

Alfred Baker Ford

Correspondence

W 1913-2004

QUEEN'S UNIVERSITY ARCHIVES	
LOCATOR	5095.5
BOX	6
FILE	22

UNIVERSITÄT WIEN
BIBLIOTHEKS- UND ARCHIVWESEN

ÖSTERREICHISCHE ZENTRALBIBLIOTHEK FÜR PHYSIK
A-1090 WIEN, BOLTZMANNGASSE 5
ÖSTERREICH/AUSTRIA

SEKRETARIAT: (+43 1) 4277 27600
LEIHSTELLE: (+43 1) 4277 27601
FAX: (+43 1) 4277 9276
E-MAIL: ZBINFO@ZBP.UNIVIE.AC.AT
URL: HTTP://WWW.ZBP.UNIVIE.AC.AT



Dr. Alfred Bader
2A Holmesdale Road
Bexhill-on-Sea
East Sussex TN39 3QE
England

ZB 2004/1227 KW/FGe

Wien, 2004-07-05

Sehr geehrter Herr Doktor!

Entschuldigen Sie, dass ich es bei dieser Anrede belasse, obwohl ich jetzt weiß dass Sie gemäß Ihrem beiliegenden Lebenslauf BSc, BA, MSc, MA, PhD sind und überdies noch zahlreiche „Ehrendoktorate“ haben.

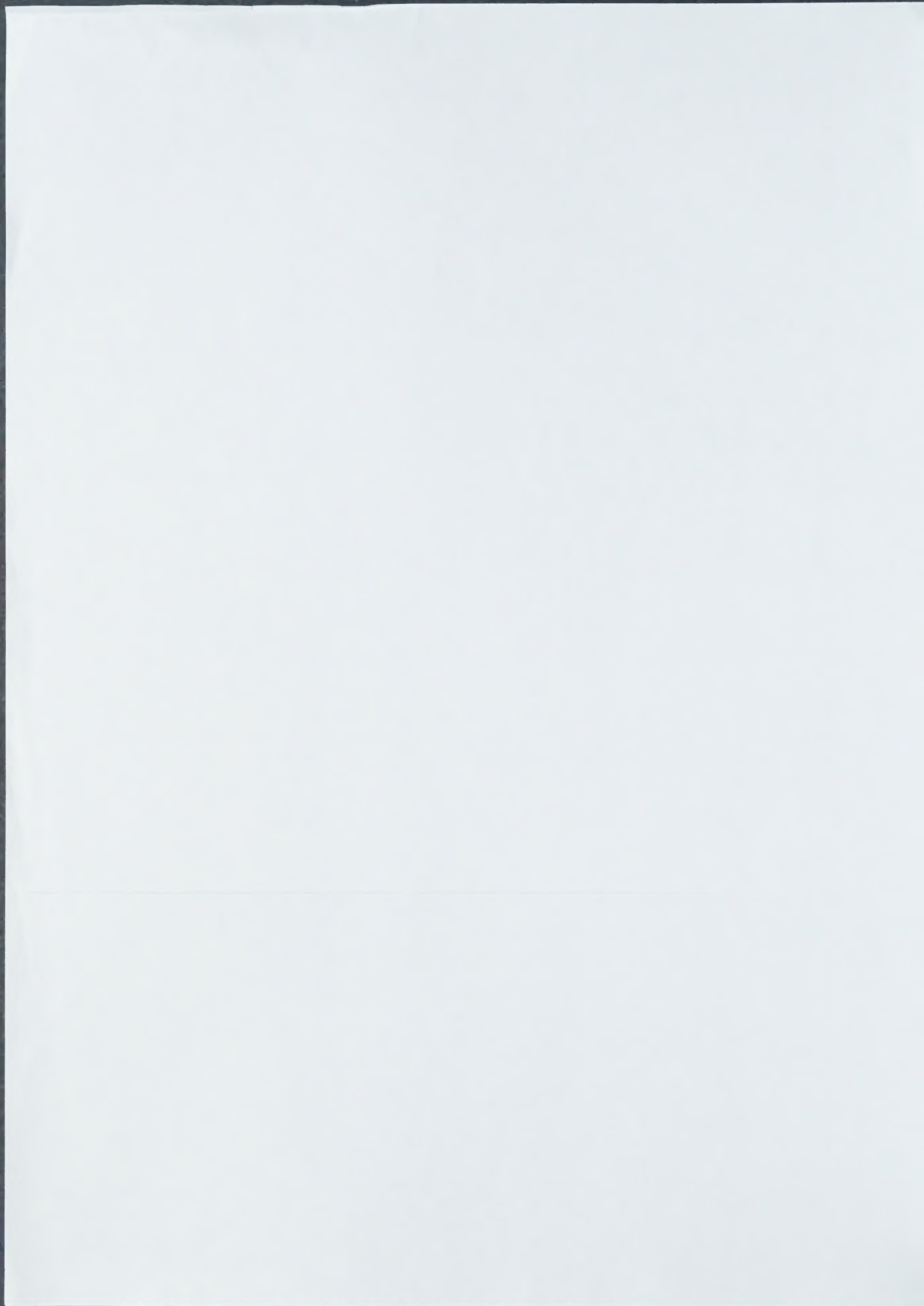
Ich habe Ihre Briefsendung erhalten und darf mich dafür herzlich bedanken.

Da ich selbst jetzt 14 Tage auf Urlaub nach England fahre (Rückkehr am 15.7.) darf ich Ihnen nur versichern, dass für Ihre Ausstellung mehr als ausreichend Material vorhanden ist und die Tafeln in der nächsten Woche fertiggestellt werden sollen.

Sehr gerne nehme ich Ihr Angebot an, uns im November ein Exemplar Ihres Buches „Adventures of a Chemis Collector“ mitzunehmen.

Mit herzlichen Grüßen und nochmaligem Dank für Ihre Unterstützung

Ihr ergebener
W. Kerber
(nach Diktat verreist)



Dear Joe,

The attached e-mail from Dr. Barry Walker is worrisome. Could you please respond to Barry directly but also let me know who is in charge of our chemical database.

Barry Walker is a very old friend of the company who was most helpful to our English operation and now does a good deal of consulting.

With thanks and best regards,
Alfred

Subject: New Information Request
From: SBWalkerUK@aol.com
Date: Fri, 02 May 2003 05:08:18 -0400
To: david@thelab.net; gretchen@thelab.net; ordersfa@alfredbader.com

A new request has arrived:

Email: SBWalkerUK@aol.com
Name:
Address1:
Address2:
City:
State:
Country:
Zip:
sendEmail: 0
ABFANum:
Notes: Dear Alfred

ACI program
Boesch
Daniel Boesch
ex Fluoro
↑ reports
Alfred Chereson

It's an Aldrich issue but I hope you can help.

I am trying to find out who is responsible for the Sigma-Aldrich chemical database and data quality, structures etc. I have been using the web site and am finding a lot of errors, missing data etc, all of which I can help with but I need to speak to the right person.

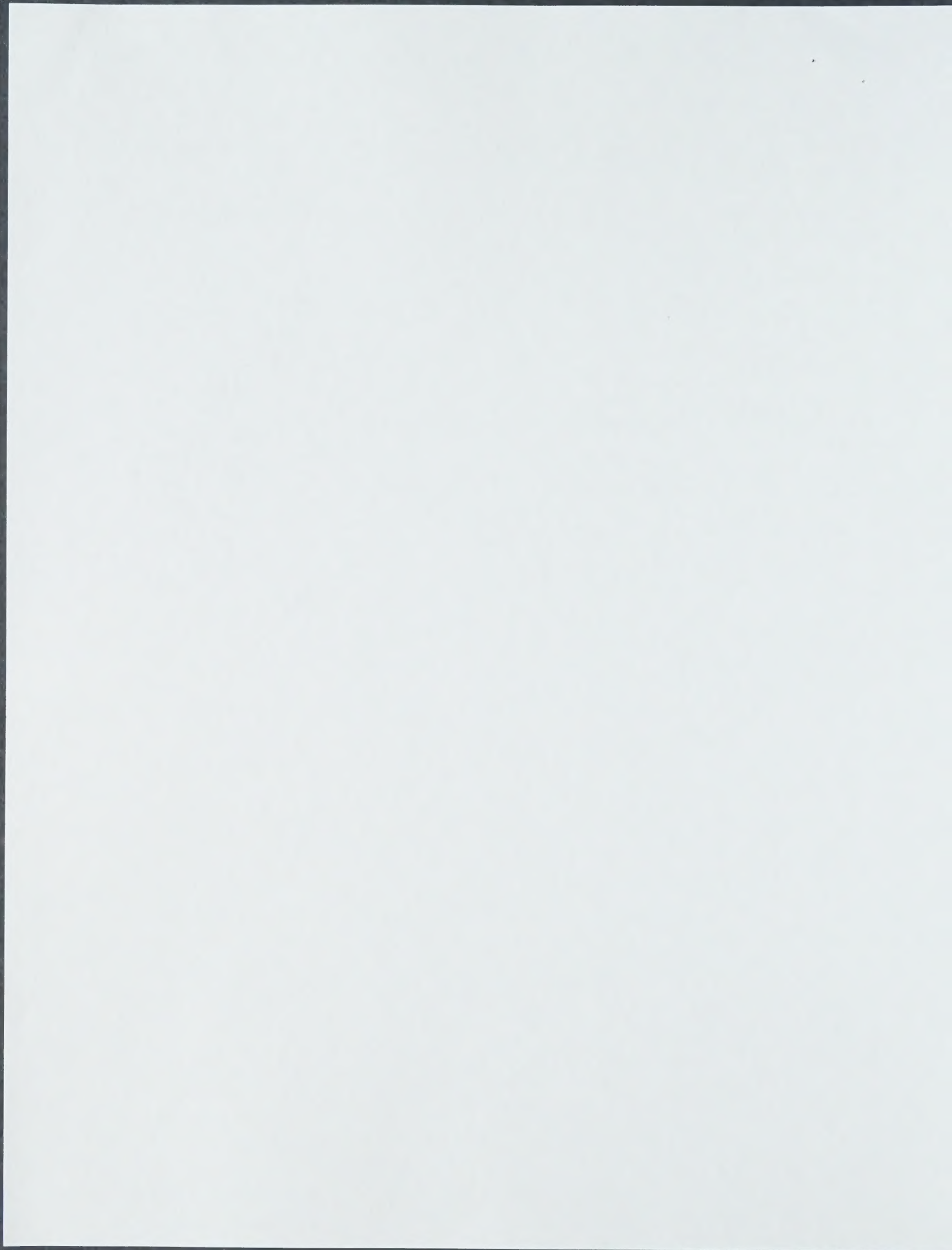
Phone calls to the UK (Aldrich and Sigma) and to Milwaukee have proved useless. They seem to want to tell me that no one person has such a responsibility. In days gone by it would have been Chuck or David but I don't now know who to turn to !!. It is very frustrating. A name, an EMail and a phone extension would be useful. I have tried EMailing Chris but he doesn't repond either !!.

Hope you don't mind me BOTHERING you. I see you still use the phrase Please BOTHER us.

When are you next in the UK, it would be nice to meet up again if circumstances allow. I will be at ChemSpec Europe in Manchester in early June, is this still on your list ?

Best Regards

Barrie Walker
SBWalkerUK@aol.com
+44-1765-650083



Subject: Re: Dr. Barry Walker
From: "Joe P Porwoll" <jporwoll@sial.com>
Date: Wed, 7 May 2003 09:34:48 -0500
To: Alfred Bader Fine Arts <baderfa@execpc.com>

I've called Dr. Walker and given him additional names to contact, including Chris Hewitt and Bill Seitz. It sounds like he has some time and capabilities that would help us improve our structure & data accuracy.

Thanks for bringing this to my attention.

Best Regards,
Joe

Alfred Bader Fine
Arts
<jporwoll@sial.com>
<baderfa@execpc.com>
om>

To: Joe Porwoll
cc:
Subject: Dr. Barry Walker

05/02/2003 12:08

PM

Dear Joe,

The attached e-mail from Dr. Barry Walker is worrisome. Could you please respond to Barry directly but also let me know who is in charge of our chemical database.

Barry Walker is a very old friend of the company who was most helpful to our English operation and now does a good deal of consulting.

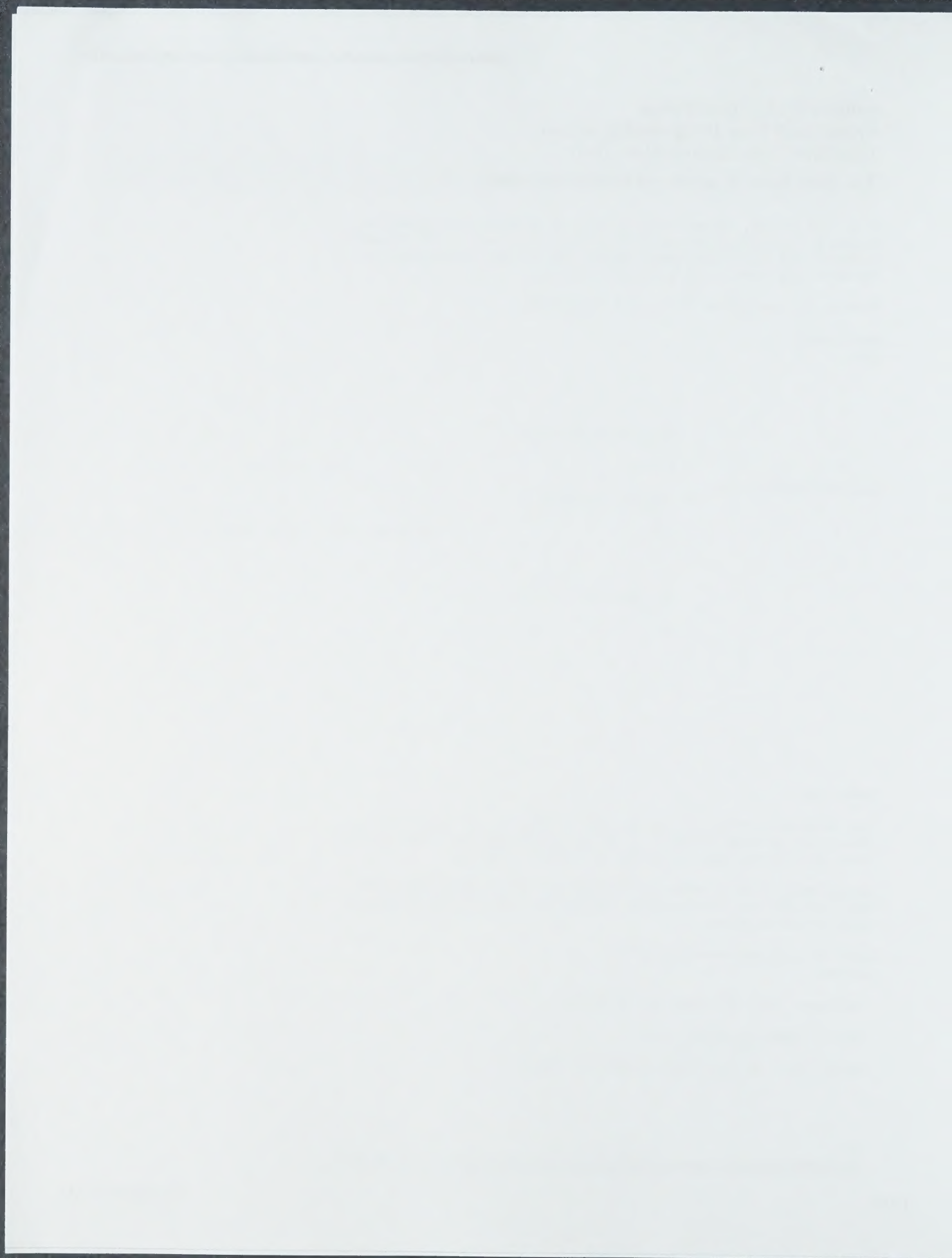
With thanks and best regards,
Alfred

Subject: New Information Request

From: SBWalkerUK@aol.com

Date: Fri, 02 May 2003 05:08:18 -0400

To:
david@thelab.net;gretchen@thelab.net;ordersfa@alfredbader.c



om

A new request has arrived:

Email: SBWalkerUK@aol.com

Name:

Address1:

Address2:

City:

State:

Country:

Zip:

sendEmail: 0

ABFANum:

Notes: Dear Alfred

It's an Aldrich issue but I hope you can help.

I am trying to find out who is responsible for the Sigma-Aldrich chemical database and data quality, structures etc. I have been using the web site and am finding a lot of errors, missing data etc, all of which I can help with but I need to speak to the right person.

Phone calls to the UK (Aldrich and Sigma) and to Milwaukee have proved useless. They seem to want to tell me that no one person has such a responsibility. In days gone by it would have been Chuck or David but I don't now know who to turn to !!. It is very frustrating. A name, an EMail and a phone extension would be useful. I have tried EMailing Chris but he does

n't repond either !!.

Hope you don't mind me BOTHERING you. I see you still use the phrase Please BOTHER us.

When are you next in the UK, it would be nice to meet up again if circumstances allow. I will be at ChemSpec Europe in Manchester in early June, is this still on your list ?

Best Regards

Barrie Walker
SBWalkerUK@aol.com
+44-1765-650083

This message scanned for viruses by CoreComm

Main body of the page containing several paragraphs of extremely faint text, which is illegible due to low contrast and blurring.



FAX FROM:

Dr. Alfred Bader
924 East Juneau Avenue
Astor Hotel - Suite 622
Milwaukee, WI 53202
Ph: (414) 277-0730
Fax: (414) 277-0709
www.alfredbader.com
e-mail: baderfa@execpc.com

A Chemist Helping Chemists

August 13, 2003

TO: Professor John A. Weil
University of Saskatchewan

Page 1 of _2_

FAX #: 1-306-966-4730

Dear John,

Thank you for your phone call.

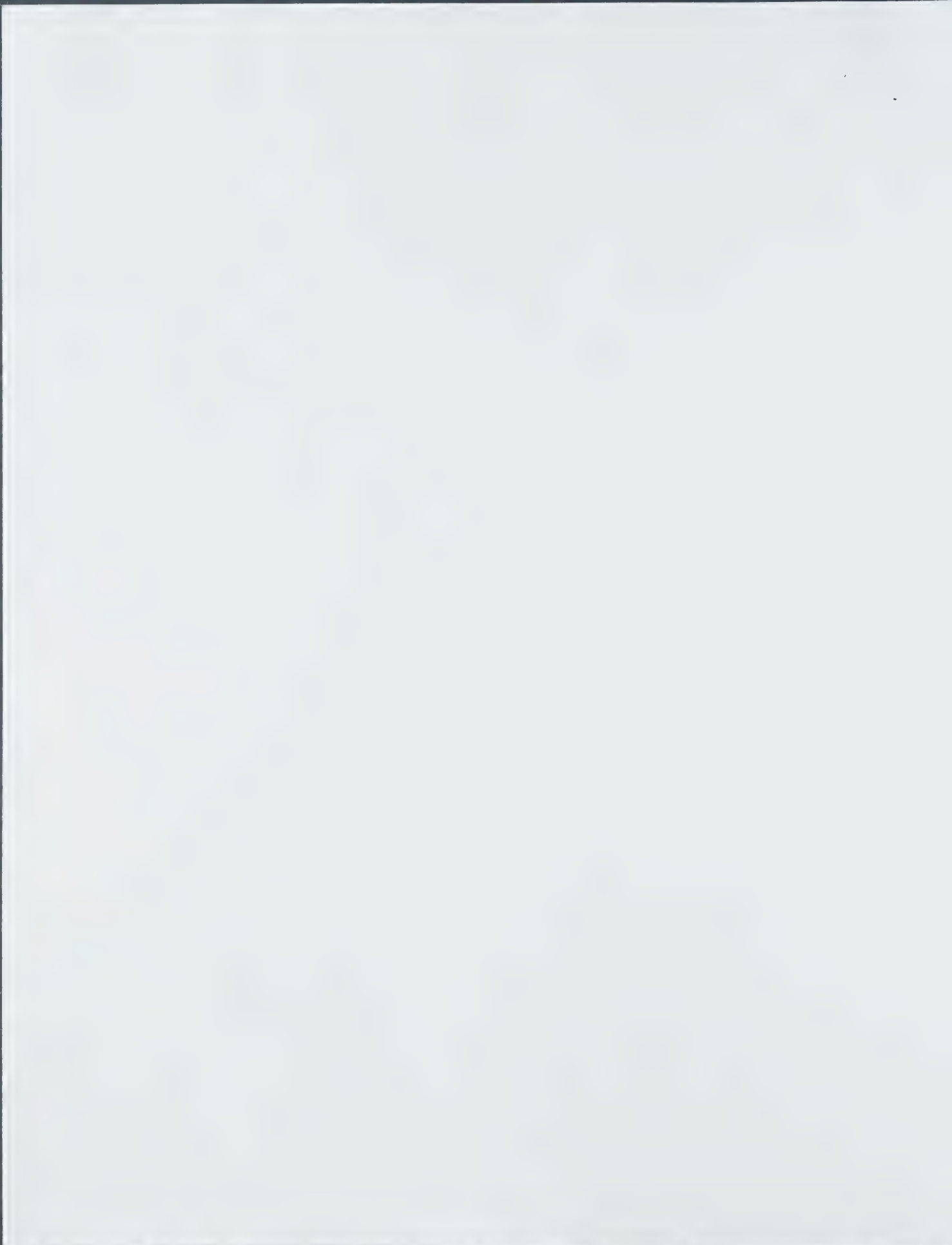
I feel very guilty not to have responded to the invitation to give a talk at your university.

