (UTK), David Cuneo (ORNL, retired), Mike Sepaniak (UTK), and Jack Young (ORNL).

Leslie Broyles (Carson-Newman Chemistry)
Paul Davis (UT Chemistry)
Brian R. Morris (UT Chemical Engineering)

## **Undergraduate Senior Chemistry Awards:**

Brenda Arrowood (Carson Newman Chemistry)
Rebecca Friederichsen (UT Chemistry)
Bradley Potter (UT Chemical Engineering)
Lori Schirmer (Maryville College)

#### **Graduate Student Award:**

(To be announced at the April 29 UT Chemistry Honor's Day.)

## Outstanding High School Chemistry Teacher:

Terry Uselton (Carter High School, Strawberry Plains)

## Special Recognition of Service:

Barbara Monopoli (IT Corp.), Newsletter Publisher, 1983-1994.

**D.A.** Shirley Award "for outstanding contribution to chemistry by a member of the East Tennessee Section in the form of teaching, research, and service to the profession."

Presented by Gleb Mamantov (UTK Chemistry)

Dr. W.D. ("Dub") Shults (ORNL)

#### ABOUT THE SPEAKER

Dr. Alfred Bader was born in Vienna, Austria. He received his bachelor's degrees in Chemical Engineering and History from Queens University in Ontario, a Master's degree in Chemistry from Queens University, and a Ph.D. in Chemistry from Harvard. He began his career with the research laboratories in the Paint Division of Pittsburgh Plate Glass Company in Milwaukee in 1950. In 1951, he and an attorney founded Aldrich Chemical Company with \$500. During its first year, Dr. Bader made one chemical, using a garage as a laboratory. The company had total sales that first year of \$1705. Dr. Bader left PPG in 1954 to become president of Aldrich. The company grew steadily, and in 1975 merged with Sigma. Dr. Bader remained with Sigma-Aldrich until 1991.

Dr. Bader has been awarded numerous honorary degrees and has won many awards, including the Engineer of the Year in Milwaukee and the Winthrop-Sears Medal. He is a Fellow of the Royal Society of the Arts and a Guest Curator at the Milwaukee Art Center. His current activities include completion of his autobiography, involvement in many ACS activities such as project SEED, and continuing his lifelong interest in art.

#### ABOUT THE LECTURE

One of the greatest scientific achievements of the century is the recognition that all matter is constructed of molecules, and that molecular modeling accurately depicts molecules in space. At the beginning of this century some scientists still doubted the very existence of molecules. Since then many physical methods such as NMR and X-ray crystallography have helped scientists to prove that molecules really look as the models show. The proof has been developed in the last two hundred years by many brilliant minds and today we deal with molecular modeling as a matter of course. Yet Josef Loschmidt, the first scientist who drew many molecules "geographically", i.e., in space, has been virtually forgotten.

Loschmidt was the first accurately to depict unsaturation through double and triple bonds, to predict the existence of cyclopropane, to show ozone as  $O_3$  and benzene as a molecule with six carbon atoms in a circle. His small book, *Chemische Studien I* was published in Vienna in 1861. It contains 368 graphic formulae, 121 of are aromatic.

The famous German chemistry, August Kekule, has generally been credited with being the first to describe benzene as a circular structure, in 1865. Later, he told how that idea came to him while on a bus in London or before a fire in Gehent - a snake biting its tail. But Kekule had certainly seen Loschmidt's book four years earlier, though he may not have understood it.

Loschmidt was a wonderful human being, total unmaterialistic, shy, self-effacing, loved by his colleagues in Vienna. He never pushed the priority of his work, but whoever reads it carefully today will realize that molecular modeling would have been developed a century earlier, if Kekule and his contemporaries had understood and encouraged Loschmidt.



Wellness Brown Bag Seminar: "Assertiveness—A Tool for Communication," by Ann O'Connor-Slimp, Ph.D., clinical psychologist, noon-1 p.m., Tuesday, April 12, 220 University Center.
Sponsored by the Wellness Office. For more information call Rosa Emory Thomas at 974-3135.

East Tennessee Archaeological Institute of America Lecture Series: "Archaeology and the African-American Presence at Blount Mansion," by Dr. Charles Faulkner, Department of Anthropology, 7:30 p.m., Tuesday, April 12, McClung Museum. For more information call 974-2144.

Brow Bag Lunch Lecture: "Harvesting the Past: Going Krogering in Prehistoric Tennessee," by Dr. Gary Crites, director of Paleoethnobotany Lab, McClung Museum, 12:15 p.m., Wednesday, April 13. For more information call 974-2144.

18th Annual Nielsen-Kronick Lecture: "Five Smooth Stones," by Ina J. Hughes, Knoxville News-Sentinel columnist, 7:30-9 p.m., Wednesday, April 13, Hodges Library Auditorium. Reception following in the Clayton Arnold Lounge of the Claxton Addition. Sponsored by the Department of Special Services Education. For more information call 974-8153 or 974-2321.

Her Cafe: "Ecofeminism," 5:30 p.m., Wednesday, April 13, Women's Center. Sponsored by the Women's Coordinating Council. For more information call 974-5455.

Meeting of the East Tennessee Section, American Chemical Society: "Loschmidt—The Father of Molecular Modeling," by Dr. Alfred Bader, founder and president, Aldrich Chemical Company; dinner, 6:30 p.m.; awards, 7:30 p.m.; and lecture, 7:45 p.m.; Thursday, April 14, Faculty Club. For dinner and/or lecture reservations call 574-4882 or 974-3452 by April 11. Other presentations by Dr. Bader on Thursday, April 14: "The Bible Through Dutch Eyes: Rembrandt and the Jews," noon, and "The Detective's Eye: Art Authentication," 2:10 p.m.; Knoxville Museum of Art Auditorium. For more information call Al Hazari at 974-1065.

Graduate Seminar in Public Health: "Importance of Nutrition in College Athletics," by Carol Costello, Ph.D., associate professor, Division of Hotel and Restaurant Administration, Department of Nutrition, 5:05-6:20 p.m., Thursday, April 14, 235 HPER Building. Open to the public and no registration necessary unless attending for course credit. For more information call 974-6647.

Plasma Science Seminar Series: "Factors Affecting the Plasma Ion Implantation of Metallic Samples," by Sanjay G. Kamath, C.r.A., Plasma Science Laboratory, 12:30-1:10 p.m., Friday, April 15, 504 Ferris Hall. All interested persons are invited to attend. For more information call Dr. J. Reece Roth at 974-4446.

## meetings/workshops

UT Personnel Department Employee Training and Development Workshops for staff and faculty. For more information or reservations call 974-6657.

- "WordPerfect Introduction," 10 a.m.-noon, April 11-15.
- "WordPerfect Windows Introduction," 3-5 p.m., April 11-15.
- "Windows Introduction," 8-10 a.m., April 11-15.
- "DBase Programming," 1-3 p.m., April 11-15.
- "Life Planning Seminar," 9-11 a.m., Tuesday, April 12.
- "Procrastination," 8:30-11:30 a.m., Wednesday, April 13.
- "Starpower," 1:30-4:30 p.m., Wednesday, April 13.
- "Effective Supervisory Practices (ESP), 1:30-5 p.m., Thursday, April 14.

## special events

Wesley Foundation Thursday Luncheon, 11:30 a.m.-1 p.m., every Thursday. Open to students, faculty, staff, and their guests. All you can eat for \$4. April 14 menu is chicken parmesan, tossed salad, bread, dessert, coffee, and iced tea. For more information call 522-2728.

Spring Fling Luncheon: 11:30 a.m., Friday, April 15, Calhoun's on the River. "A Very Special Point of View," by special guest speakers Mrs. Martha Holt, Mrs. Carolyn Boling, and Mrs. Pat Johnson, wives of UT presidents. Tickets are \$12 and are available from Linda Speckhart at 523-4079. Deadline is April 12. Sponsored by the UT Faculty Women's Club. For more information call Sharon Littlepage at 974-7439.

"Carnicus 94," 7 p.m., April 15 and 16, Alumni Memorial Building. Sponsored by All Campus Events. For more information call 974-5455.

## athletics/recreation

Baseball: Vols vs. Kentucky, 7 p.m., Friday, April 15; 4 p.m., Saturday, April 16; 2 p.m., Sunday, April 17; Lindsey Nelson Stadium.

## around knoxville

Knoxville Museum of Art at World's Fair Park: Hours are noon-5 p.m., every Sunday; 10 a.m.-5 p.m., Tuesday-Thursday and Saturday; and 10 a.m.-9 p.m. every Friday. Free admission. For more information call 525-6101.

• "The Eye of Jazz," portraits by photographer Herman Leonard, through April 22.

 "Alive After Five: Jazz, Food, Exhibitions, and Film," 5:30 p.m., every Friday through April 22.

 "Dreamtime: Australian Aboriginal Art from the Collection of John Kluge," through May 15.

• "The Arts of India, Selections from the Samuel P. Harn Museum, University of Florida," through May 29.

• "Fond Recollections: Paintings by William Russell Briscoe," through June 12.

 "Defying Gravity: Paintings by Robert Longo," through July 17. Davis-Kidd Booksellers Events, 113 North Peters Road, Knoxville. For more information call 690-9345:

 Book Signing and Discussion: Chris Glaser author of Coming Out to God: Prayers fro Lesbians and Gay Men, Their Families and Friends, 7 p.m., Monday, April 11.

 Mystery Book Club, 6:30 p.m., Tuesday, April 12. Farriers' Lane by Anne Perry will be

discussed.

"'Specially for Kids!" 11 a.m., Saturday,
 April 16, Children's author Tres Seymour will
 read from his books and discuss writing with
 children and parents. Book signing and
 question and answer session noon-1 p.m.. No
 reservations or admission fee.

• Book Signing and Discussion: Betty Palmer Nelson, author of *Uncertain April*,

4-5:30 p.m., Sunday, April 17.

More Fun Than Bowling, 8:15 p.m., every Thursday, Friday, and Saturday, through through April 30, West Side Dinner Theatre. Buffet at 6:45 p.m. For more information and reservations (recommended) call 966-8768.

"New Work," by Jeffrey Prentice, through May 7, Belleza Salon. For more information call 558-8424.