If you could sit at my desk as I do right now you would see at least 150 letters waiting for my reply. That usually happens when we are gone for two months but seemed worse than ever this year.

Could you please convey my thanks for the invitation and explain that we cannot accept.

I am much more worried about what happened to your samples.

I talked to the man in charge here, a very good man, Bob Wandler and he has not yet received the collection and has not yet been able to trace it.



Could you please fax me the exact date it was sent, and how, and to whose attention, presumably at Sigma-Aldrich Canada.

I did receive the Löw-Beer manuscript, found it most interesting, and sent it immediately to Paul Löw-Beer. Sadly it arrived just a few days before his death and I have not yet had a chance to talk to his daughter to inquire whether he saw it or heard it.

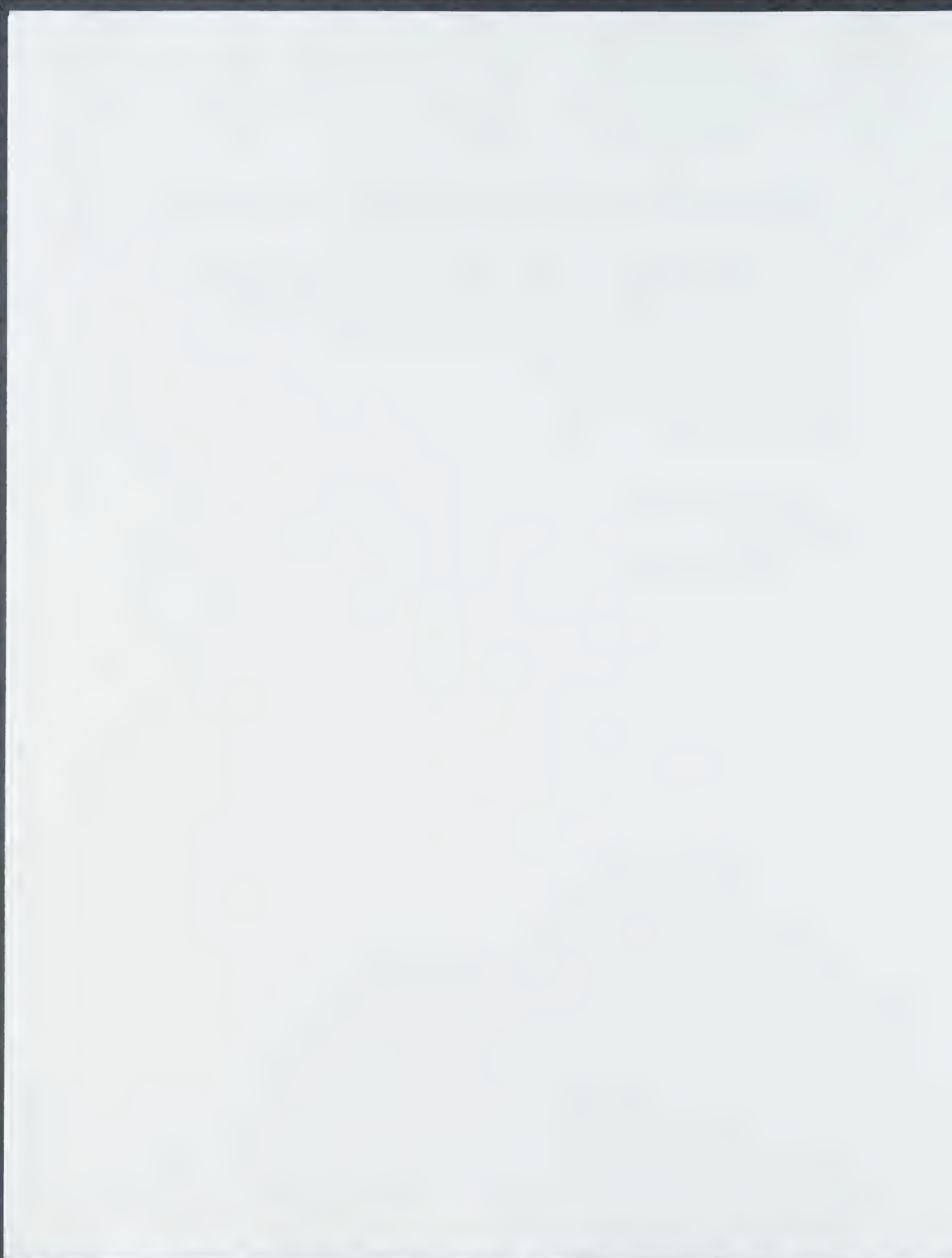
With all good wishes I remain

Yours sincerely,


Alfred Bader

AB/az

C: Mr. Bob Wandler



↓ File

Summary of interchange of questions and answers between Steve Woodland and IBS

1] I would like to understand more about the numbers of natural products, natural product derivatives and general organics that you supply.

Synthetic compounds available in stock: over 90,000 compounds selected on the maximum diversity principle from over 1,200,000 structures offered to IBS by more than 2000 synthetic chemists from all over the former Soviet Union. Our major customers worldwide recognize our collection as one of the most attractive for pharmacological screening purposes.

An additional 4,000+ new synthetic and natural compounds added quarterly.

Natural & related compounds available in stock: ca 18,000 individual compounds.

The IBS Natural Compound (NC) collection is one of the world's largest, with the compounds assembled from worldwide sources. Approx 30-35% are strictly natural compounds isolated from plants, microorganisms, marine species etc.; 40% are derivatives of natural compounds, i.e. modified alkaloids, terpenoids, flavonoids etc, and the remaining 25-30% are mimetics analogs of truly natural compounds, e.g. azosteroids, azocoumarins, conjugated isoindole systems, oxaterpenoids etc.

Of the whole NC library, 60-65% are compounds of plant origin; 5-10% are microorganism isolates, about 5% were obtained from marine species, and the rest from other natural sources.

The most representative classes include various types of alkaloids (several thousand), terpenoids (several thousand), flavanoids and coumarins (ca 2000), peptides, glycosides and nucleosides (ca 1000 compounds), phenol compounds (several hundred).

The collection is also rich in rare and unusual compounds, such as various classes of phytoalexins, allelopathic agents, specific sex attractants, natural toxins, unusual sesquiterpenoids and other secondary metabolites.

Many natural compounds in our collection are rare and enjoy a high demand.

2] Letters supplied mention "a unique collection of functionalised building blocks on the basis of natural products". Please clarify/expand.

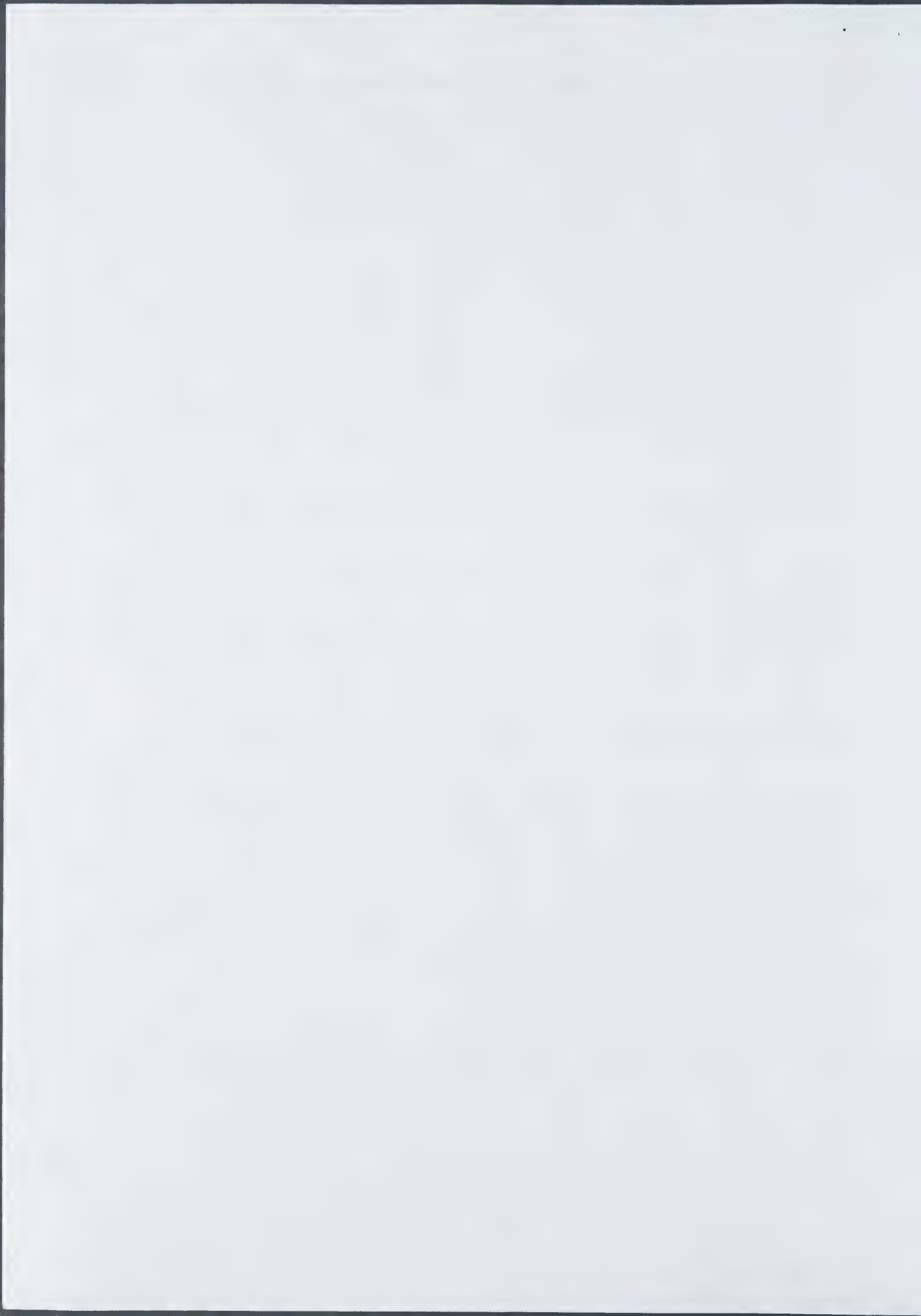
IBS's unique collection of building blocks for combinatorial chemistry of natural products (the cutting-edge development in combinatorial chemistry) currently contains about 500 units. These core 500 units comprise both natural compounds and their functionalized derivatives.

3] What analytical data do you typically have.

All compounds from the SC & NC libraries which we offer routinely pass very strict QC (300/400/500 MHz NMR and/or MS, including mass spectrometry with field ionization and in some cases X-ray analysis). Structure authenticity for each compound is guaranteed. Purity level is 90-98%.

4] What HSE data do you typically have.

Our databases contain neither high toxicity nor narcotic compounds. The calculated LD50 is 200+ mg/1 kg (or considerably higher) for the overwhelming majority of compounds. Compounds with LD50 <50 mg/1kg are very exceptional.



5] On what basis do you claim your products are "unique"?

A number of the world's leading companies in Japan and US claim IBS natural compound library as a most representative and impressive (!) of the known libraries. We have upward of 16,000 compounds and ca ~ 1000 are added quarterly (compare this with natural compound libraries of our competitors: ContactService - 500 cmpds; Asinex - 200 cmpds; Specs & BioSpecs ~ 2,000; AnalytiCon - effectively 3000+ compounds; others - much less than these). As regards our 90,000 compound synthetic library, over 30% have been synthesized exclusively for IBS, so no other company has access to these. As regards building blocks for combinatorial chemistry of natural products, IBS was the first to offer this service.

6] Which formats of electronic data do you have for your products?

All electronic information included in our CD-ROM, or is accessible through the internet, is provided as zip DB or zip sdf in ISIS 2x for PC and Mac.

A catalogue of IBS compounds available for sale is offered to companies in CD-ROM format. This contains databases listing structures of synthetic compounds (90,000), natural products (16,000) and a database of building blocks for natural combinatorial chemistry. On request we provide focused sub-libraries for target screening - we call these High-Hit Databases.

7] It seems like you could provide output suitable for a catalogue including names, structure, some physical and HSE data. True?

The typical fields in a DB include: ID numbers, structure, brutto formula, mol weight, SALTDATA, comments. If necessary we can provide IUPAC chemical names. For compounds included in HH-DBs, we can also include indication as to the type of compound's potential biological activity.

Possibly, it would be an idea to start a catalogue at some point in the future, such as Aldrich, Acros etc. but considering the size of the database, this would amount to a many-volume edition, not convenient to use. Most customers prefer electronic format, which allows any type of search.

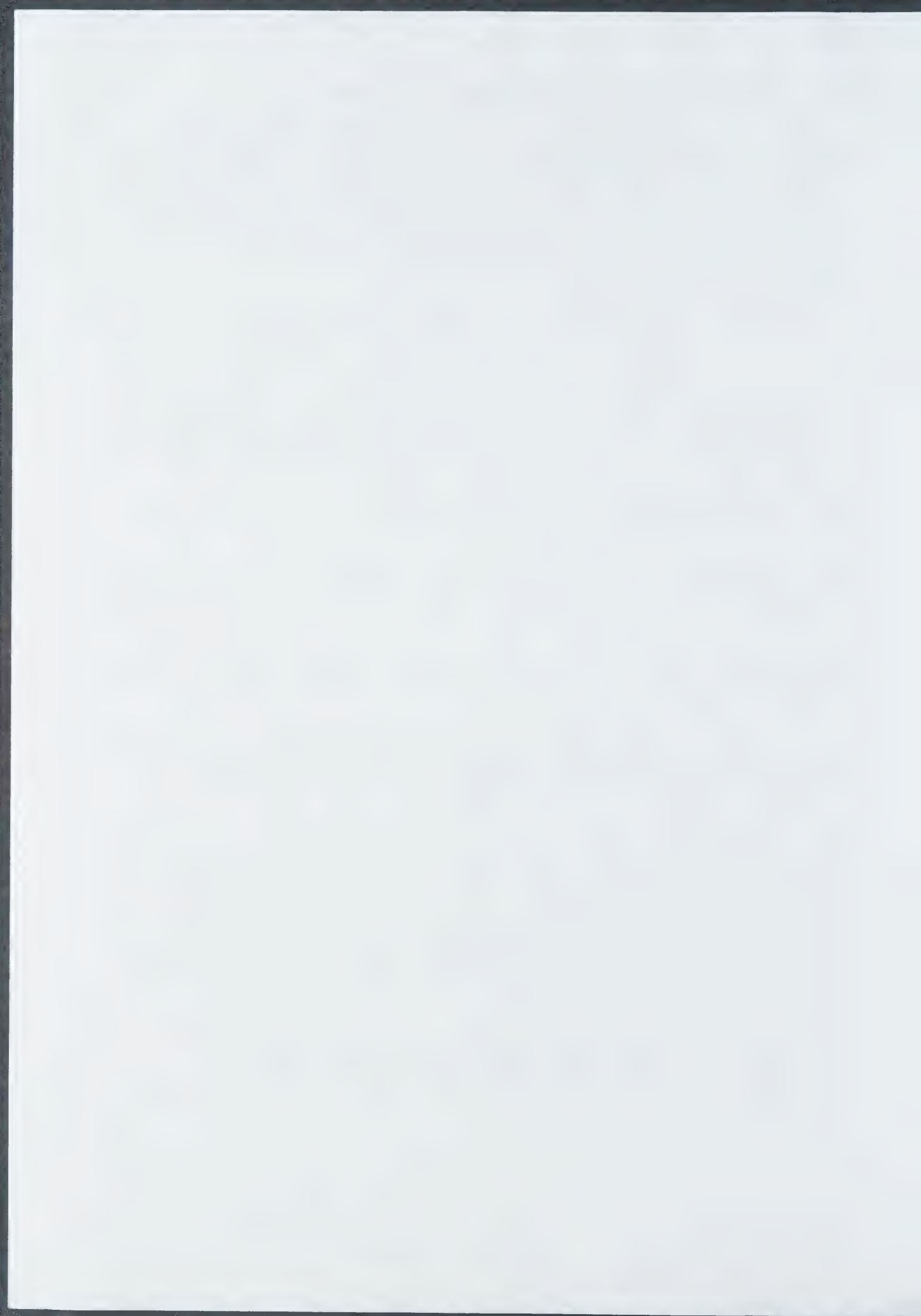
8] I notice in your reply that you have a CD-Rom and agree that for a database of your size a normal catalogue is not ideal marketing. How many CD's do your circulate. I understand from Roy that you have no significant marketing literature, just the web site and a simple glossy folder. Is this true?

Each quarter IBS circulates 150 CD-ROMs to all direct customers and 100 copies to our major representatives in Japan, Western USA and Canada. Unfortunately, we do not have so far a representation in Europe although Europe probably accounts for not less than 35% of the world market in this business sector. According to our records, at least 200 companies receive our CD-ROM on a regular basis. ther 50-100 companies access our databases via MDL, DayLight and ChemNavigator. At the same time, we are aware that the number of companies who make regular purchases of compounds for screening and subsequent R&D exceeds 1400 worldwide and this is without thousands of universities, research centers and foundations. A major objective for increasing profit should be to expand our market contact.

As for marketing literature this is limited to CD-ROMs, a folder and web site.

9] Can you say more about your relationship with Syntest, NELBI etc.

IBS bought Syntest in 1995 and Nelbi in 1994, together with their libraries.



10] I understand from Roy that you have no exclusive arrangements in any market. I have seen some references to your outlets in Japan and the USA/Canada. What more can you tell me your outlets in these markets.

We sell our libraries using different mechanisms in different markets.

In Japan we have agreed with SPI/Sumitomo on a standard price schedule, with the right for SPI to resell compounds to their Japanese customers at their chosen price. SPI's profit comes from the difference between these prices.

A different mechanism operates in the USA market. By our agreement with Alsbyte, commission is deducted from all sales to new companies discovered by Alsbyte.

Clearly, there can be other scenarios for sale of fine chemicals for screening than those above. We were approached recently by a company who would like to purchase 50 (!) mg of each compound of our entire natural and synthetic library on the condition they have the right to resell freely all of these compounds in South-East Asia. This company is prepared to do a \$5,000,000 deal.

11] Who do you see as your top competitors? Can you give some strengths of IBS against these?

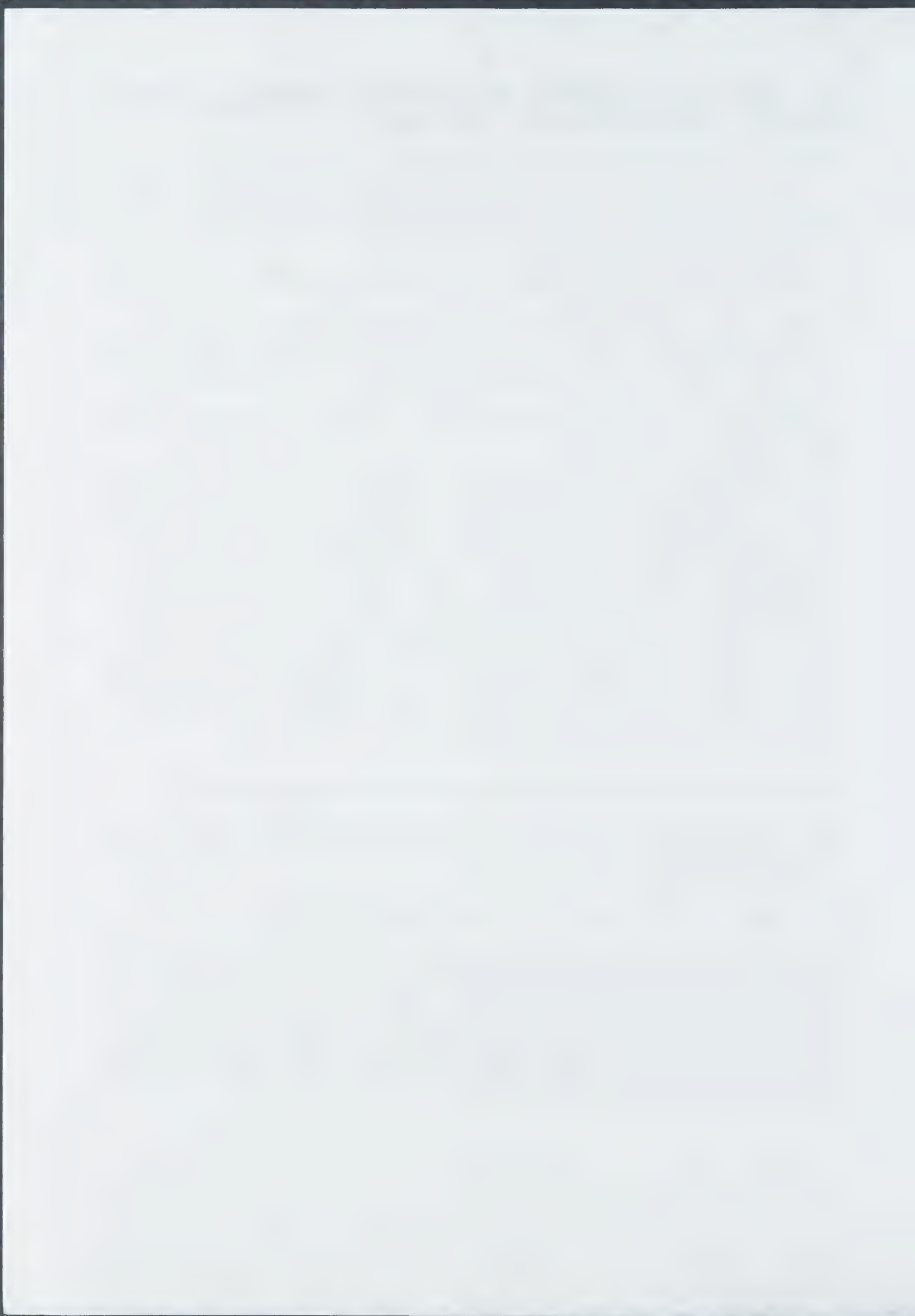
Our top competitors are SPECS & BioSPECS (Netherlands), ComGenex (Hungary- USA), ChemBridge (Russia-USA). Their strengths are large synthetic collections (about 150,000 at Specs; up to 140,000 at ComGenex). However, over 80% of the ComGenex collection consists of a combinatorial library, with sample quantities under 30 mgs. SPECS & BioSPECS is actually a large "weighing factory" operating on a non-exclusive basis, and having no laboratories of its own. According to the estimates by independent analysts, the averaged Tanimoto similarity coefficient (the opposite of Diversity) for the SPECS/ComGenex/IBS libraries compares as 0.902/0.972/0.864, which is clearly in favour of IBS. Standard deviation for these collections is 0.08/0.03/0.11, respectively, which also points to the strength of IBS against these competitors. However, the major advantage of IBS over the above and all other competitors is in the uniqueness of our collection. Some of our Japanese customers consider the IBS collection of natural compounds, their derivatives and mimetics, to be the largest in the world [over 16,000 items compared to SPEC's less than 2000 compounds, ChemDiv about 500, while other competitors have no natural collections at all].