The Knoxville Symphony Designers' Showhouse VII, 9 a.m.-4 p.m., Monday through Saturday and 1-5 p.m., Sunday, through May 1, 3957 Kingston Pike. Sponsored by the Knoxville Symphony League. For more information call 523-1178.

Knoxville Chapter of Tennessee Right to Life, 7 p.m., Tuesday, April 12, Shoney's on Clinton Highway. For more information call 584-0310.

Robert Goulet in *Camelot*, 8 p.m., Tuesday-Friday, April 12-15; 2 p.m. and 8 p.m., Saturday, April 16; 2 p.m. and 7:30 p.m., Sunday, April 17, Knoxville Civic Auditorium. For more information call 656-4444 or 544-5388.

Ijams Nature Center Events. For more information call 577-4717.

• "Frog Walk: A Toadily Fun Program," 7 p.m., Friday, April 15.

• Earth Day Celebration, 2-5 p.m., Sunday, April 17.

Jubilee Community Arts presents the trio Freyda and Acoustic AttaTude, 8 p.m., Saturday, April 16, Laurel Theatre. For more information call 522-5851.

Greater Knoxville Rubber Duck Race, activities, 9 a.m.; race, 12:01 p.m., Saturday, April 16, Water Front Park. For more information call 524-1214.

Knoxville Chamber Orchestra Series, "Concerto Gala," Kirk Trevor, music director and conductor, 8 p.m., Saturday, April 16; 3 p.m., Sunday, April 17; Bijou Theatre. For more information call 523-1178.

The Women's Crisis Center of Oak Ridge Fund-Raising Banquet, 6:30 p.m., Saturday, April 16, Oak Ridge Civic Center. For ticket information call 482-0092.

Dogwood Ball, 8 p.m., Saturday, April 16, Knoxville Civic Coliseum. For more information call 544-5399.

Dogwood Arts Festival, through April 24. Daily events, trails, open gardens, activities on Market Square, bus tours, arts, etc. For more information call 637-4561.

TENNESSEE THIS WEEK is produced by the Office of University Relations, University of Tennessee, Knoxville, 107 Communications Bldg., Knoxville, TN 37996-0315. Phone 974-2225. Publication No. B01-0425-015-94.

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UT Knoxville does not discriminate on the basis of sex or handicap in its educational programs and activities, pursuant to requirements of Title IX of the Educational Amendments of 1972, Public Law 93-318, and Section 504 of the Rehabilitation Act of 1973, Public Law 93-112, and the Americans With Disabilities Act of 1990, Public Law 101-336, respectively. This policy extends both to employment by and admission to the University.

Inquiries concerning Title IX, Section 504, and the Americans With Disabilities Act of 1990 should be directed to the Office of Affirmative Action, 403-C Andy Holt Tower, The University of Tennessee, Knoxville, Knoxville, Tennessee, 37996-0144; or telephone (615) 974-2498. Charges of violation of the above policy also should be directed to the Office of Affirmative Action.

# This Week

April 11-17, 1994

## performing arts

The Royal Hunt of the Sun, presented by the Clarence Brown Theatre Company, 8 p.m., April 15-May 1, Clarence Brown Theatre. For more information call 974-5161.

Cultural Attraction Series: The Choir of Canterbury Cathedral, 8 p.m., Friday, April 15, Church Street United Methodist Church. Tickets available at UT Central Ticket Office in Thompson-Boling Arena; Proffitt's stores; The Rhythm Section, Gatlinburg; and CAT's CDs and Cassettes on Kingston Pike and Clinton Highway. \$3 students; \$8 faculty and staff; \$10 general public. For more information call 974-5455.

UT Department of Music public performances. For more information call 974-3241. Unless otherwise noted, programs take place in the UT Music Building Recital Hall and are open to the public without charge.

• Trombone Night, directed by Don Hough, 8 p.m., Monday, April 11.

 Recital: Tracy Lynn Grindstaff, piano, 6 p.m., Tuesday, April 12.

• Joint Recital: Josh Walker and Jeff Mize, trombone, 8 p.m., Tuesday, April 12.

 Recital: Jon Whitlock, percussion, 8 p.m., Tuesday, April 12, University Center Auditorium.  UT Percussion Ensemble and Marimba Choir, directed by F. Michael Combs and Keith Brown, 8 p.m., Thursday, April 14.

• Recital: Jason Oettel, string bass, 6 p.m.,

Friday, April 15.

 Joint Recital: Michael Carter, percussion, and Jennifer Wilson, flute, 6:30 p.m., Friday, April 15, Sevier Heights Baptist Church.

• Recital: Laurie A. Rodgers, trombone, 8 p.m.,

Friday, April 15.

 UT Symphonic Band, directed by James R. Sparks, Patricia Root, and Jay Romines, 3 p.m., Sunday, April 17.

• Recital: Julie Cook, violin, 6 p.m., Sunday,

April 17.

Sacred Music and Dance of Ganden Jangtse Tibetan Buddhist Monastery, performed by the Ganden Monastery Monks, 8 p.m., Saturday, April 16, UT Music Hall. Tickets available at the door. \$10 adults, \$5 children and students. Sponsored by Losel Shedrup Ling of Knoxville—Tibetan Buddhist Center; UT Departments of Art, Music, and Asian Studies; University Studies Committee; Center for International Education; and McClung Museum. For more information call 584-1347 or 689-4624.