12] Can you say more about your sales relationship with global accounts.

Currently, IBS serves more than 100 companies worldwide, mainly in the US, Europe and Japan. And yet, according to our estimates we have covered a mere 20% of the world market in this area. Therefore there is an enormous field for new business development.

13] I could do with a feel for the current level of IBS sales.

As you know, IBS is a relatively small company. We have about 50 employees and approximately 60 coordinators who represent us in different regions across the CIS. True, we directly work with several thousand of synthetic chemists all over the territory of the former USSR. Approx 100 chemists are employed in our own laboratories set up in different cities. And yet, our annual sales volume is in the region of several million USD and increases by 20-25% each year. Roughly 70-75% of the total income comes from pharmaceutical and biotech companies and the remaining 25-30% from agrochemical companies. In 1999, sales breakdown by region was; USA (~50%), Europe (~30-35%), Japan (15-20%).



It should be particularly emphasized that the unique profitability of this business stems from the anomalous difference between the cost of 1 gram of each product and the revenues generated from multiple sales. Many compounds in our collection are sold in this way.

Natural compounds cost us more but we sell them for a much higher price.

Of course, not all compounds sell with equal ease [some can be requested only a few times] but on the average new compounds have 8-12 repeat sales during one and a half year, and this considering that by our estimate we have developed less than 20% of the world market.

14] Can I press you on the sales. I'm sure you can appreciate that it is important for any investor to get a feel for the scale of business he is looking at. You mention "several million USD". Can you at least put it into a category:

- a] 0-5mill\$ b] 5-10mill\$ c] 10-20mill\$
- d] 20-30mill\$ e] 30mill\$ +

We are in category B) but if we accept the SE Asian offer we will pass into a category C). We feel that our real potential certainly is category D) at least.

15] Other than "more sales", do you have some clear objectives as to what you would like to achieve in the next few years?

Our objective is to develop the following areas:

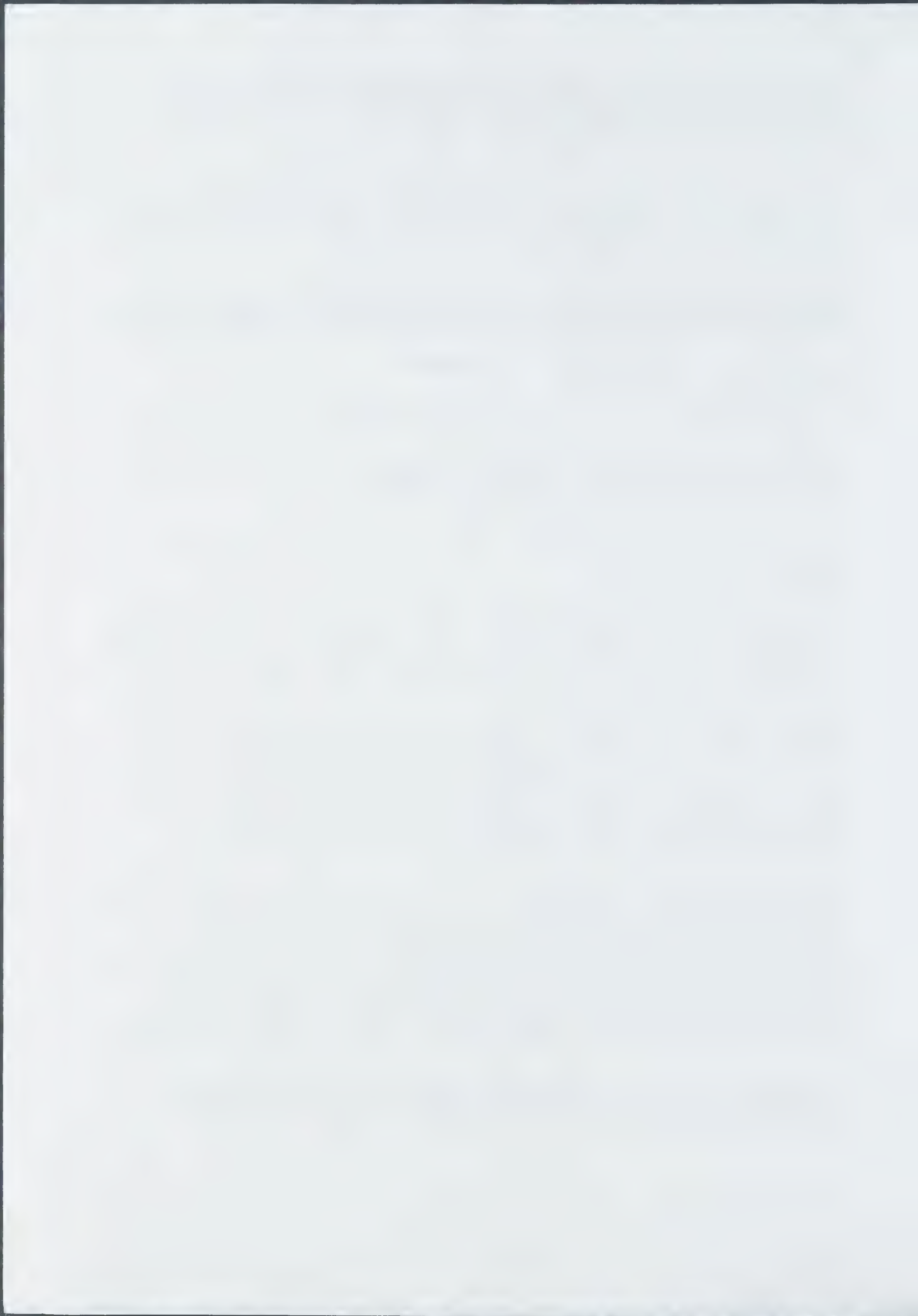
Synthetic compound library: we plan to expand this to 110,000+ compounds by the beginning of 2001:

Natural compound library: we plan to expand this to 17,000+ by the beginning of 2001 and to further increase it in the course of 2001. To achieve this goal we have started a project NC2000 directed to the modification of natural compounds. The project makes good progress and already now involves over 600 professional chemists. We believe we will remain for long the world's leaders in this area.

Building blocks for combinatorial chemistry of natural products. Thus far, IBS appears to be the only company to offer such products for this area of combi chemistry. At this time, our collection has several hundred items (which is sufficient to combinatorially synthesize several hundred thousand derivatives of natural compounds). We have committed several of our laboratories to this project and expect to considerably increase the range of products in 2001. We would welcome offers from any interested party having the facilities for combinatorial synthesis for a joint effort to generate combinatorial libraries of derivatives of natural compounds on a mutually accepted basis.

Special library of known and potential receptor antagonists and inhibitors [by analogy with RBI or TOCRIS: as a rule, these are expensive products sold in quantities starting from 0.01 mg, but very popular with a wide range of biochemists and screening groups. In the near future we plan to complete the database of antagonists/inhibitors and carry out global cross-clusterization of this array against the whole IBS library with the use of the most advanced software. This will make it possible to identify many thousands of potential receptor antagonists from our collection and thus considerably enhance their appeal to customers. Again, no other company in the field offers such service.

As regards undeveloped or poorly developed markets, the first to name are Scandinavian countries, Israel, the Near East, South-East Asia, Australia, Canada, a large part of the USA and large part of Europe.



16] Some Options.

- a] The cleanest option would seem to be some sort of International Marketing organisation for all your products, where you either have a stake or agreed level of transparency in return for exclusivity.
- b] The next level down would be a] but limited in some way by product type.
- c] European distribution or agency is an option, although this perhaps limits our ability to help you globally.

Do you have any comments on the above options?
Do you have any other ideas that you would prefer?

We presume that any of the following can be acceptable:

A. Purchase of the entire collection (like the suggestion by a SE Asian company above), with the right to fractional resales in agreed territories. Under this arrangement, depending on the sample quantity of each product (50 mg, 100 mg, 200 mg or more) and the territory for resales and exclusivity, we are ready to consider different discount arrangements.

B. Set up of an International Marketing organisation for all our products by attracting the necessary investments and agreements on subsequent distribution of profits.

C. A new international company where both "you" and we have a stake for which exclusive laboratories will be set up on the territory of Russia, capable of synthesizing 15-20,000 new exclusive compounds annually. In this case benefits are twofold: the exclusivity of all compounds and the relatively cheap labour of chemists in this country combined with their highly professional qualifications.

If you have other proposals and ideas we will be happy to discuss them.



Dear Steven,

E-mail is wonderful!

I also think that we might have done very well if I could have purchased an interest in Lancaster and shared it with the key people. But I must tell you that just these last two years I have gotten to feel considerably older and by 10 p.m. -- and sometimes by 9 p.m. -- I am ready to go to bed.

Isabel and I spent a week at the Mayo Clinic for a really good check-up and both of us were told that we are in good health, but are getting older. The alternative is worse.

Also, just recently the attorney who will be handling our estate talked to me for some length and urged me to try to simplify my estate. On the one hand, this is quite simple because I do not owe a penny to anyone. On the other hand, I have a good many investments, some with start-up companies in the US and some abroad. JRD is a small and minor example. Certainly purchasing an interest in a Russian company would make my estate more complicated to handle.

By all means tell Professor Kartsev that I was the person you had been thinking of.

Unfortunately, I have never even heard of the product you are looking for, spiraeoside.

Isabel and I will be back in England from November 12th to December 22nd and most of the time will be in Bexhill -- telephone/fax 01424 22 22 23.

With all good wishes I remain

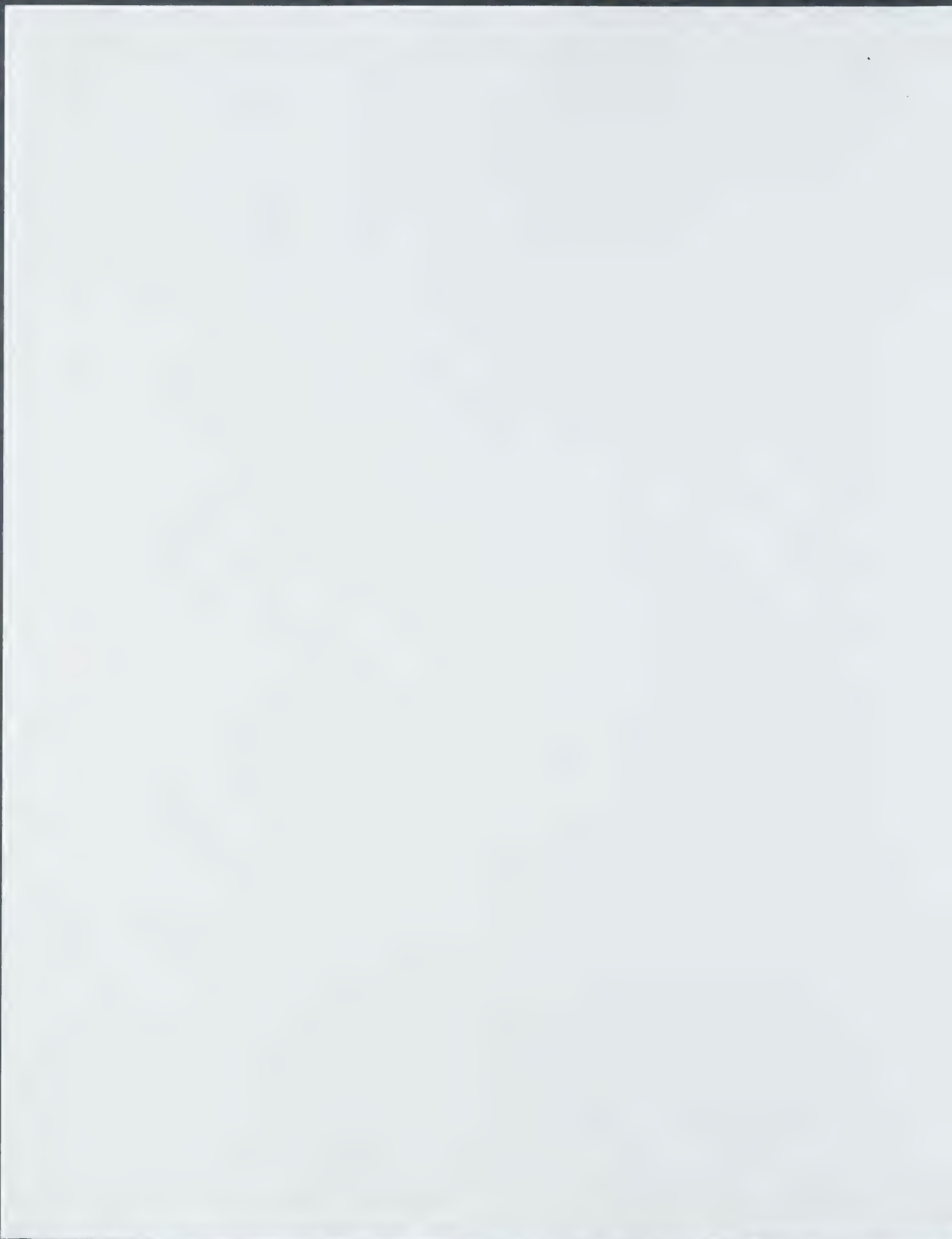
Yours sincerely,
Alfred Bader

Steve Woodland wrote:

Dear Alfred

What a pleasant surprise to get your letter this morning, and I think you must be psychic! I was going to phone you today since I have no fax here, but then I saw your email address and its a good way to contact you from here. I used to hate it when my MD at Lancaster sent me constant emails from the next office but didn't come in to talk, but for long distance its fine.

Yes, the buying of Lancaster would have been a major task and although I can understand how you feel now, I still think we might have turned it into something much better. Now, as you say, its very sad. I believe there are now only 13 in the catalogue labs with back orders and dropped products a big problem. I heard the other day that they may lose one of the special custom pieces that we had worked on and supplied for years because they can't make it to the right quality anymore ... no wonder when you get rid of one of the key chemists who made it !

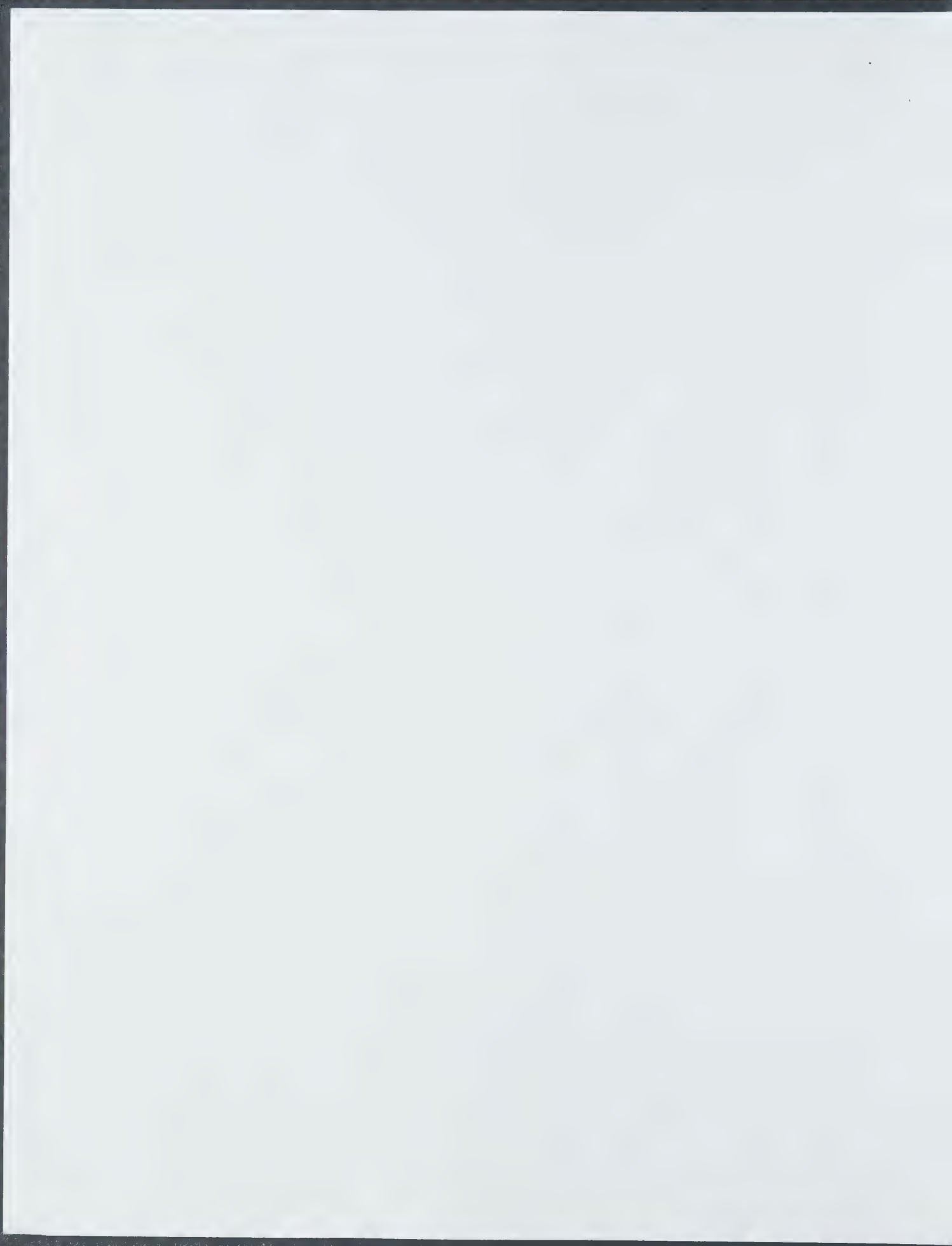


My position with Tokyo Kasei remains as a contracted consultant. They wanted me to be MD of the new European operation and move the family to Antwerp, but I still don't know them well enough and we didn't feel they were being "human" about the scale of such an adventure. Asakawa junior, the owners son, is setting up the operation and to be frank he's just a boy. He has limited experience of our industry, is modern business school trained, is not a chemist, and has to learn somethings about how to treat people. There also seemed to be no chance to have a share in this venture, since neither stock nor options would be considered. Anyway, I declined this offer of MD and although they still want me to be a European director, at the moment I am working from home and self-employed, but spending about 80% of my time on all the background TK need. [For example creating their competitors computer database, pricing and producing their European catalogue, creating the mailing list etc. All good hands on stuff.] I also help them when they ask me for suggestions on sources for the products in their line. There are some good people that I contact day to day, but as a company they need all sorts of help and are very closed about their position. I think they are financially OK, but probably short of investment to really be able to take on opportunities quickly. For example, recently I introduced them to a nice lab that was for sale in the UK where we could have put all the chemists made redundant from Lancaster, but they couldn't decide what to do or justify the investment short term. At one stage I had all sorts of ideas on how you might be able to help them with me, but I just don't know how they would view less than 100% control. I guess though that we could still explore this by email, or talk about it when you're over.

My reason for wanting to phone you was to ask if you had had any further thoughts on IBS. Your letter answers this in a way, but let me just give you a little more background. Professor Kartsev gave me several names of people at blue-chip companies as references for their products, service etc. When you were over here I had not been in touch with these, but now I have. I have to say that of the 8 companies I asked in the UK, USA and Europe, 6 have replied and they really have only positive things to say. One had a problem with occassional slow replies to answers but I know this company and think they would say this about everyone. In general they all rate IBS near the top of suppliers of this type, and in particular consider Prof Kartsev to be very professional and of high integrity. There are no concerns about quality, product line or speed of delivery.

My reason for relaying this to you is because I am meeting Prof Kartsev next Tuesday [October 24th] while he is in the UK. He would like to explore any possible way of working together with Chordip [the UK company who introduced us to IBS], myself or the "possible investor" that I have mentioned to him. At this stage I have no idea if there can be any common ground, if it would replace my interest in TK or go alongside it etc. In time for the meeting I wanted to ask you really two things.

Firstly, do you mind if I tell him that it is you that I have talked to about investment. He will surely know of you, and it will be clear that the discussions were not some fantasy but based on a serious, if only possible,



potential.

Secondly is there anything that IBS could say or do that might make you feel differently about any level of investment?

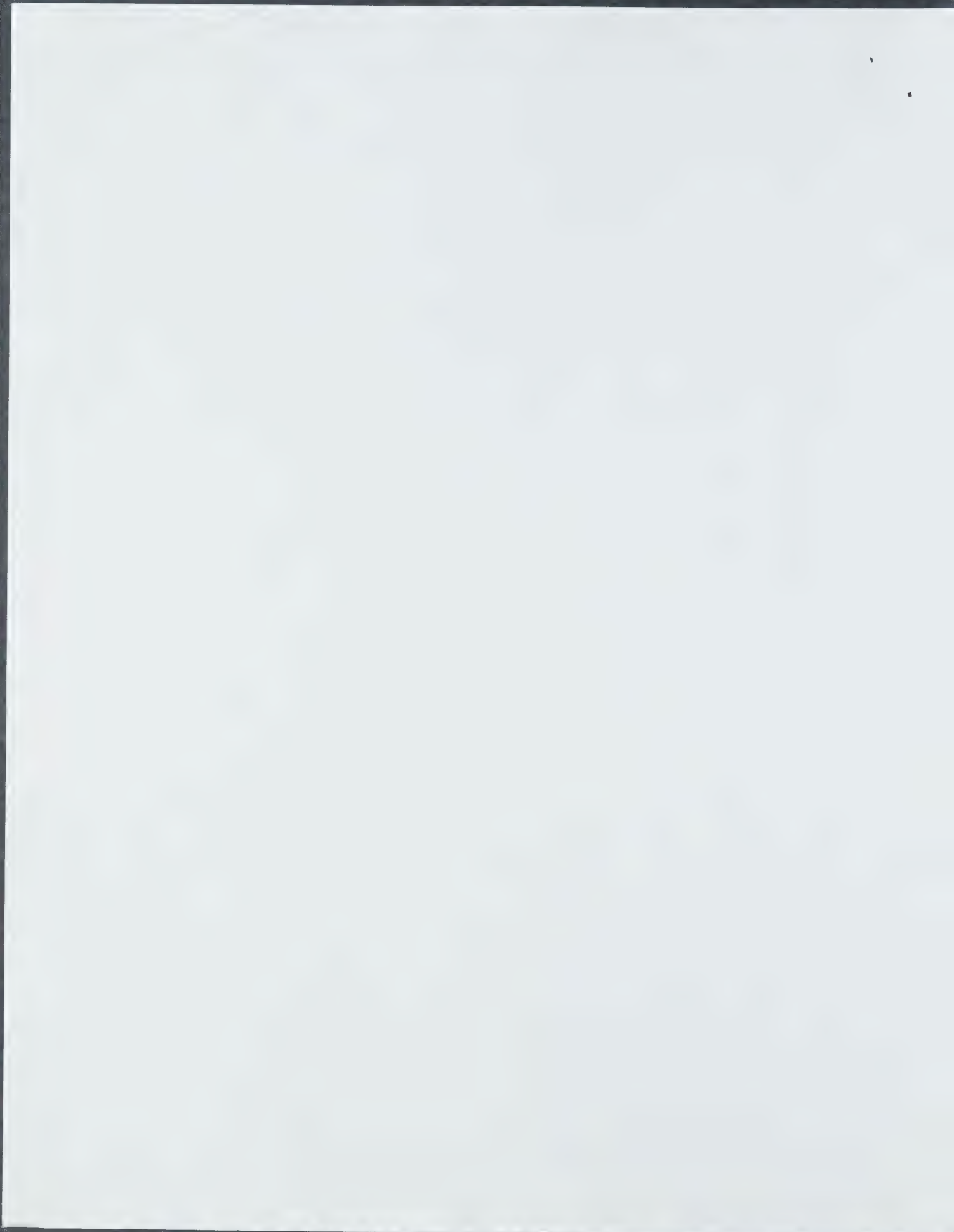
I don't wish to put you under any pressure on this; merely to be very clear if there are any options, and to show Professor Kartsev that I have professional about this. I really would appreciate even the shortest of email replies to help the conclusion of the meeting.

By the way, do you know a prime source of a product called Spiraeoside ? I have a good friend who is looking for 100mg or so and the only offer I have so far is from Indofine at an enormous price.

Look after yourself and Isabel, and I look to talking to you or meeting you again.

Best regards Steve Woodland

Advance Research Chemistry
18 Hanging Green Lane
Hest Bank
Lancaster



Re : Re: Re : Re: Re : Re: Re : [Fwd: [Fwd: Woodward papers]]

Subject: Re : Re: Re : Re: Re : Re: Re : [Fwd: [Fwd: Woodward papers]]

Date: Thu, 3 Feb 2000 18:52:47 EST

From: Woodcrystl@aol.com

To: baderfa@execpc.com

Dear Dr. Bader,

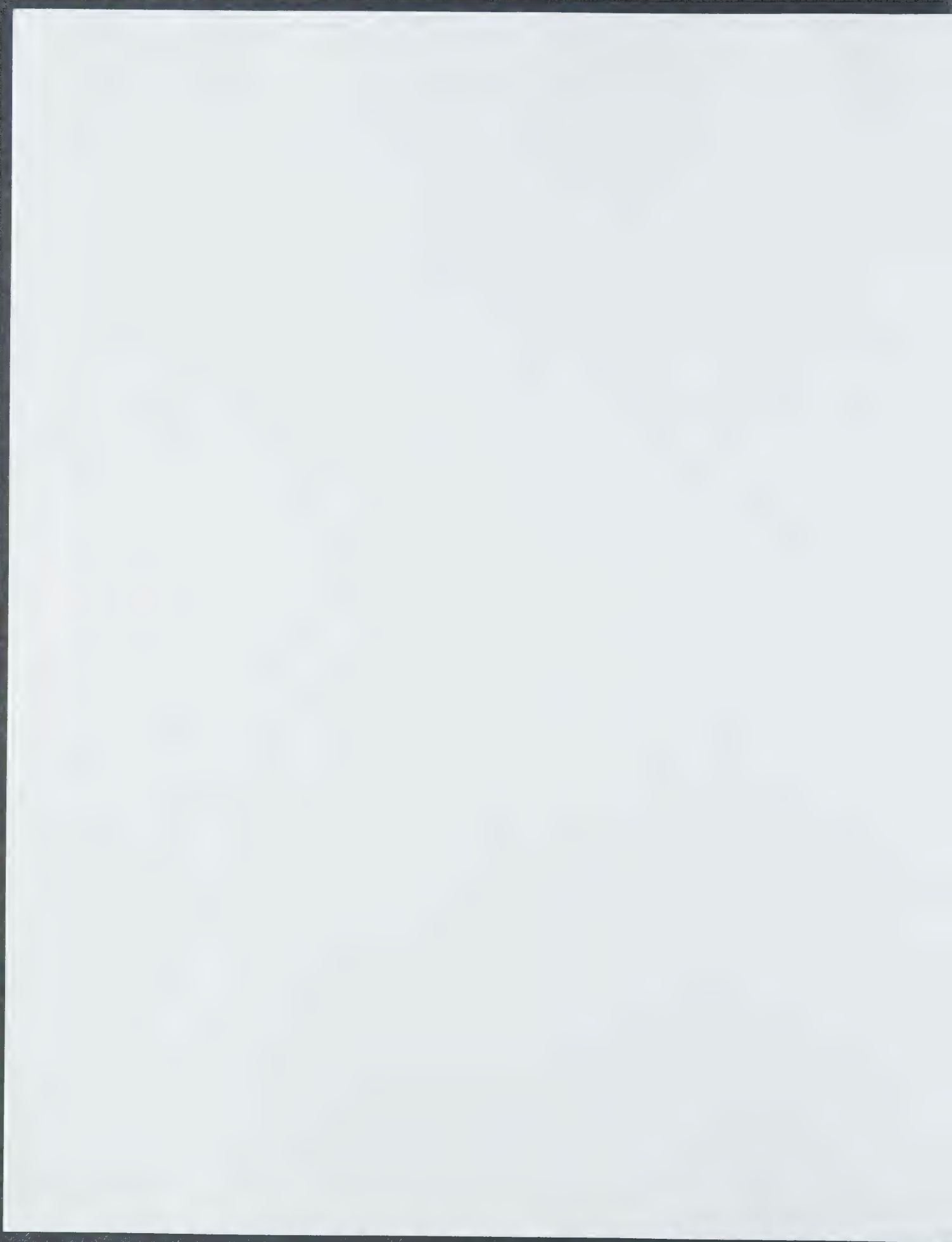
Thankyou for your response. I agree that the \$139,000 figure is terribly high, and when Harvard sent me that my first thought was to say, we need to focus on the de-acidification and get that done first. If Harvard or the scientific community wish to do more, such as the microfilming, then some funds could be found, it would seem, but

I do wish this figure could be lower--and as I wrote, maybe with improved technology it will be, someday. I would be interested to hear what the people whom we know at CHF think, as to the other preservation measures, such as the color photography, and the microfilming, regardless of the financial aspect and Harvard's high estimate.

I hope we can talk further soon,

Best Wishes,

Crystal



Subject: Re: Meeting with David Harvey
From: SBWalkerUK@aol.com
Date: Thu, 28 Aug 2003 11:16:25 EDT
To: baderfa@execpc.com
CC: SBWalkerUK@aol.com

Thursday 28th Aug 2003 pm

Dear Alfred and Isabel

Sorry to hear that you had a somewhat unpleasant evening with David

As you suggest, I'll keep batting away at Daniel Boesch and see if I can make some progress there. I keep sending him the odd correction but the hope was that by sending him some data, this would lead to a proper arrangement.

I had a good relationship through the years with people like Chuck Pouchert, Bob Smith and still also send corrections to Judy Prous. We will just have to see where it goes from here.

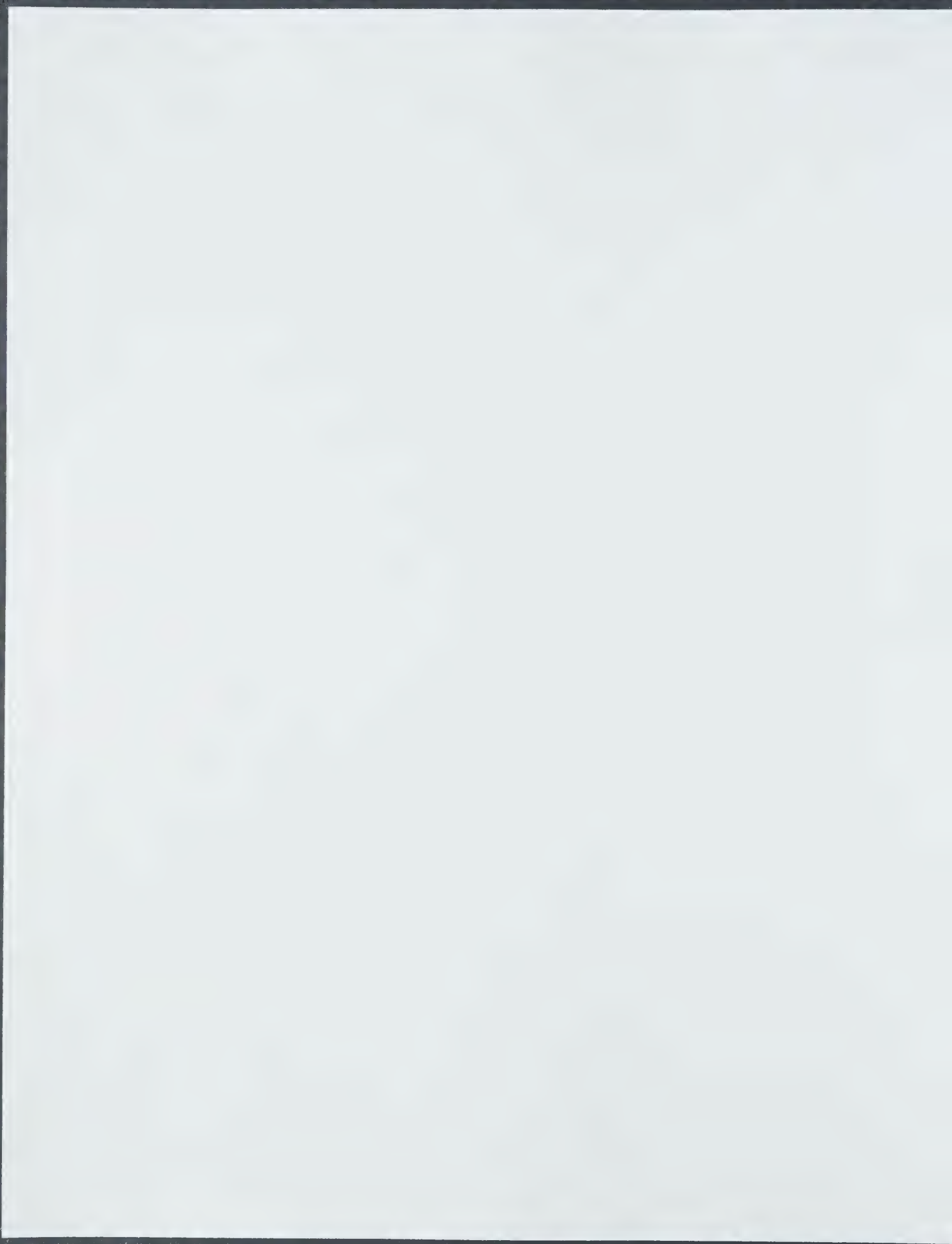
I had a visitor yesterday who you may remember, Joe Allen, G&J Research Chemicals. I've known Joe for 30+ years and they were passing nearby on the A1 on their way up to Durham and just called in for a coffee and sandwich. Joe is still busy making chemicals in his barn and still as enthusiastic as ever.

Thanks for the call, it was appreciated, I'll keep you posted.

Regards

Barrie Walker

This message scanned for viruses by [Corecomm](#)



Department of Chemistry

(P)

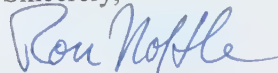
October 7, 1999

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

Dear Dr. and Mrs. Bader:

On behalf of the Department of Chemistry, we would like to thank you both for coming to Wake Forest and participating in our Year of Science and Technology. You make a terrific team. The lectures were extremely well-received and we are still hearing comments from students and faculty such as "I lost track of time I was so engrossed." Some of our colleagues in the Art Department were similarly ecstatic. We couldn't have asked for a better spokesperson for showing what is possible in pursuit of a life in science and art. The students warmed to you immediately and we have never had a more successful set of lectures. We enjoyed our time with you and are grateful to you for coming to visit with us and sharing your interesting experiences. We are processing your reimbursement and will be sending it shortly.

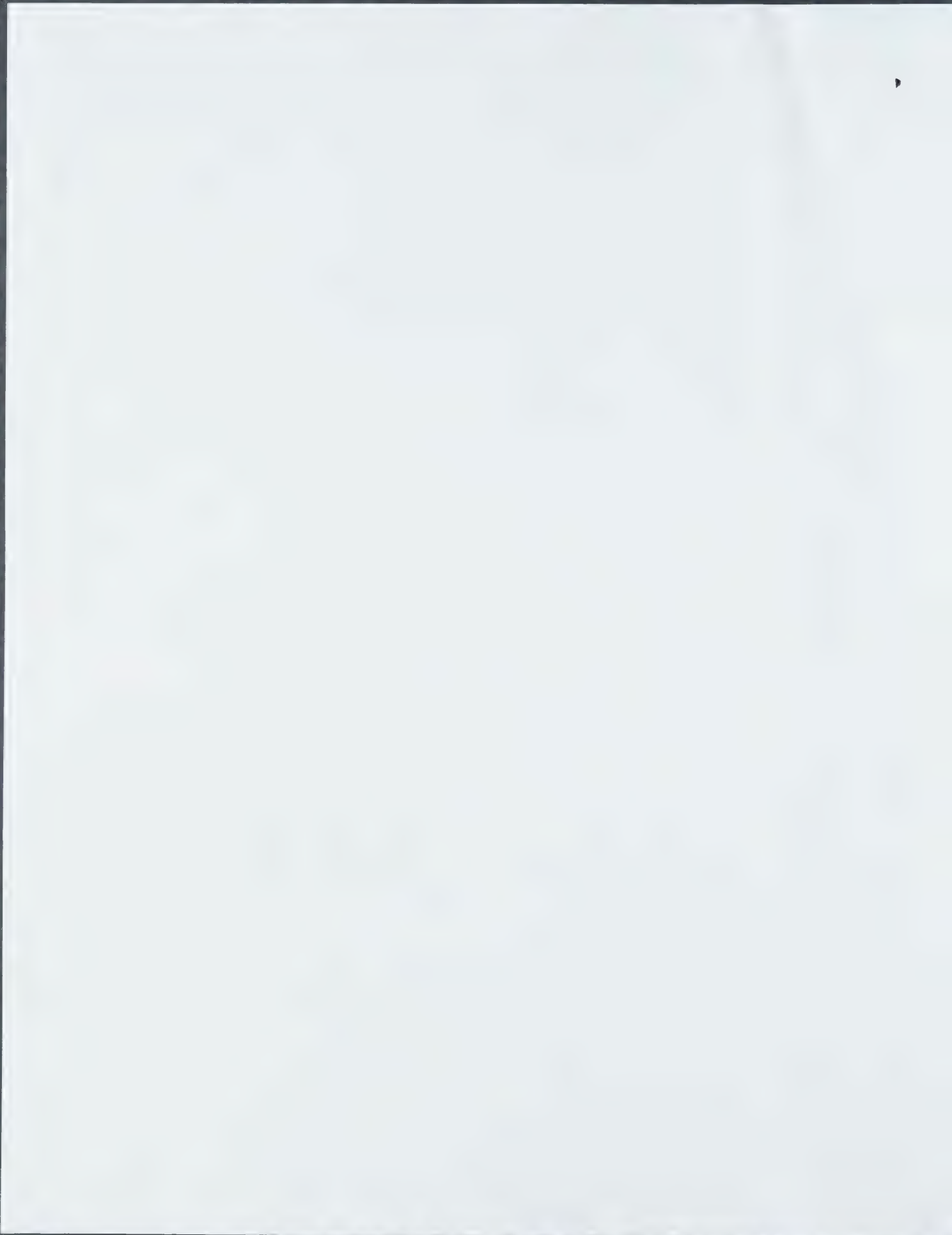
Sincerely,



Ronald E. Nofle



Christa L. Colyer



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

A Chemist Helping Chemists

August 7, 1995

Dr. Esra Galun
Professor of Biology
Weizmann Institute of Science
Rehovot 76100
Israel

Dear Professor Galun:

I am truly saddened by your letter of July 30th.

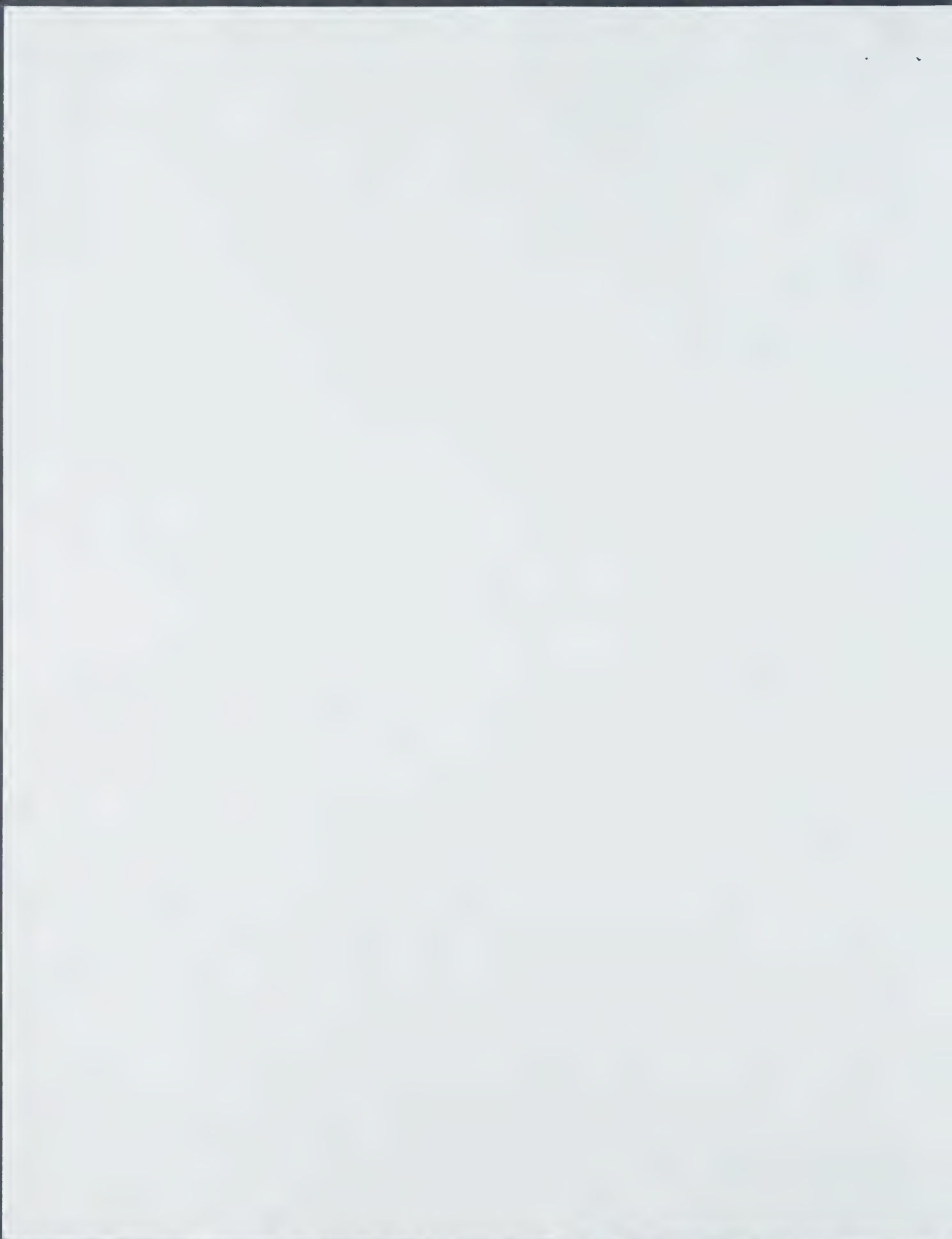
Aryeh was a brilliant chemist, a warm-hearted and excitable true friend, and I really enjoyed working with him closely over many years.