## films/tapes/videos

Bean and Pather Panchali, 7 p.m., Wednesday, April 13, University Center. \$1 students, \$2 others.

The Fugitive, 7 and 9:30 p.m., April 15 and 16, University Center. \$1 students, \$2 others.

The Piano, 7 and 9:30 p.m., Clarence Brown Theatre. \$2 students, \$3 others.

## exhibits

"1994 Sculpture Tour," continuous exhibit of outdoor sculptures at selected campus locations. The tour, sponsored and assembled by the Cultural Affairs Board, the Office of the Chancellor, and the Department of Art, marks its tenth year with a change from an annual to a biennial format. Maps of the tour are available at the University Center Information Desk, the Circle Park Information Booth, the Ewing Gallery of Art and Architecture, and 213 Art and Architecture Building. For more information call 974-4267.

Frank H. McClung Museum: hours are 9 a.m.-5 p.m., Monday through Friday; 10 a.m.-3 p.m., Saturday; and 2-5 p.m., Sunday. Admission and parking are free. For more information call 974-2144.

• Object of the Month: "Tennessee's Native Cultivated Plants," through April 30.

• "Ancient Egypt: The Eternal Voice," permanent exhibit.

 "The American Indian in Tennessee: An Archaeological Perspective," continuing exhibit.

• "The Geological and Fossil History of Tennessee," continuing exhibit.

• "Lucy and Her Relatives: The Emergence of Humans," continuing exhibit.

• "Treasures Past and Present: Freshwater Mussels," continuing exhibit.

• "Tennessee Digs: 60 Years of UTK Archaeology," through May 15.

The Exhibits Committee presents "Art of Tim McDowell," through April 29, University Center Concourse.

## lectures

Lunchtime Seminars: "Writing Tips," by Dr. Linda Francisco, noon-1 p.m., Tuesday, April 12, 250 University Center. Sponsored by the Office of Re-Entry and Non-Traditional Students. For more information call 974-4504.

#### **ENTERTAINMENT**

# Trombones begin week of UT music

The University of Tennessee music department offers several free recitals and concerts this week:

- The UT music department presents "Trombone Night" at 8 p.m. Monday, April 11, at the UT Music Hall. Guest soloist is Bill Huber, a former trombone student at UT who is now a succesful freelance soloist in Nashville. The concert director is Don Hough, principal trombone with the Knoxville Symphony Orchestra.
- John Whitlock will present a solo percussion recital at 8 p.m. Tuesday, April 12, at UT's University Center auditorium.
- Pianist Tracy Lynn
  Grindstaff will be in recital at 6
  p.m. Tuesday, April 12, at the UT
  Music Hall. The program includes
  works by Brahms, Copeland and
  Vivaldi. She will be assisted by
  bassist Jon Steele and flutist
  Belinda Batson.
- Josh Walker and Jeff Mize will be in recital at 8 p.m.
  Tuesday, April 12, at the UT Music Hall.
- The UT Percussion
  Ensemble and Marimba Choir
  will perform at 8 p.m. Thursday,
  April 14, at the UT Music Hall.
  The Sevier County High School
  Percussion Ensemble will be
  guest performers. The program
  includes "Latin Symphony,"
  composed by UT graduate
  percussion student Clint Juday.
  The UT Steel Band also will
  perform.

■ Percussionist Michael Carter and flutist Jennifer Wilson will be in recital at 6:30 p.m. Friday, April 15, at Sevier Heights Baptist Church. Carter leads the orchestra at Sevier Heights.

Jason Oettel will present a string bass recital at 6 p.m. Friday, April 15, at the UT Music Hall.

■ Trombonist Laurie A. Rodgers will perform at 8 p.m. Friday, April 15, at the UT Music Hall. Pianist Carol Zinavage will accompany.



## Laurel Theater has 'AttaTude'

The acoustic trio Freyda and Acoustic AttaTude will perform at 8 p.m. Saturday, April 16, at the Laurel Theater, 1538 Laurel Ave. The trio is Bob Vasile and former Trapezoid band members Freyda Epstein and Ralph Gordon. Their performances feature voice, mandolin, guitar, bass, cittern and violin.

## Alfred Bader to lecture on art, science

Celebrated chemist and art expert Dr. Alfred Bader will demonstrate his knowledge of both chemistry and art with three lectures in Knoxville on Thursday, April 14.

Bader, a collector of Old Master paintings, will present the lecture "The Bible Through Dutch Eyes: Rembrandt and the Jews" at noon at the Knoxville Museum of Art. He recently presented the lecture at the National Gallery in London.

A second lecture, titled "The Detective's Eye," will be presented at 2:10 p.m. at the museum. The subject is art authentification. Audience members are invited to bring paintings for Bader to appraise, indentify and provide advice on restoration.

Admission is free to the museum lectures.

Bader is the founder of Aldrich Chemical, one of the world's largest specialty chemical companies. He will present the lecture "Loschmidt: The Father of Molecular Modelling" at an awards dinner hosted by the East Tennessee Section of the American Chemical Society.

The dinner begins at 6 p.m. at the University of Tennessee Faculty Club. Bader will speak at 7:45 p.m.