Please extend Isabel's, my sons' and my deepest sympathy to Rachel, Merav and Eyal.

Sincerely,

AB/cw

bc: Marvin Klitsner





מכון ויצמן למדע
WEIZMANN INSTITUTE OF SCIENCE
REHOVOT 76100 ISRAEL רחובות 76100 ישראל

Esra Galun, Ph.D.
Professor of Biology
Tel: +972-8-343585
FAX: +972-8-469124
Bitnet: LPGALUN@WEIZMANN.WEIZMANN.AC.IL

עזרא גלון
פרופסור לביוכימיה
טלפון 08-343585
פקס 08-469124

July 30, 1995
Ref. K-5/851

Dr. Alfred Bader
Fine Arts,
Suite 622 Astor hotel
924 East Juneau Avenue
Milwaukee, WI 53202
U.S.A.

Dear Dr. Bader,

I remember that you were acquainted (and, in a way, associated) with my brother Dr. Aryeh Galun. You probably also know my brother's wife, Dr. Rachel Galun.

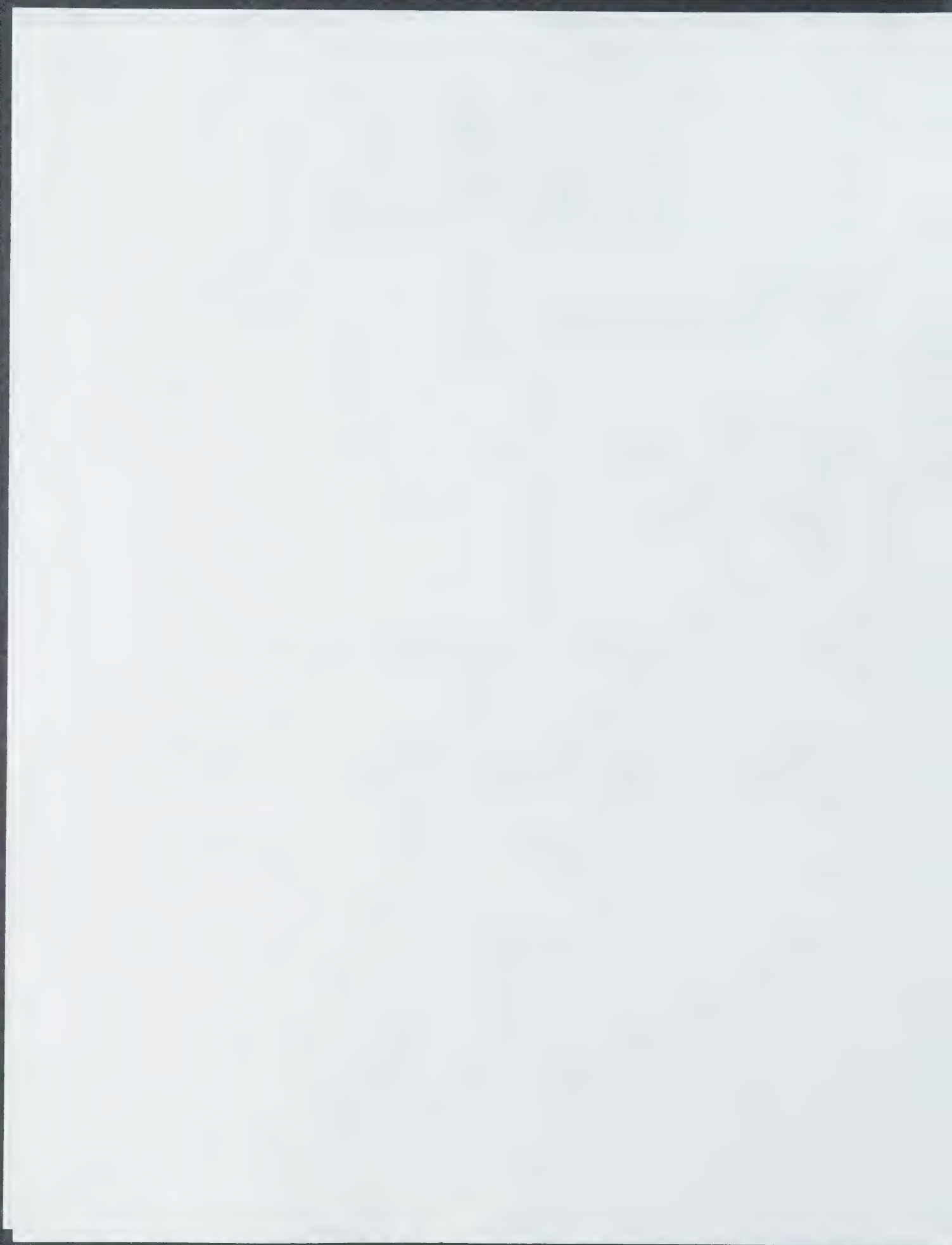
I regret to inform you that my brother passed away on Monday July 24, 1995.

He was survived by a loving family that included, in addition to his wife Rachel, a son, Eyal and a daughter Merav; both married with two children each. The family provided Aryeh with unlimited care and support during the last 7 years, after a severe brain-stroke that partially paralyzed him and left him with an inability to speak.

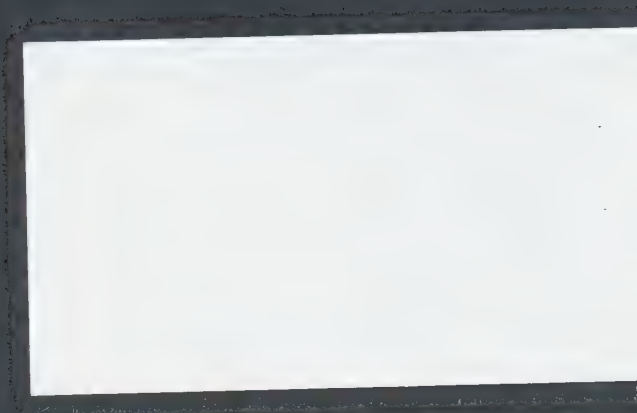
I am his only brother and, together with his family, mourn him tremendously.

Sincerely

Esra Galun



WUWM





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

A Chemist Helping Chemists

November 15, 1996

Mr. Dave Edwards
Director/General Manager
WUWM FM 89.7
P.O. Box 413
Milwaukee, WI 53201

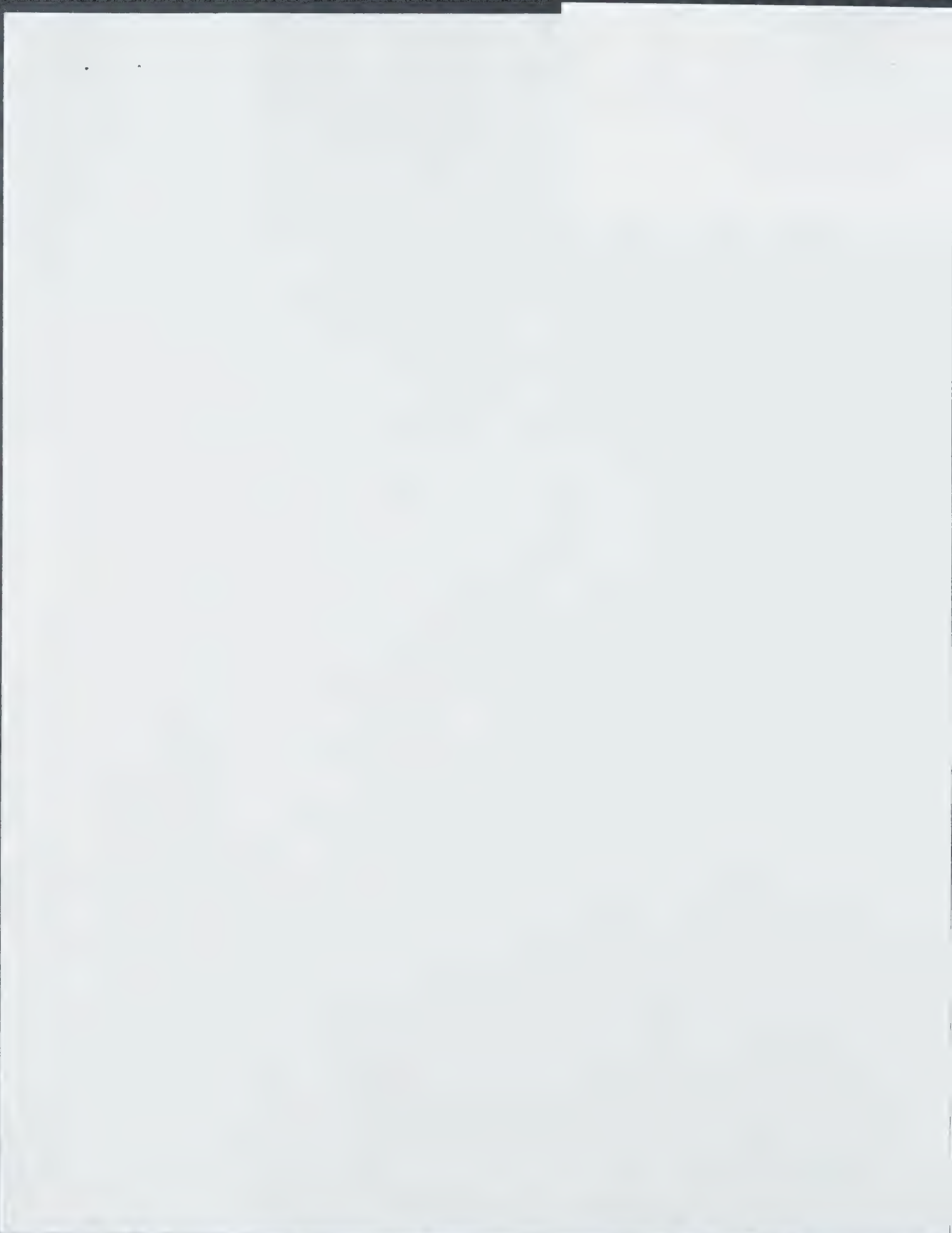
Dear Mr. Edwards:

Thank you for the cassette tape of the Roundtable interview sent to Dr. Bader.

He is in England through early January and will reply personally upon his return to Milwaukee.

Best wishes,

Cheryl Weiss
Office Manager



MEMORANDUM

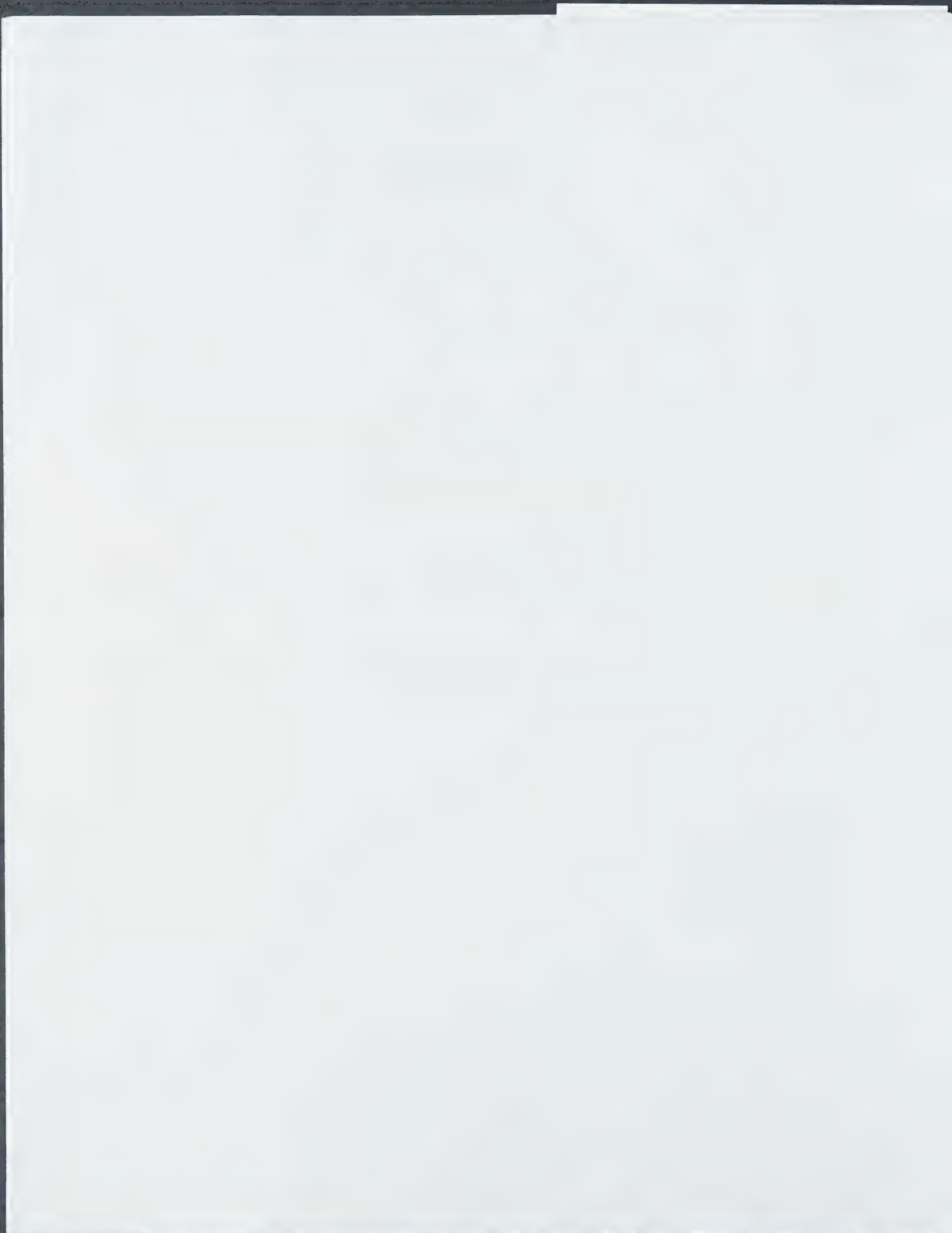
TO: AB
FROM: CW
DATE: January 2, 1997
RE: *To the Best of Our Knowledge* interview

Steve Paulson has confirmed that he would like you to be interviewed on Wednesday, January 8th at 10:45 am. Please be at radio station WHAD in the Wyndham Hotel, 111 E. Kilbourn (at Water St.). You may park in the Wyndham garage and take your parking ticket with you for validation at the radio station. Follow signs in the garage to the Office Tower, take the elevator to the 10th floor, and find WHAD in Suite 1060. Bill Estes will be the radio engineer handling your end of the interview. The interview will start at 11:00 and take about half an hour.

Steve is the producer of the show, so the interviewer will be either Jim Fleming or Judith Strasser. Steve will be in touch before Wednesday to let you know who will be interviewing you and more about the slant of the interview, which he will determine after he reads the materials I mailed to him.

Incidentally, he mentioned that someone at Schwartz's said you are a delightful interview, so he really wasn't concerned about contacting Dean Goodman.

Steve Paulson
Wisconsin Public Radio
821 University Avenue
Madison, WI 53706
Ph: 608/263-5412
Fax: 608/263-9763





FAX FROM

DR. ALFRED BADER'S OFFICE

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

December 31, 1996

To: STEVE PAULSON
Wisconsin Public Radio
Fax: 608/263-9763

Dear Mr. Paulson:

In follow-up to our telephone conversation of yesterday, I have spoken with Dr. Bader and he would be delighted to be at WHAD's station in the Wyndham Hotel on Wednesday, January 8th for a morning interview. Please confirm the time and who his contact person there will be.

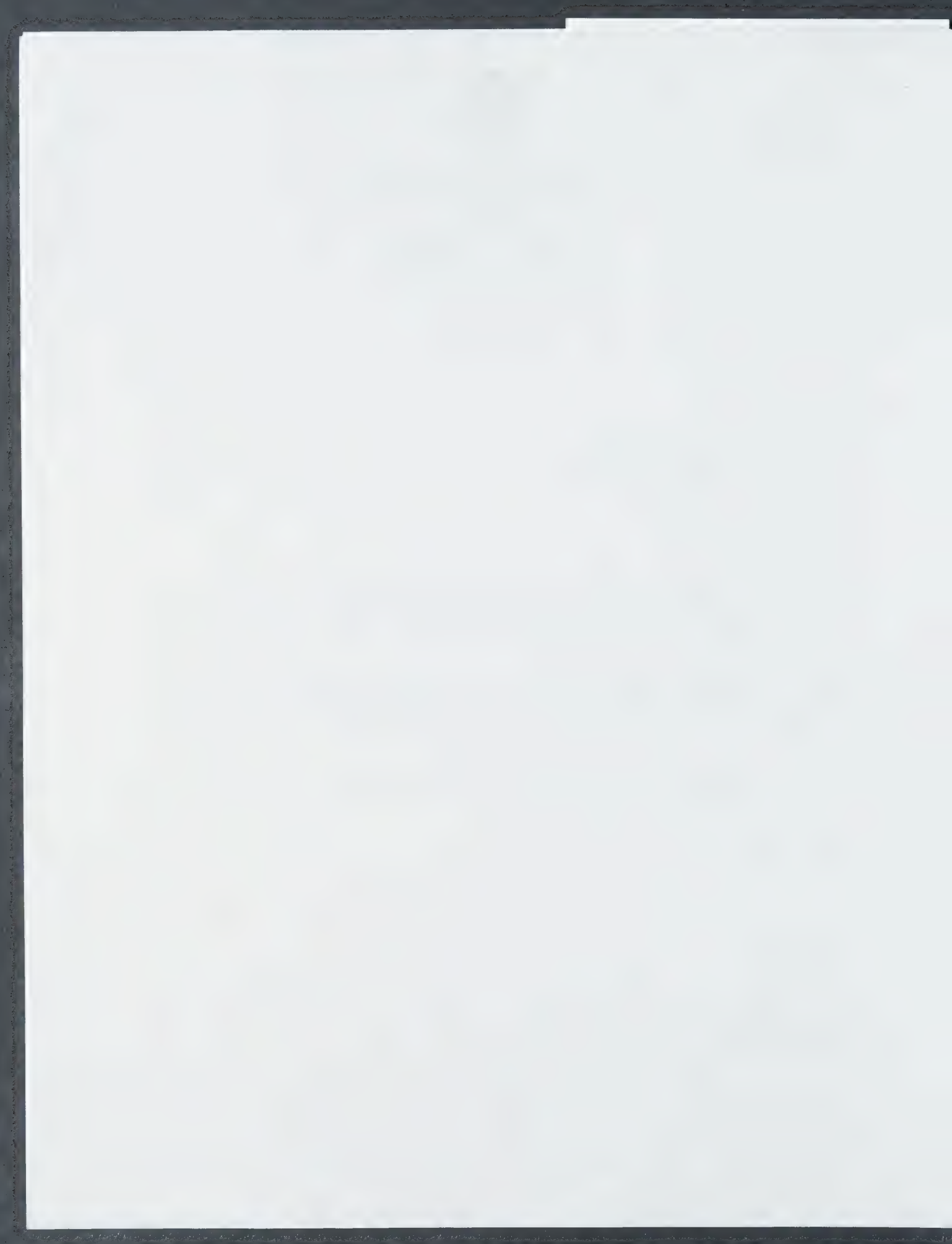
He also suggested another reference you may want to contact for interview ideas. Prior to his departure for England, he taped an interview for the UW-M Roundtable with Dean Marshall Goodman of the College of Letters & Sciences at UW-Milwaukee which was broadcast in December. You can reach Dean Goodman at 414/229-5895.

Dr. Bader is looking forward to meeting you via radio on January 8th and also asked me to convey to you his wishes for a Happy New Year.

Yours sincerely,

Cheryl Weiss
Office Manager

*Not seen - Jane
Machine 1/1/97
Discussed on phone
1/10/97
CW*





FAX FROM

DR. ALFRED BADER'S OFFICE

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

December 30, 1996

Page 1 of 3

To: STEVE PAULSON
Wisconsin Public Radio
Fax: 608/263-9763

Dear Mr. Paulson:

Per our telephone conversation, enclosed please find Dr. Bader's CV and bio.

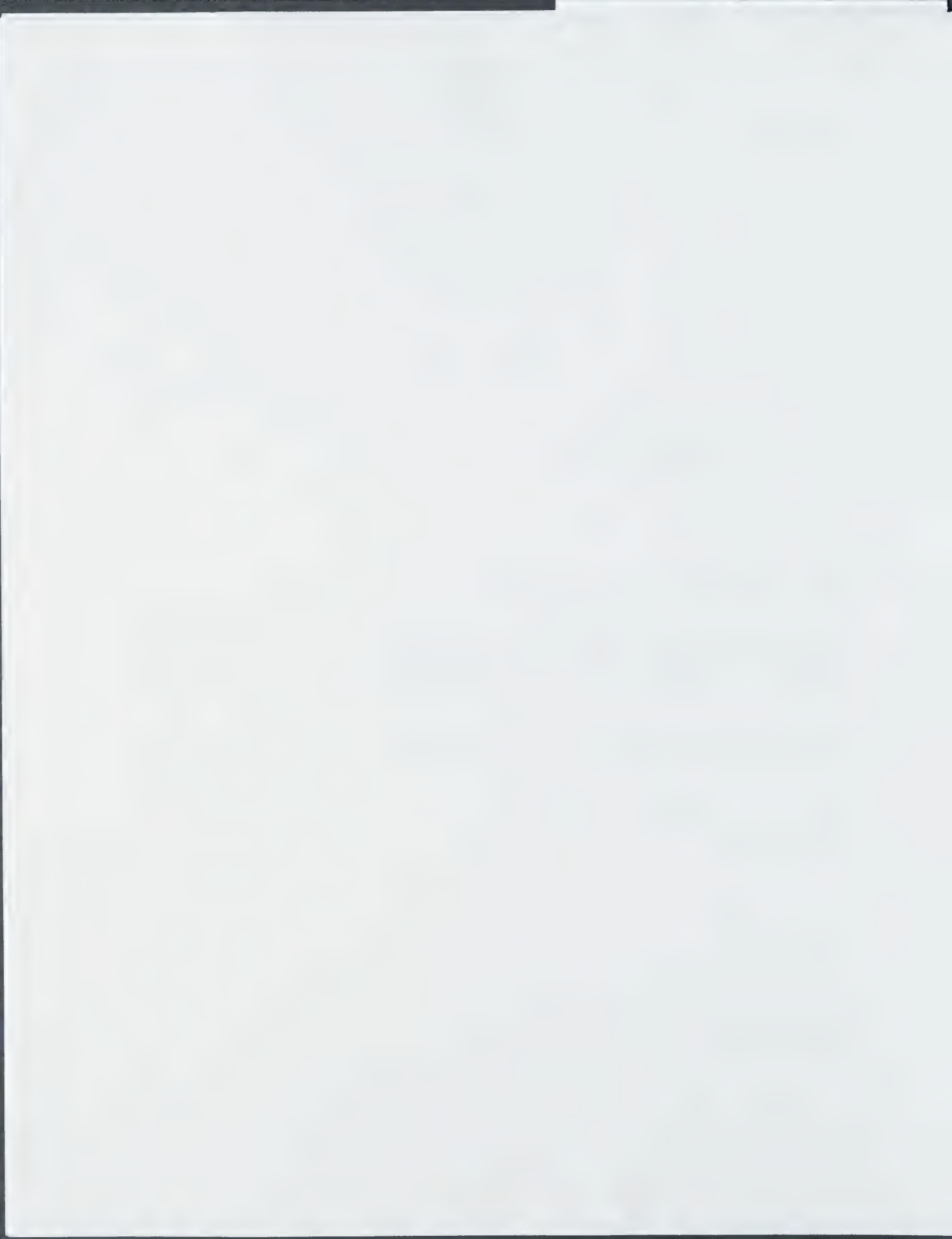
I will be mailing a copy of his autobiography and a copy of his speech entitled *Chemophobia: Fear for the Future*. (It is 11 pages, so I'd rather not fax it.) I will fax Dr. Bader tomorrow and confirm that Wednesday, January 8th will fit into his schedule. (It's a bit late in England tonight.)

If you have any other questions or would like any other references, I will be in the office Tuesday, Thursday and Friday of this week.

Wishing you a Happy New Year, I remain,

Yours sincerely,

Cheryl Weiss
Office Manager



FAX FROM

CHERYL

December 31, 1996

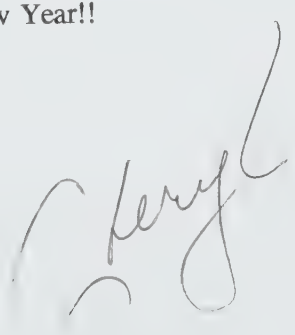
To: ALFRED & ISABEL

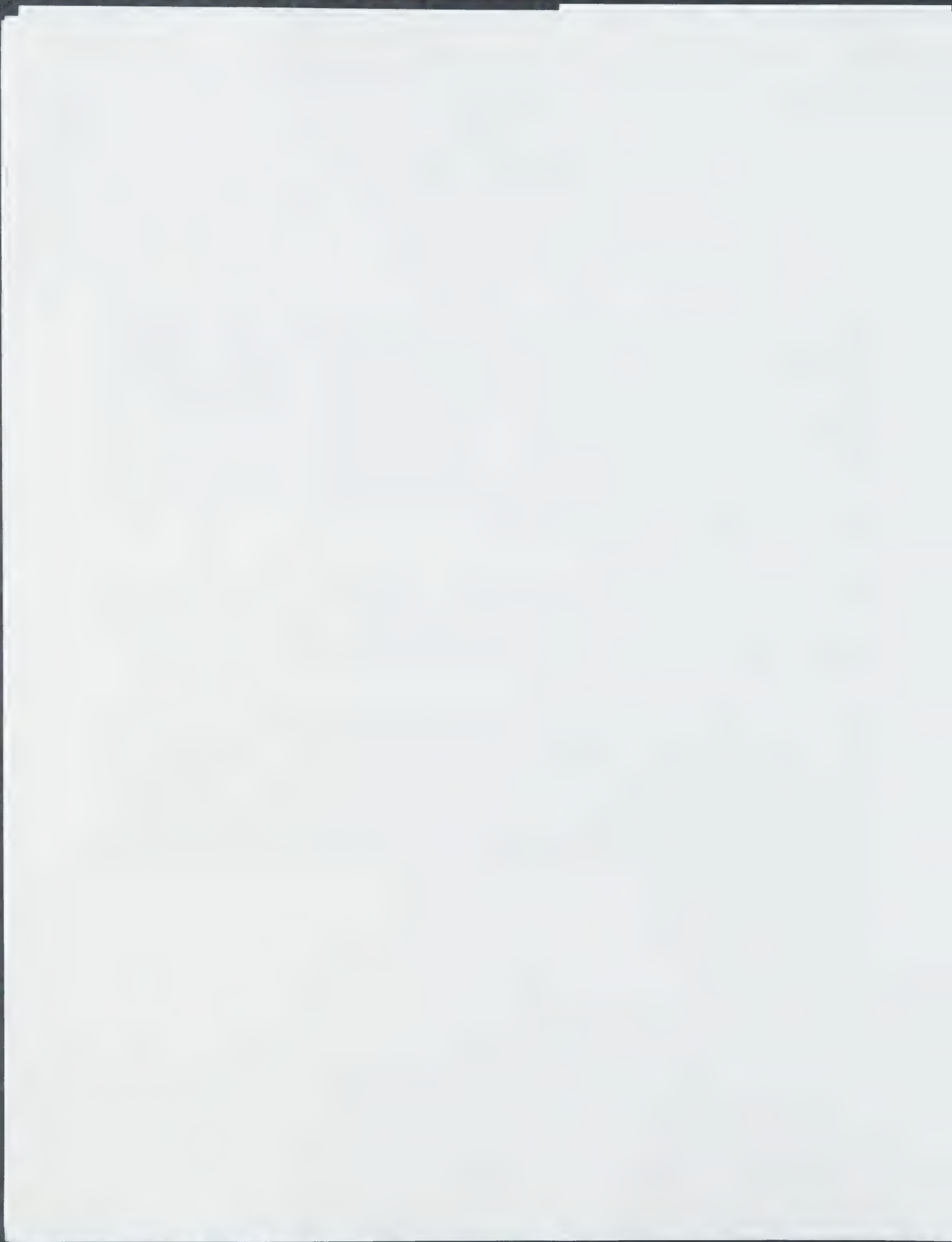
I had a phone call late yesterday afternoon that needs your prompt review. Steve Paulson, an interviewer on Wisconsin Public Radio, produces a nationally-broadcast show called *To the Best of Our Knowledge*. He is presently working on a show about chemicals and their dangers, and he asked if you would be interested in participating. I explained about your feelings about chemophobia and that you are a supporter of the good things chemicals do for us, and he said that he thought it would be beneficial to have both sides of the story. He had limited information about you, so we also discussed your background, etc. He had heard of your autobiography, and because time is very limited, I sent him a copy of the book, a copy of the text of your chemophobia address, a copy of your 'menu' of speeches and copies of the U of Alberta speech reviews by express mail (so he will have it by Thursday or Friday) and faxed him a CV and a bio last night. I also suggested that he could contact Ann Dekorsi at WMSE for references, etc.

Steve sounds like an intelligent and unbiased journalist. His questions about you indicate to me that he takes this show very seriously and wants to produce the best possible show for his listeners. His main interest for this show is chemical-related, but he would also be interested in drawing in your insights on the ties between art and chemistry as an illustration of how chemistry impacts many areas of our lives that we wouldn't ordinarily think of as being chemical-related or chemical-dependent.

He would be conducting his end of the interview from his Madison station, but you would be able to be interviewed at a sister studio in Milwaukee, located in the Wyndham Hotel downtown. He would like to conduct the interview on **Wednesday, January 8th, in the morning**. The program would air on the following weekend and again during the next week. It sounds like an excellent opportunity to promote your book and the positive side of chemicals in our lives. Will Wednesday morning give you enough time to recover from jet-lag? And are you interested? Please advise so that I can confirm your interest. Steve wants to know a bit more about you before he commits to the interview, but he seems very interested and positive, based on our conversation, so I would venture to say it's mostly dependent on your agreement.

Have a wonderful New Year!!





FAX TRANSMISSION

Paul H. L. Walter

SARATOGA SPRINGS, NY 12866-9211

To: Dr. Alfred Bader

Date: February 28, 1996

Fax #: 414-277-0709

Pages: 1, including this cover sheet

From: Paul H. L. Walter

Subject: Awards Dinner

COMMENTS

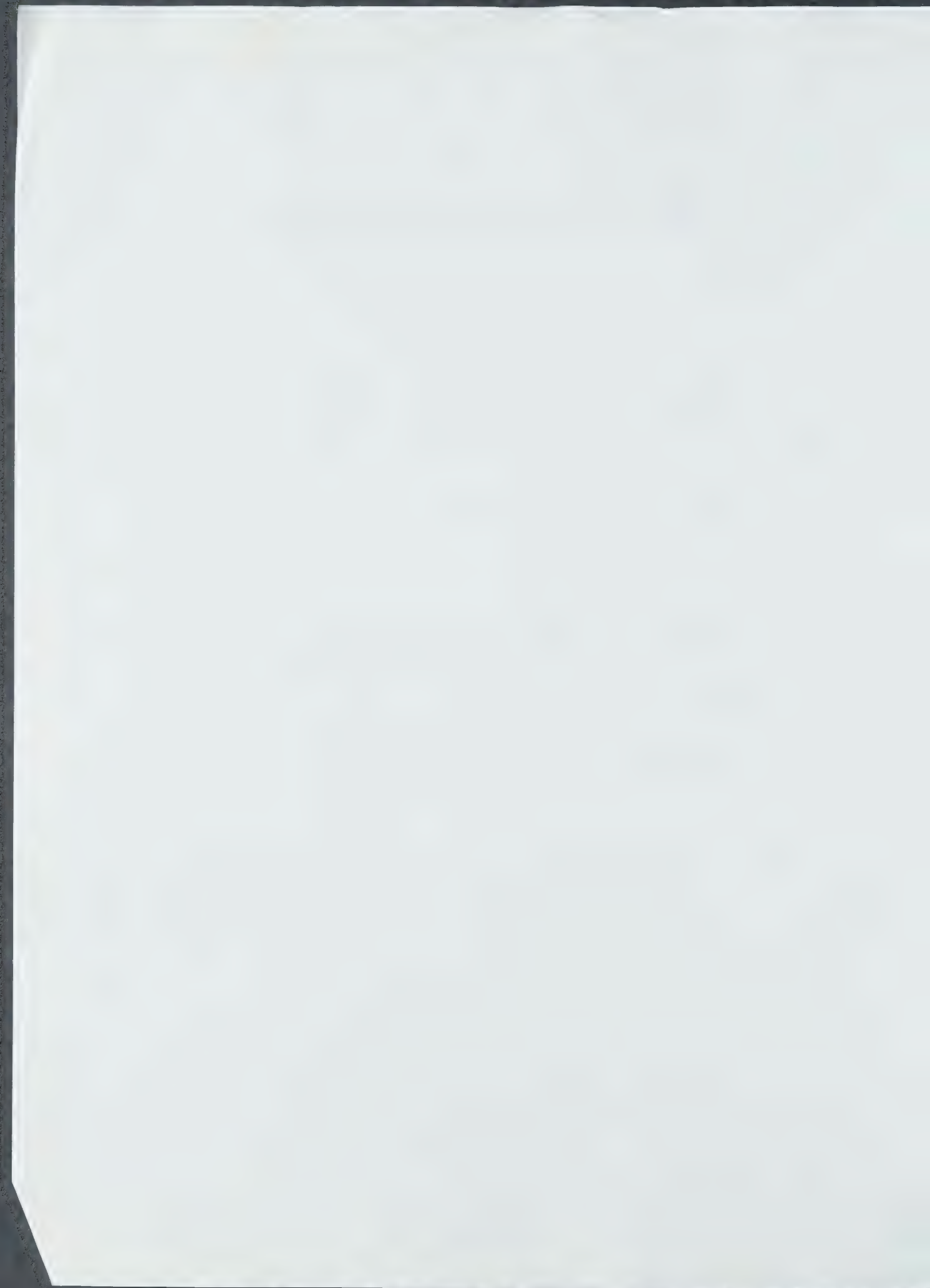
Dear Dr. Bader,

First let me thank you for considering me to act on your behalf at the ACS awards dinner in New Orleans. I am honored to escort the Bader Award winner to the platform. As you surely know there are those very few people whose service to the profession and the Society have been so pronounced that the ACS can never repay our debt.

We are sorry that you will not be with us in New Orleans but hope to see you at some other ACS meeting soon.

Sincerely,

Paul Walter



WILLIAMS COLLEGE WILLIAMSTOWN, MASSACHUSETTS 01267-2692 U.S.A.

DEPARTMENT OF CHEMISTRY
Thompson Chemical Laboratory
(413) 597-2323

30 November 1995

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

Dear Dr. Bader:

I am writing to ask if you might be able to assist me in my work as a natural product chemist researching the toxic agents in Southeast Asian dart poisons. As you probably already know, early work with these poisons led to the isolation and structure determination of two so-called "cardiac glycosides" called α - and β -antiarin. Our current work involves searching these dart poisons, as well as their plant resin sources (*A. toxicaria* resin, to be specific) for new toxic compounds employing a biorational screen based upon inhibition of Na^+/K^+ -ATPase. So far, we have isolated *ca.* 5 biologically active components and we are now beginning the process of structure determination. A very important step in this process is avoiding just "rediscovering" the antiarins. To this end, we recently requested small samples of α - and β -antiarin from another researcher in this area, Dr. Brigitte Kopp of the Institut für Pharmakognosie der Universität Wien. (We also contacted Professor Reichstein in Basel but have received no reply from him.) Professor Kopp related to me that Professor Reichstein had, some years ago, given his collection of cardenolides to you and that you had kindly supplied her with comparison samples recently. Could I please make a similar request? We are in need of small amounts of these materials in order to carry out chromatographic and spectroscopic comparisons with our samples. Several milligrams of these materials would be extremely helpful if you can supply them, but anything you could send us would be greatly appreciated. Naturally, we would return anything to you that we did not use.

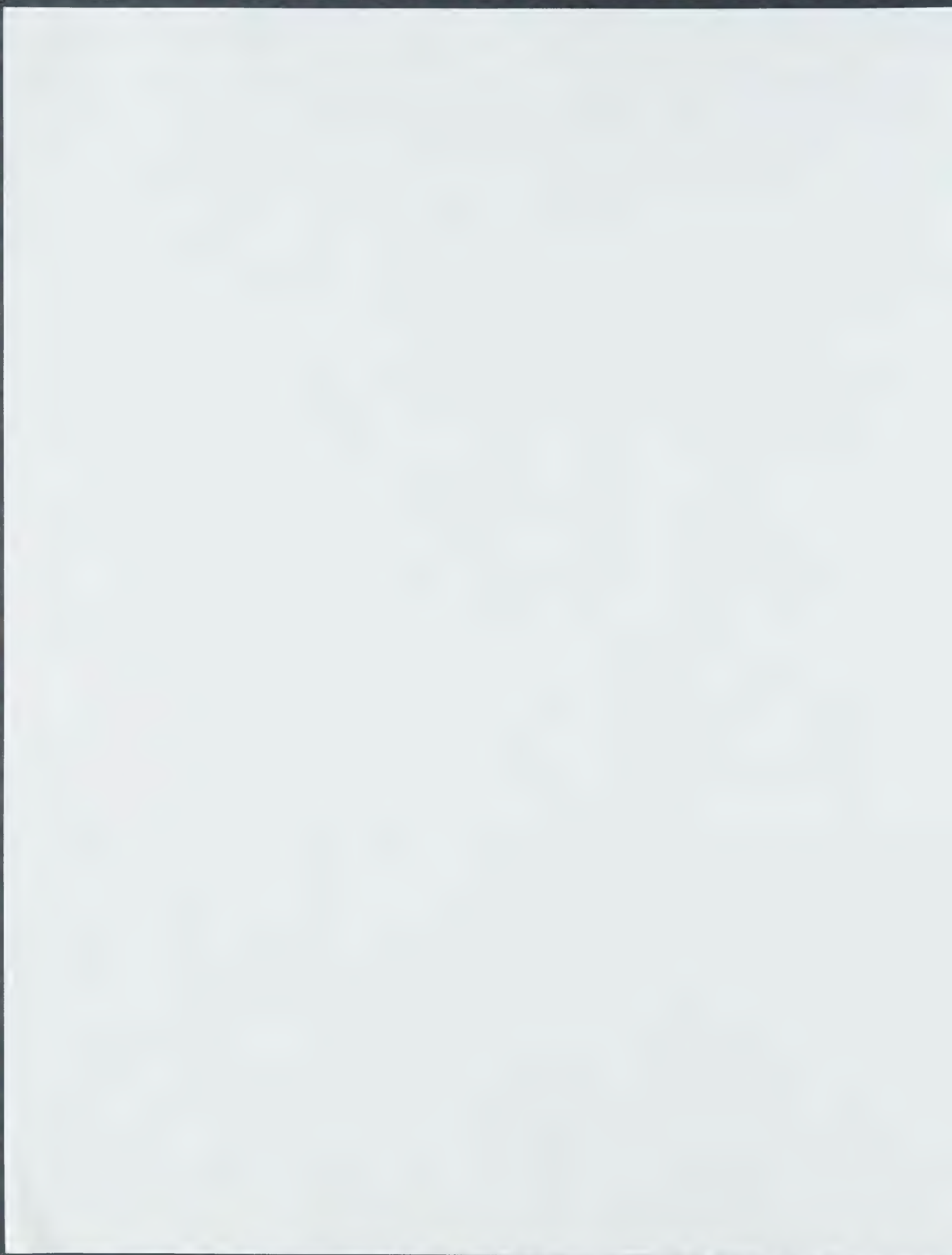
Thank you very much for considering my request to aid us in our research. I will look forward to your reply and I wish you the best of luck in your continuing work.

Sincerely,



David P. Richardson
Associate Professor of Chemistry

nb





Dr. Alfred Bader
924 East Juneau, Suite 622
Milwaukee, Wisconsin 53207
Phone: 414/277-0730
Fax: 414/277-0709

A Chemist Helping Chemists

December 28, 1995

Professor David P. Richardson
Department of Chemistry
Williams College
Thompson Chemical Laboratory
Williamstown, MA 01267-2692

Dear Professor Richardson:

I am sorry that a long trip to England has delayed my responding to your important letter of November 30th.

Many of Professor Tadeus Reichstein's compounds are still in the Sigma-aldrich Library of Rare Chemicals, which is managed by a very able and enthusiastic chemist, Bob Wandler.