Tickets to the buffet dinner are \$14. The deadline to purchase tickets is Monday, April 11. Call Sherie Simpson at 974-3452.

### Three architecture lectures this week at UT

The University of Tennessee Architecture Lecture

## Knox is in '

By Doug M News-Sentir

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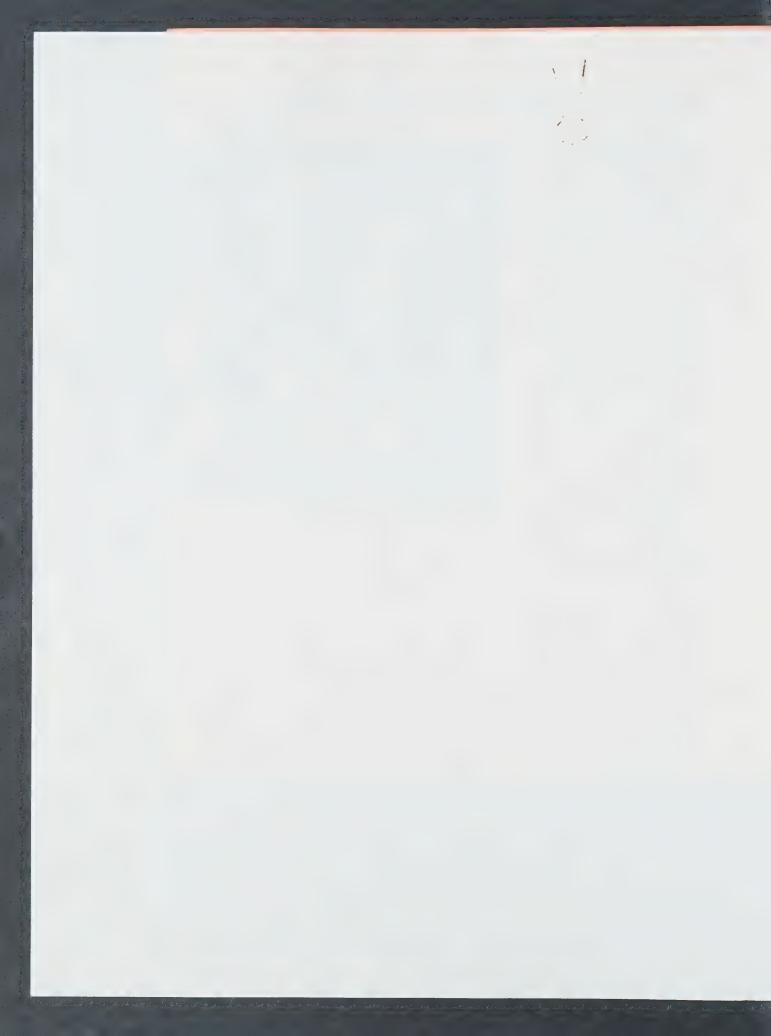
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## Author will sign

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Glaser of copies of "Co: Prayers for L Men, their Fa at 7 p.m. Mon author, a grac Divinity Sche the Presbyter Study Homos



#### CARL TENPAS 403 Tamarack Ballwin, MO 63011

August 16, 1993

Dr. Alfred Bader 2961 North Shepard Milwaukee, WI 53211

Dear Alfred:

Just a quick note to advise you that I have joined the sales group of Applied Biosystems, a division of Perkin Elmer Corporation. I am based in St. Louis with responsibilities for the central midwestern states. Applied Biosystems manufactures and markets equipment and reagents for synthesis and analysis of biomolecules.

Your observations and suggestions have been valuable to me and I appreciate the time you were able to spare on my behalf. If I may be of assistance to you, please contact me at:

Applied Biosystems 403 Tamarack Ballwin, MO 63011

Office: (314) 227-8448 or 1 800 545-7547 ext. 2495

Thanks again for your interest and help. I remain,

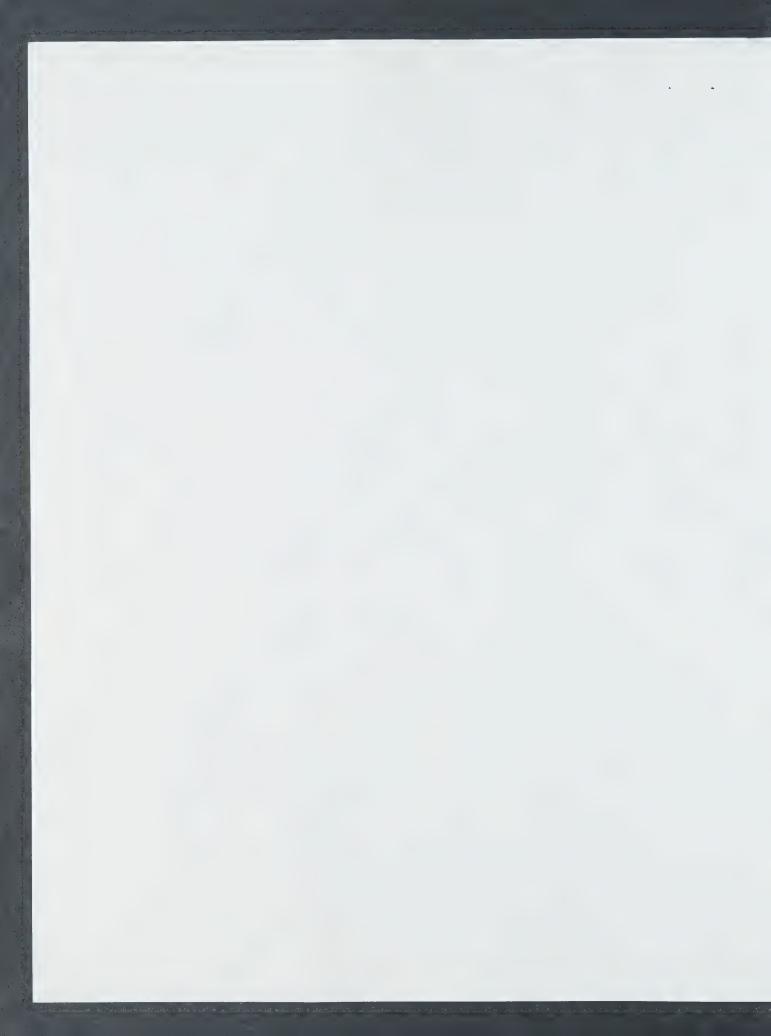
Sincerely,

Carl

Carl

Thanks for your Kind words -I will stay in touch.

The best to your



Dr. Alfred R. Bader 2961 North Shepard Avenue Milwaukee, Wisconsin 53211 bc C. Tenpar

June 23, 1993

Via Fax 915 694 2387 Confirmation by Mail

Dr. Richard V. Case, President The Midland Certified Reagent Company 3112A West Cuthbert Avenue Midland, Texas 79701

Dear Dr. Case:

This letter is in response to your fax of June 18th to Dr. Bader regarding Carl Tenpas. Dr. Bader is in England, and when I spoke to him late yesterday he instructed me to send you the following:

I have known Carl Tenpas for more than ten years, and he is competent, reliable, and of high integrity. I can recommend him highly.

Should you wish to contact Dr. Bader directly, a letter can be addressed to him, as follows:

52 Wickham Avenue Bexhill-on-Sea East Sussex TN39 3ER England

He can be reached by telephone (unless travelling for a couple days or in London), generally late in the day between three and four in the afternoon Milwaukee time, which I believe is the same as in Midland. The number is 011 44 424 222 223.