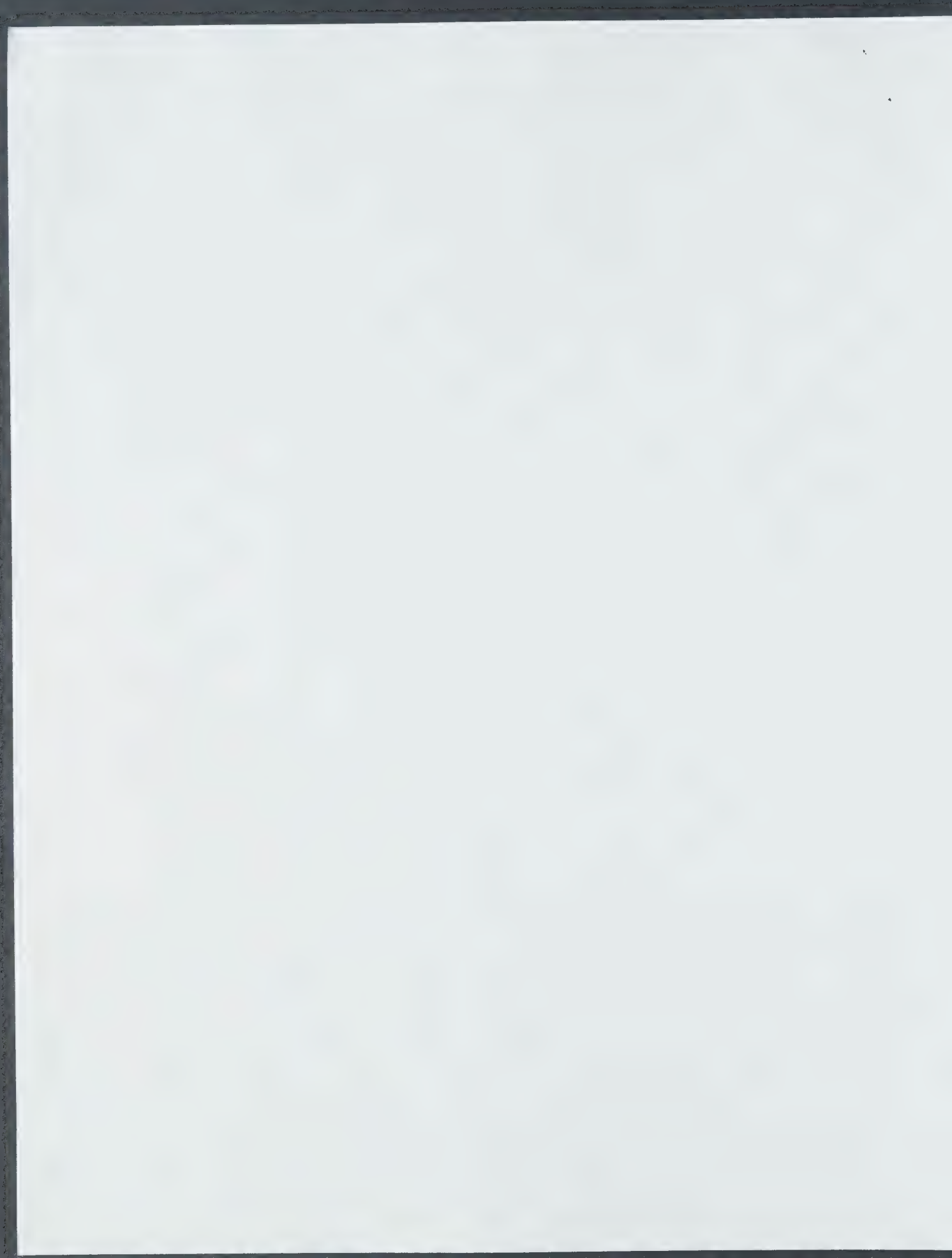
I am sending Bob a copy of your letter and you can then communicate with him directly. His extension at Aldrich is 7840, and of course, you will have Aldrich's 800 number given in its catalog.

With all good wishes, I remain,

Yours sincerely,

AB/cw

c: Bob Wandler



WILLIAMS COLLEGE WILLIAMSTOWN, MASSACHUSETTS 01267-2692 U.S.A.

DEPARTMENT OF CHEMISTRY
Thompson Chemical Laboratory
(413) 597-2323

30 November 1995

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

Dear Dr. Bader:

I am writing to ask if you might be able to assist me in my work as a natural product chemist researching the toxic agents in Southeast Asian dart poisons. As you probably already know, early work with these poisons led to the isolation and structure determination of two so-called "cardiac glycosides" called α - and β -antiarrin. Our current work involves searching these dart poisons, as well as their plant resin sources (*A. toxicaria* resin, to be specific) for new toxic compounds employing a biorational screen based upon inhibition of Na^+/K^+ -ATPase. So far, we have isolated ca. 5 biologically active components and we are now beginning the process of structure determination. A very important step in this process is avoiding just "rediscovering" the antiarrins. To this end, we recently requested small samples of α - and β -antiarrin from another researcher in this area, Dr. Brigitte Kopp of the Institut für Pharmakognosie der Universität Wien. (We also contacted Professor Reichstein in Basel but have received no reply from him.) Professor Kopp related to me that Professor Reichstein had, some years ago, given his collection of cardenolides to you and that you had kindly supplied her with comparison samples recently. Could I please make a similar request? We are in need of small amounts of these materials in order to carry out chromatographic and spectroscopic comparisons with our samples. Several milligrams of these materials would be extremely helpful if you can supply them, but anything you could send us would be greatly appreciated. Naturally, we would return anything to you that we did not use.

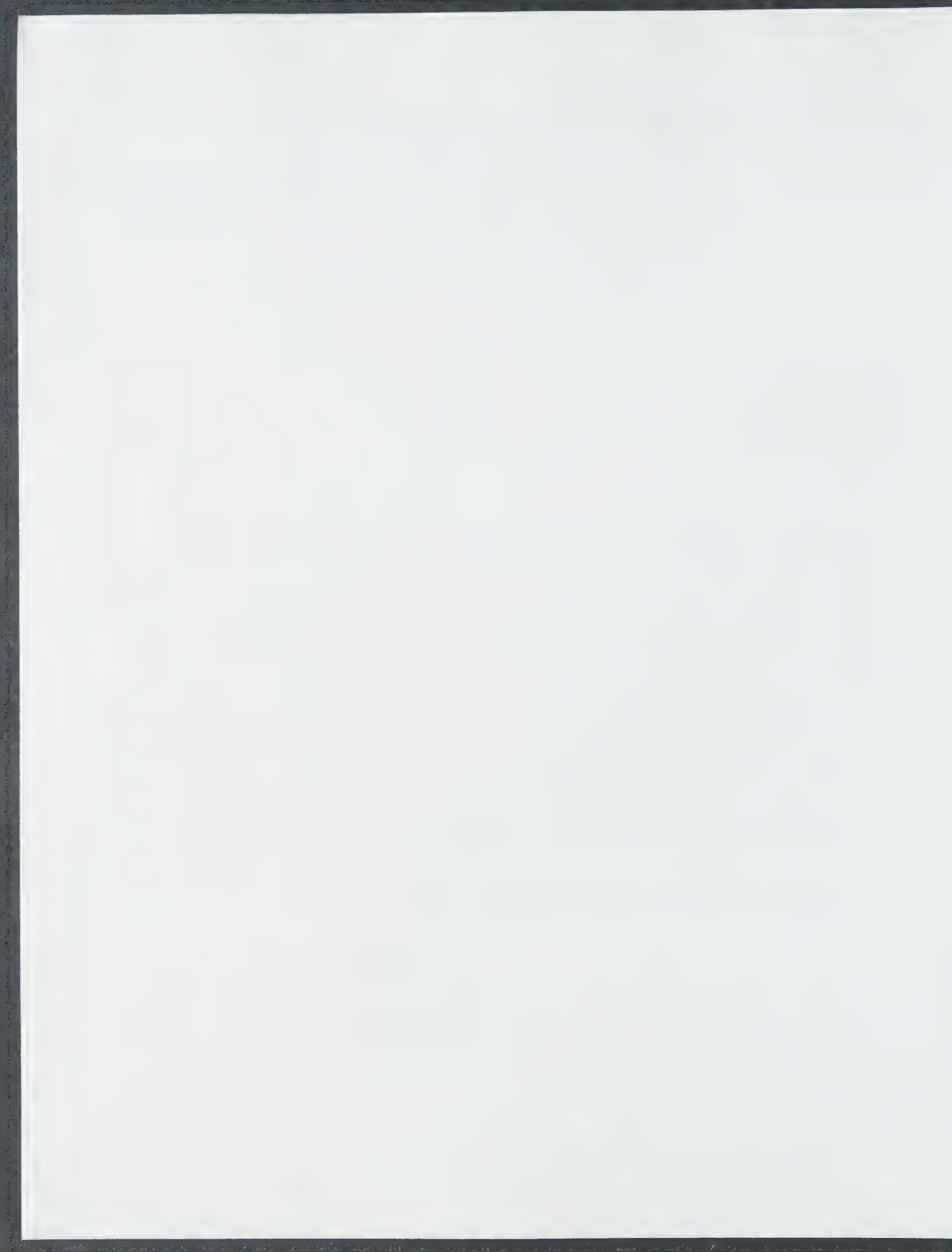
Thank you very much for considering my request to aid us in our research. I will look forward to your reply and I wish you the best of luck in your continuing work.

Sincerely,

David P. Richardson
Associate Professor of Chemistry

nb

nb

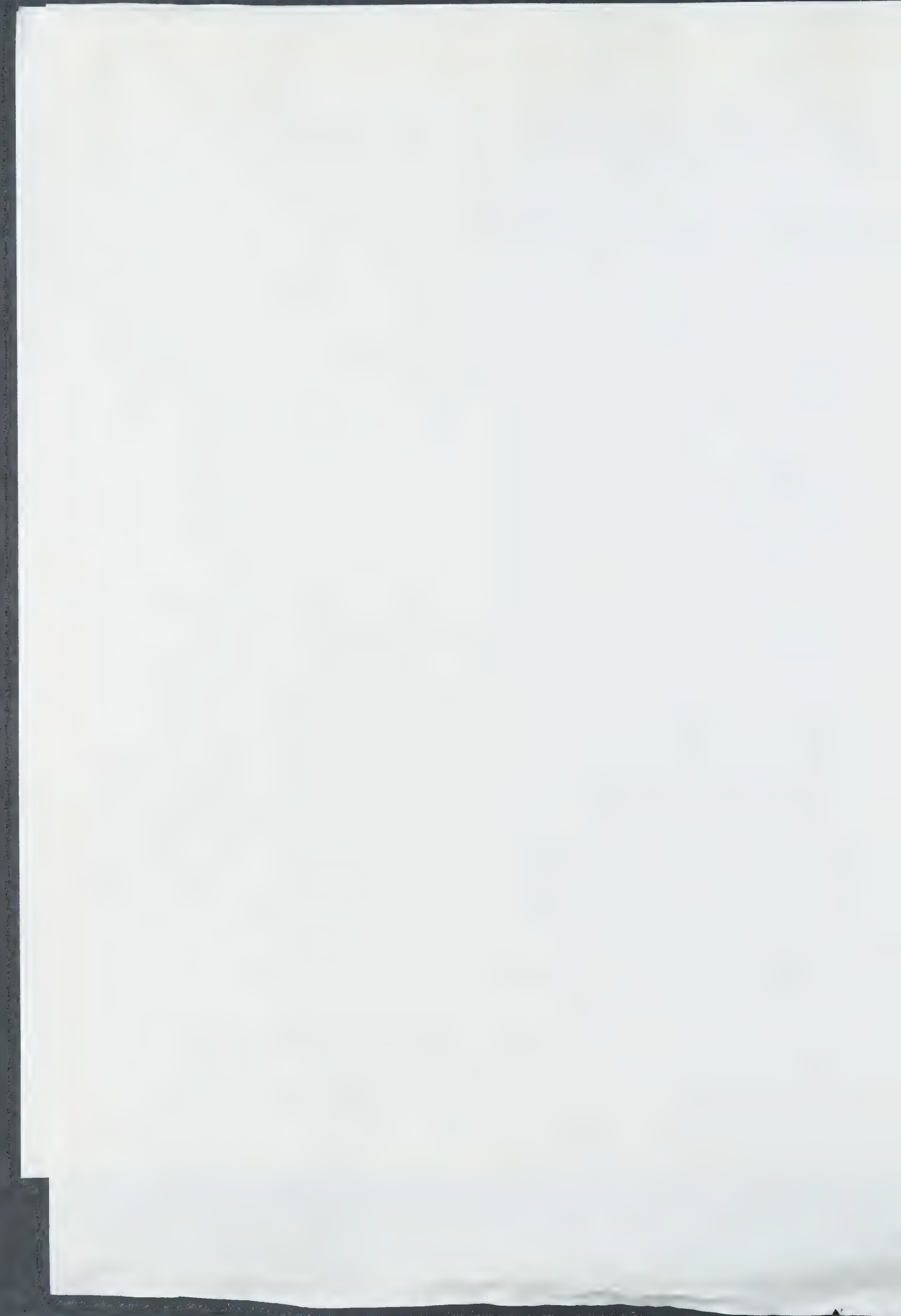


WILLIAMSON

Faint text block, possibly a list or set of instructions.

Faint text block, possibly a date or location.

Handwritten signature
Faint text below the signature.





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

A Chemist Helping Chemists

January 15, 1996

Dr. A.F. Webb
10, The Glebe
Haverhill
Suffolk CB9 0DL
England

Dear Dr. Webb:

I so enjoyed reading your long letter of January 1st, which of course brought back many memories to me also.

I remember Dr. Fuller very well as a very interesting - but probably difficult to work with - chemist who was also very interested in antiques.

Koch-Light stopped paying its bills, and a receiver was called in. To me, that spells something so close to bankruptcy that I could not tell the difference. Certainly, the buyers of that company were not happy with it, and a great deal of the old stock had to be discarded.

I thought much more highly of Wychem, particularly after it was acquired by an Israeli company. However, the relatively large scale equipment was so close together that it often struck me as an invitation to an accident.

I know the work of van Meegeren quite well and in fact, at one time owned a madonna by him, which I gave to an art historian friend who admired it greatly. The famous *Supper at Emmau's* is still at the museum in Rotterdam.

I still follow a number of British chemical companies with great interest. One is Coalite Chemicals, which has a fine plant and excellent chemists, but also the well-known environmental problems. Another company, very competent and productive, is JRD Fluorochemicals Ltd., which is run by the chemists who ran Yarsley. This originally was owned by the British Institute of Physics, which sold it to Shell, which in turn sold it to BNFL, without however assuring that the very able people would stay with the company. They have now set up their own very competent operation in Leatherhead.

Dr. A.F. Webb
January 15, 1996
Page 2

Isabel and I spend three months in our home in Bexhill, usually in June, July, November and December, and if your travels ever bring you to Sussex, we would love to be able to take you for lunch at Herstmonceux Castle.

With all good wishes, I remain,

Yours sincerely,

AB/cw

Be fine happy

10, The Glebe
Haverhill
Suffolk
CB9 0DL

1. 1. '96

UK

Dear Dr Bader,

I have just been reading "Adventures of a Chemist Collector". It was fascinating to learn the stories behind the companies which are household names (or should I say laboratory names) in the chemical world. I must say that I think that the circumstances in which you were ousted from Aldrich were disgraceful.

I remember the Ralph Emmanuel Company from my early days in the fine chemical industry, which were at Wychem, a company started by Geoff. Fuller, an ex Koch-Light employee. Our first major product was MCPBA, for which we had a unique method. It never caused us problems on the scale that you experienced, although we did encounter the occasional melted

plastic tray in our drying oven. Eventually we could turn out any assay, up to 99%, but shipping regulations were gradually tightened to the point where multi-kilo sales were impossible.

I met Phil Koch when he visited Wychem shortly after Geoff. started it: he positively radiated disapproval! However, about a year later when we had just installed a lot of plant (bought at scrap value from Beecham's), but didn't have much work for it, K-L had a disastrous fire (caused by static): Geoff was on the 'phone right away, and we hired out our plant to them for a few weeks. I don't think Koch-Light actually went bankrupt, although it was run by the official receiver for some time, then sold as a going concern to the New Brunswick Chemical Company. Dr. Koch started another company, but is now retired,

I believe.

I'm glad to hear that Henry Gilman's reputation as a 'slave driver' was well established: I thought it was just me! I did a year's postdoc. under Henry in 1969.

Actually, I think he had mellowed quite a bit by then, but we Brits were used to a more sedate pace!

A year after Wychem was taken over by the Vickers organisation, I left, with Brian and Terry Church, and we set up Novachem which did well, after a shaky start. We began in the old Hopkin and Williams plant in Haverhill (I remember that every window in the place, even in the offices, many yards away, was etched as a result of H & W's many years' distilling HF). Later we moved across the road to a site just over the fence from Koch-Light's old plant, which was by then owned by Genzyme.

My time at Novachem was the most enjoyable part of my career in the

Chemical industry so far, largely because I was the only qualified chemist there for most of the time. Eventually we were getting far more enquiries than we could handle, and were able to select the cream, which frequently involved some interesting chemistry.

Novachem's eventual downfall was brought about by financial mismanagement (not by anybody I've mentioned), about which my views are probably libellous!

Koch-light seems to have 'seeded' a number of small companies: apart from Wychem and Novachem, there are Melford Organics, Prosynth and Inovatech, all within a few miles.

During my time at Wychem and Novachem I was impressed by the fact that materials ordered from Aldrich nearly always arrived by return post. Aldrich was also a valued customer of both companies.

Wychem is still going strong, and seems to be heavily into bromine chemistry

Judging by the crates I notice whenever I pass.

Geoff has, I hear, returned to his farm in Wales which he bought just before Chernobyl turned all hill-farmed sheep in the UK mildly radioactive (I believe that this is the only known instance of radioactivity prolonging life).

Turning to Art, do you know anything of the Dutch forger, Han van Meegeren? I have a soft spot for him (although he was probably a rather nasty character), mainly because the critics who had deified his work praised it to the skies when they thought it was by Vermeer. I often wonder what became of his 'Vermeers' but I'm afraid that they may have been destroyed, because of the severe laws concerning forgeries, in Holland. However, his final work, painted at his trial to demonstrate his techniques, can hardly be regarded as a forgery, since its provenance is

undoubted: I think its subject was the
last supper - I wonder what became of it.

Van Meerbeem's method of simulating the
craquelure of ancient varnish relied on the
use of oil-modified phenolic resins, made by
Catalin Ltd, a firm for which I once worked.
These resins are made by heating polyunsaturated
oils, e.g. tung oil, with phenol and an acid
catalyst, resulting in the attachment of the
oil molecule as a side chain (probably by
the reaction of the phenol with a conjugated
unsaturated system, as mentioned in your book).
The substituted phenol is then used in a
phenol-formaldehyde resin-forming reaction,
giving a resin which can be incorporated into
"drying oils".

This has evolved into a long chatty
letter of the time-wasting variety. My
excuse is that it was stimulated by your
book. May I wish you all the best
for 1996?

Yours sincerely

A. F. Webb.



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

A Chemist Helping Chemists

April 3, 1996

Dr. Greg Wall
4044 Oleatha Avenue
St. Louis, MO 63116

Dear Greg:

Thank you so much for your fax of yesterday.

The enclosures may interest and amuse you.

I much look forward to seeing you in Edwardsville, but please be very careful discussing your going there. Tom Cori is one of the most vindictive characters I have ever met, and I believe that at least one of the reasons why Dan Fagan lost his job as president of Sigma is because he published the story of Aldrich in three successive Sigma house organ publications.

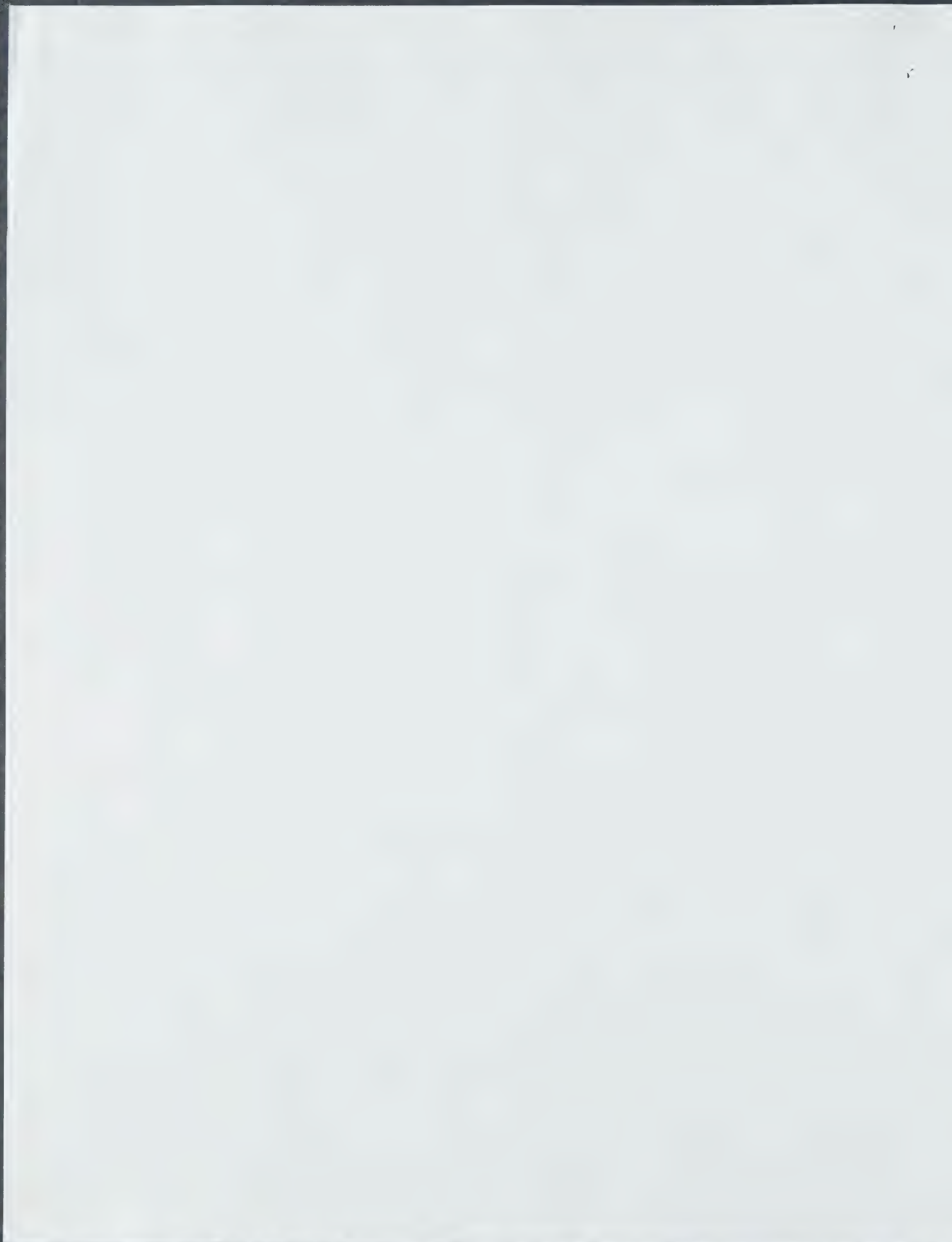
Of course, Isabel and I would be happy to speak in St. Louis, though the venue should be right and you should not be openly involved.