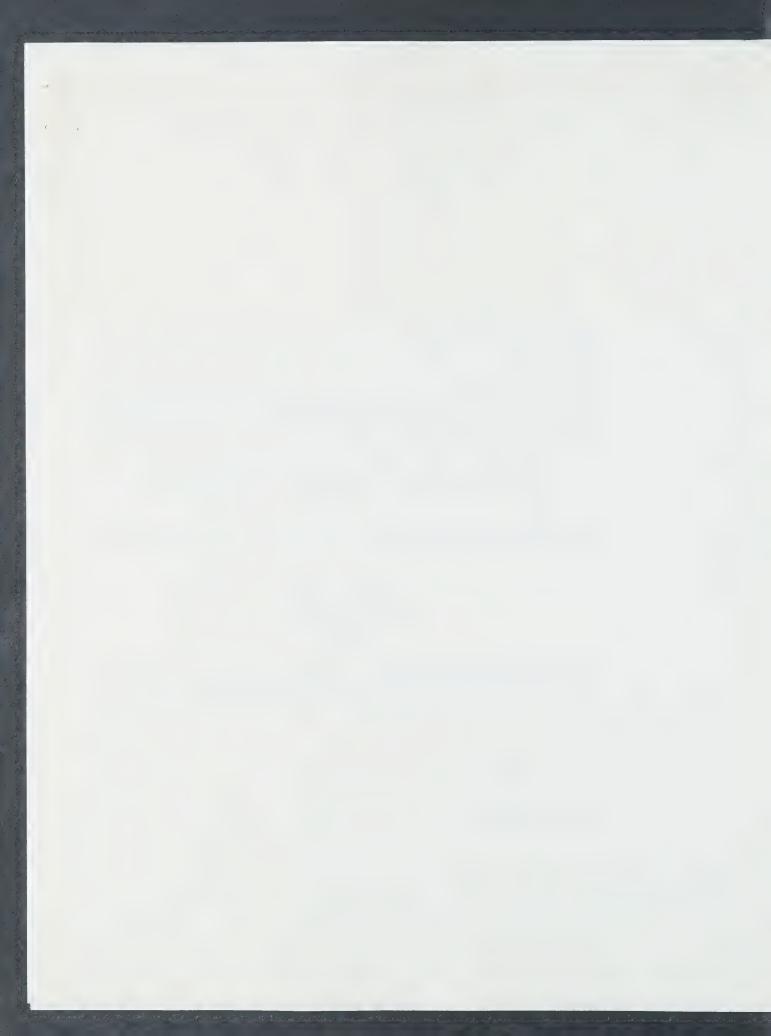
Cordially,

Marilyn Hassmann

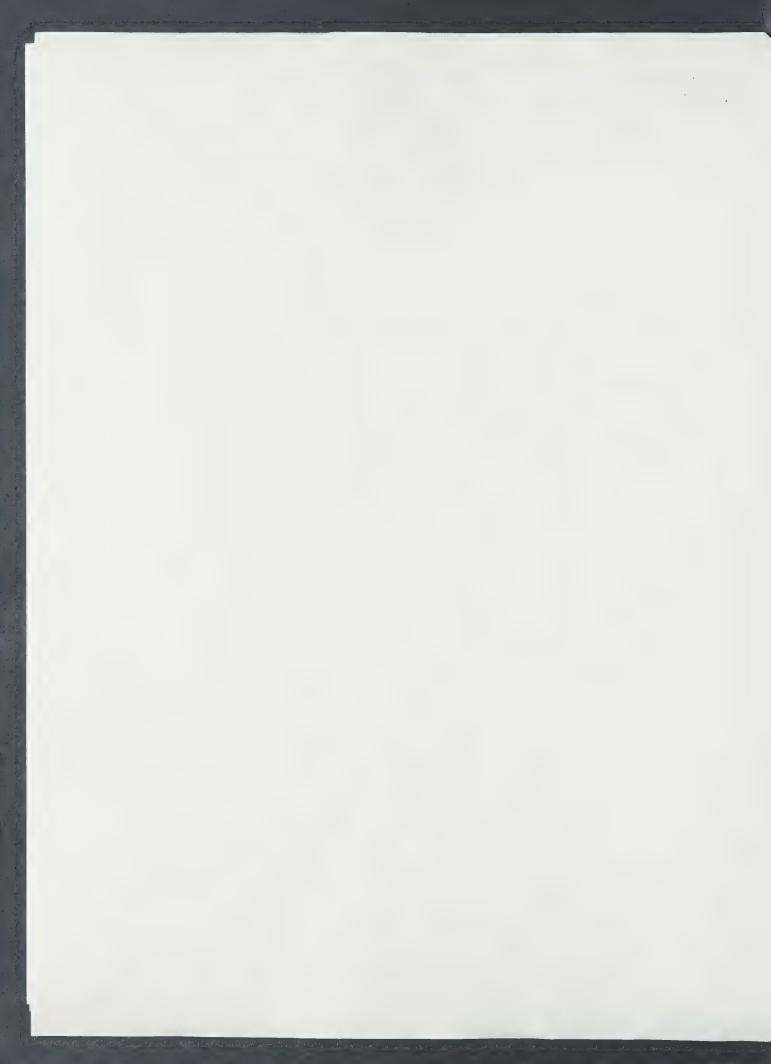
Secretary to Dr. Bader





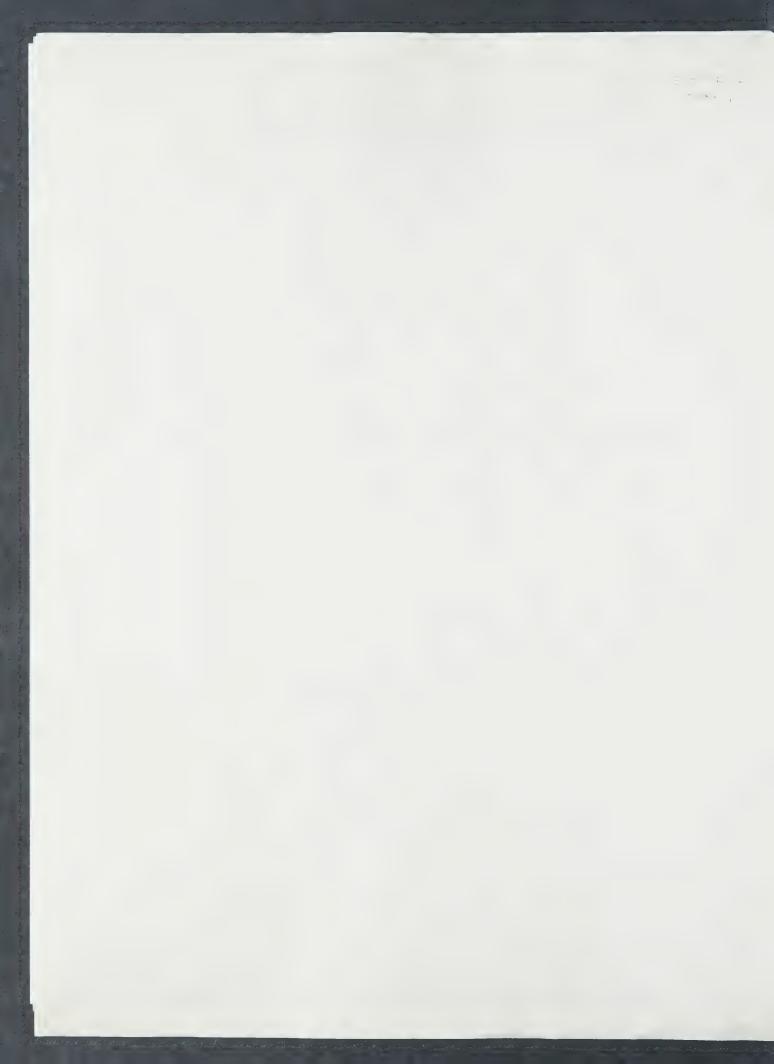


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### THE MIDLARD COMPANY

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## Laboratory for Molecular Structure and Bonding

Department of Chemistry Texas A&M University College Station, Texas 77843-3255 FAX (409) 845-9351

March 31, 1994

Dr. Stephen J. Branca
Director, Publications & New Products
Aldrich Chemical Company, Inc.
P.O. Box 355
Milwaukee, WI 53201

Dear Dr. Branca,

We were quite disappointed by your refusal to contribute to the endowment for the F. A. Cotton Award and Lectureship. While it may be true that you receive "hundreds of requests for contributions yearly" it cannot be true that you often are asked to make a contribution to a fund that will be as prestigious as this one. Every year a famous chemist will be honored and numerous graduate students at and near Texas A&M will benefit from the opportunity to hear lectures from that person and several others.

Moreover, Professor Cotton is the sort of chemist of whom you might hear once in a decade, not hundreds of times per year.

Finally, considering the enormous amount of business Aldrich has done with the Cotton research group, and those of his one to two hundred former students and postdoctoral fellows, your totally negative response seems entirely unfitting.

Clearly, the Aldrich Chemical Company has totally lost the spirit of its beloved founder, Dr. Alfred Bader. This is very unfortunate.

Yours sincerely,

Carlos A. Murillo

John P. Fackler, Jr.

cc: Dr. Jai Nagarkatti
Aldrich Chemical Company
P.O. Box 355
Milwaukee, WI 53201

Dr. Aldred Bader 2961 N. Shepard Avenue Milwaukee, WI 53211

Carlos A. Murillo (409) 845-3646

John P. Fackler, Jr. (409) 845-0648 FACKLER@CHEMYX.TAMU.EDU





INSTITUT FUR EXPERIMENTALPHYSIK

WIEDNER HAUPTSTRASSE 8-10/131 A-1040 WIEN TEL. 01/588 01 FAX 01/586 31 91 FTX (232) 3222467 = TUW INSTITUT 131

Herrn
Dr. Alfred Bader
924 East Junean
Suite 622
Milwaukee, Wisconsin 53202
USA

DATUM 16.9.1996
UNSER ZEICHEN RL/pa
SACHBEARBEITER
NEBENSTELLE 5708

Sehr geehrter Herr Doktor Bader!

Herr Professor Kirchmayr befindet sich auf einer längeren Dienstreise und wird erst wieder im Oktober in Wien sein. Er hat mich daher gebeten, an seiner Stelle Ihre Briefe zu beantworten.

In den im Archiv unserer Universität aufliegenden Matrikenbüchern aus den Jahren 1842 - 1846 befinden sich die von Ihnen gewünschten Eintragungen über Loschmidt. Kopien davon liegen diesem Brief bei.

Über die Art der Prüfungsbeurteilung und die Ausstellung von Zeugnissen gibt die ebenfalls beiligende Broschüre von Frau Juliane Mikletzky "Zeugnisse und Diplome der Technischen Unviersität Wien und ihrer Vorgängerinstitutionen von 1815 bis zur Gegenwart" Auskunft.

Ferner sind auch Kopien einiger Artikel über Loschmidt diesem Brief angeschlossen.

Ihre Frage, wer die ersten jüdischen Studenten am k.k. Polytechnischen Institut waren, ist nicht so leicht zu beantworten.

In den Matrikenbüchern von 1816 bis 1820 sind die Religionsbekenntnisse bei den Personalangaben nicht eingetragen. Gegebenenfalls kann man vielleicht eine Zugehörigkeit der Studenten zur mosaischen Religion aus dem Namen oder aus dem Beruf des Vaters ableiten. Allerdings sind in diesen ersten Büchern die Eintragungen lückenhaft, so fehlen u.a. oft die Berufsangaben.



In diesem Sinne finden sich folgende Namen:

1816

Uffenheimer

Werthheimstein

1817

**Eduard Lewy** 

Joseph Muttersgleich

1818

Alexander Corradini (Triest), Wechsler

Moritz Hönigshof, Großhändler

Franz Sartoris (Triest), Wechsler

Josef Salomon

1819

Moritz Brückner, Fabrikant

Anton Ehrenfeld, Essigfabrikant

Samuel Mautner

Moritz Taglicht

Karl Lebensaft

1820

Salomon Karpelles

Samuel Volhasitz

- Anton Ehrenfeld

"Our" Ehrenfels der Israelite ??

In den Matrikenbüchern von 1820/21 ist bei den Rubriken "Bemerkungen" oder "Namen" gelegentlich der Vermerk "Israelit" zu finden, wie Sie aus den beiliegenden auszugsweisen Kopien ersehen können.

In einem der Bücher fand sich auch ein loses Blatt mit den Namen von Israeliten. Auch hier liegt eine Kopie bei.

1830 Bemerkt sei noch, daß im Jahre 1930 Wien 318.000 Einwohner hatte, davon waren 1596 Juden.

Weitere Unterlagen zur Beantwortung Ihrer Fragen waren nicht aufzufinden.

j

Die Israelitische Kultusgemeine in Wien konnte zu diesem Thema keinerlei Auskünfte geben.

Ich hoffe, daß Ihnen die übersendeten Unterlagen bei Ihren Bemühungne weiterhelfen.

Mit freundlichen Grüßen

(Hofrat Prof. Dr. R. Lewisch)