With all good wishes, I remain,

Yours sincerely,

AB/cw

Enclosures



ST. LOUIS SECTION

American Chemical Society



APR 20 1998

Dr. Alfred...
14 East...
Suite 624
Milwaukee WI 53201

FAX: 414-227-...

Dear Alfred,

It was my pleasure talking to you the other day. I am looking forward to meeting you at the lecture series at SIUE later this month. Although I have followed your career for many years, I will admit that we have never met personally.

I am interested in getting the reviews of your book. You may send them to the following:

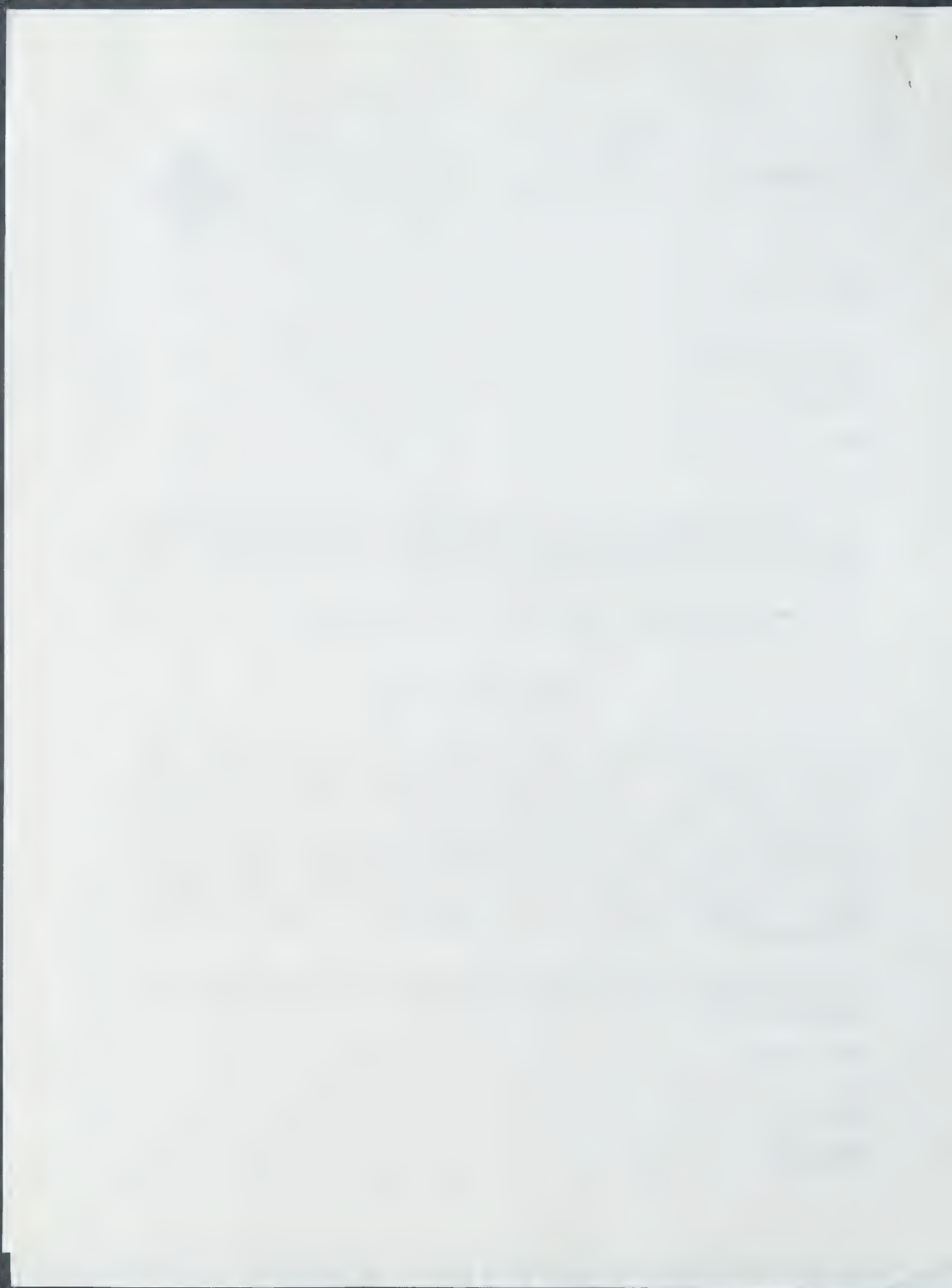
Greg Wall
4044 Oleatha...
ST. LOUIS MO 63118

I would also like to invite you as a guest of the St. Louis Section to give a series of lectures this fall or whenever your schedule permits. I was thinking of either having them at the Planetarium at the St. Louis Science Center or possibly having the lectures at several universities, i.e., St. Louis University, Washington University and the University of Missouri at St. Louis or several institutes, i.e., Art Museum, Botanical Garden and the St. Louis Science Center. I am sure scheduling will determine the venue. Bob Cundall, whom you have previously met, is our General Topics Chairman and he will be involved in helping make the arrangements for your visit.

As things develop, please feel free to contact me at work: 800-325-5832 ext. 3139, at home: 314-772-0037 or by e-mail: wallg@sls.com.

Best regards,

Greg Wall
Greg Wall
Chairman



Aug. 1995

P.S.

Holland America Line's ms Nieuw Amsterdam - christened in 1983 and ms Noordam - christened in 1984, both are a gracious addition to the Ocean Liner fleet.

33,930 tons - 9 passenger decks - fully air conditioned - stabilizer equipped.

Dear Dr. Bader

Thank you for the letter of August 2nd, with your decision regarding support of our 'Herzberg Fund'. We are supporting some fine young Chemists with it, but I do understand.

It is likely that I'll be teaching beginning right after the New Year, so that we can't linger in Kenosha. I'll contact you when our next visit to Wisconsin occurs; likely that will be more frequent when my retirement commences, soon.

HAL30702220(5/93)NA
HAL30702223(5/93)NO

With best personal regards to both of you, also from Andrea, John Weil

We are 'doing' the Inside Passage Cruise to Alaska right now. Very enjoyable!



Holland America Line



April 19, 1995

Dear Bader: Today I
voted 600 shares FOR
your resolution.

Perchance you'll come
to Sacramento*; you are welcome
at my home (my rates are
very reasonable - laundry included).

* That PRE-REMBRA- Charles Williamson
NDTISTS show in the 916 363-2395
seventies went over
well. JACOB and TOBIAS stood out.

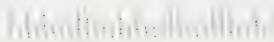
C. Williamson
PO BOX 7177
SACTO. CALIF. 95827



Ratification of the Bill of Rights USA 19

Dr. Alfred Bader
2961 N. Shepard Ave.
Milwaukee, Wis. 53211

PSN 10





ALFRED BADER FINE ARTS

DR. ALFRED BADER

ESTABLISHED 1961

May 3, 1995

Mr. Charles Williamson
P.O. Box 7177
Sacramento, CA 95827

Dear Mr. Williamson:

Your thoughtful card brought back great memories of our previous correspondence.

Unfortunately, there is little chance of my coming to Sacramento unless the ACS invites me for a tour.

I now have quite a few speeches to pick from, and I enclose the 'menu'. Maybe you could suggest this to your ACS program chairman.

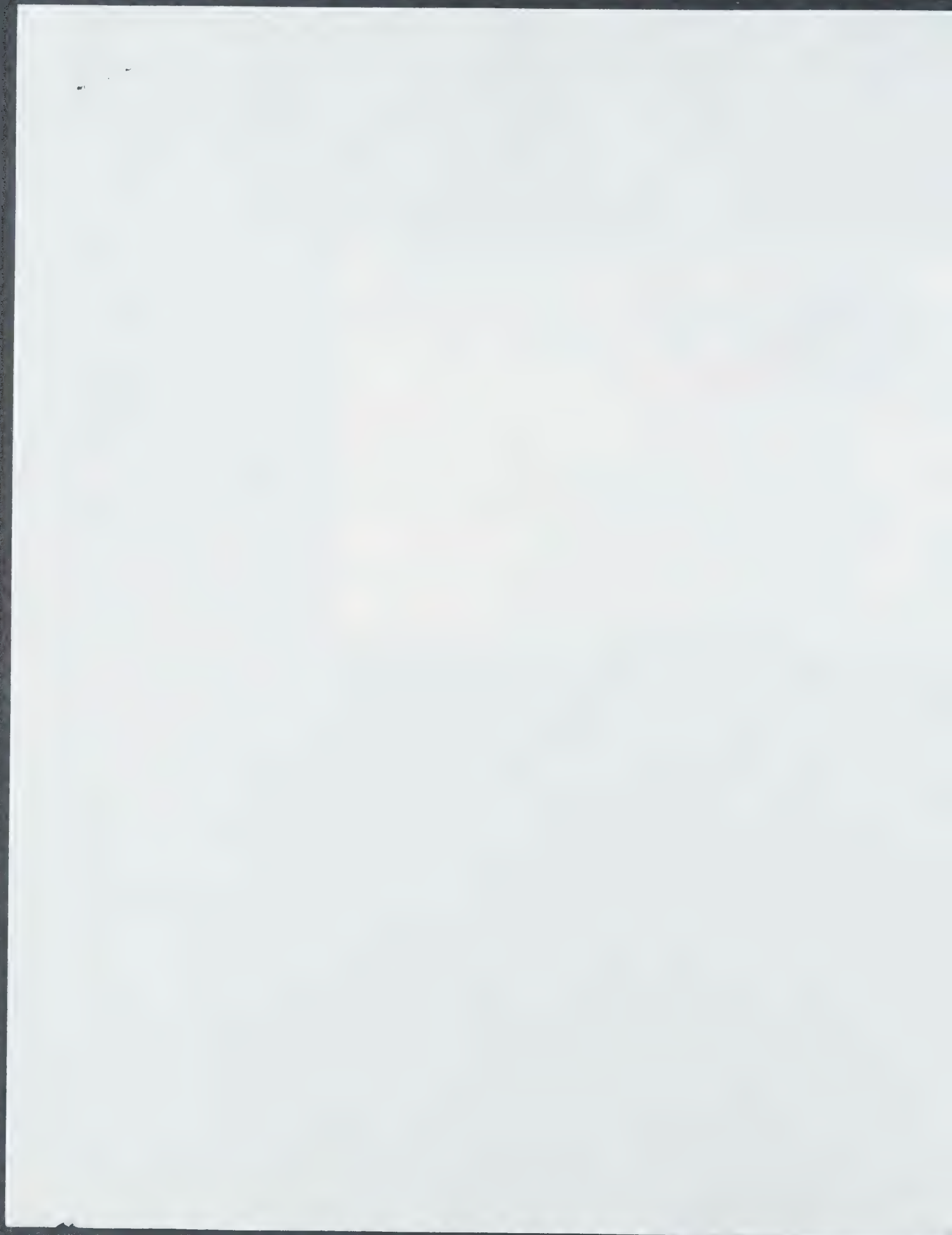
With all good wishes, I remain,

Yours sincerely,

AB/cw

Enclosure

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





ALFRED BADER FINE ARTS

DR. ALFRED BADER

ESTABLISHED 1961

June 1, 1995

Mr. John Michael Wiswesser
508 Raymond Street
Redding, PA 49605

Dear Mr. Wiswesser:

It was a pleasure being able to chat with you yesterday.

The Loschmidt Symposium will be held in Vienna from June 25-27, and I enclose a program.

This Symposium would not be held without your father's deep involvement, and of course, I will describe this in both of my lectures.

I enclose a copy of your father's letter to Linus Pauling, which first drew my attention to Loschmidt.

My autobiography is distributed in this country by Trafalgar Square, ISBN 0-297-83461-4, and includes a description of your father's work and his photograph, as you will see from the enclosed.

I promised your father to continue his work, and as you will see from the enclosed, I am keeping my promise.

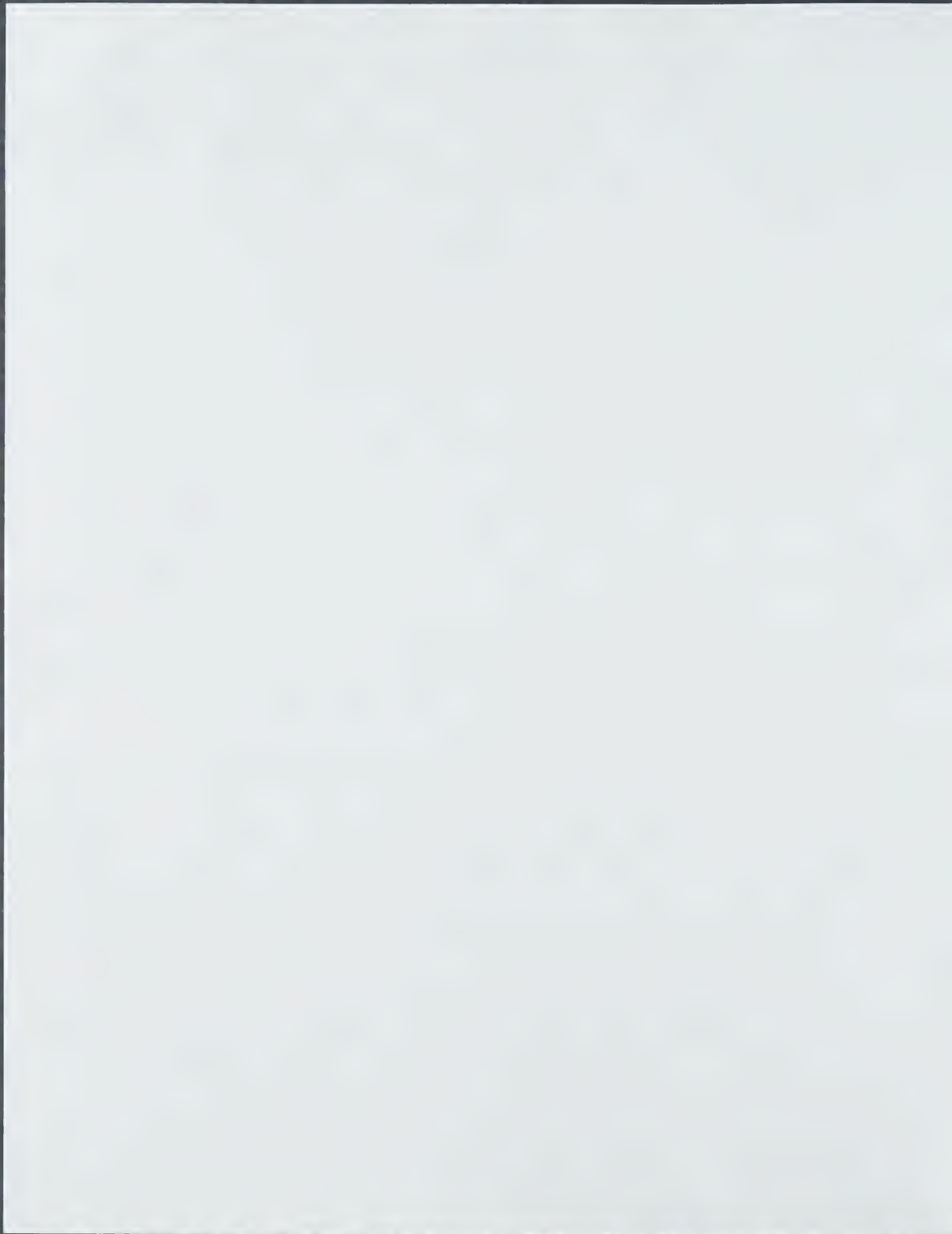
With all good wishes to you and your family, I remain,

Yours sincerely,

AB/cw

Enclosures

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





ALFRED BADER FINE ARTS

DR. ALFRED BADER

ESTABLISHED 1961

March 6, 1995

Professor Yeshayau Pocker
Department of Chemistry
University of Washington
Seattle, WA 98195-1700

Dear Professor Pocker:

Thank you for your most interesting letter of February 28th and the enclosures. I have passed these on to my son, Daniel Bader, the President of the Helen Bader Foundation.

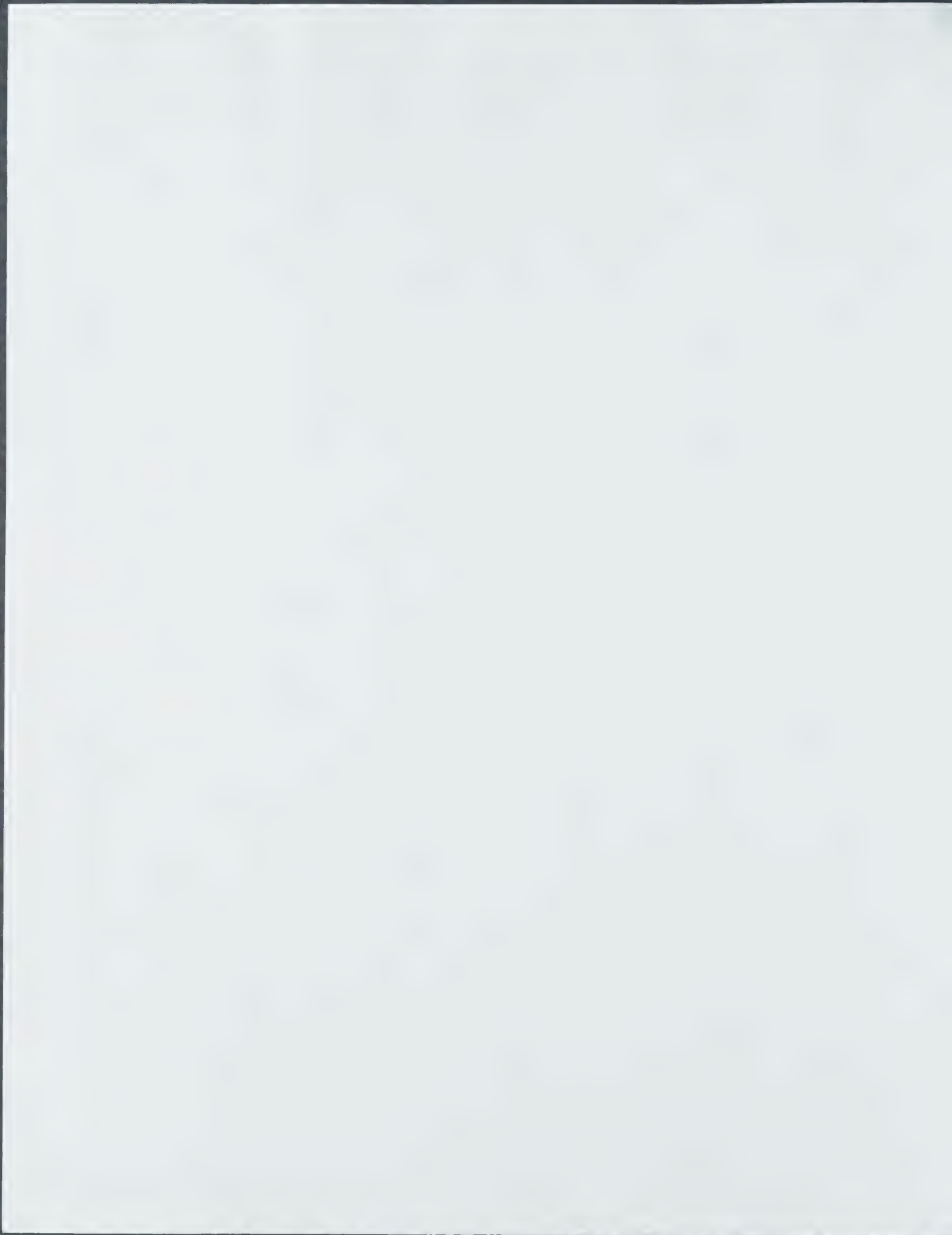
Enclosed please find the Foundation's latest annual report. You will see that it continues to support efforts to help Alzheimer's patients, but I believe that the Foundation now prefers very practical applications simply because it is not really in a position to judge fundamental research.

With all good wishes, I remain,

Yours sincerely,

cc: Daniel Bader

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



UNIVERSITY OF WASHINGTON
Seattle, Washington 98195-1700

Yeshayau Pocker, Professor
Department of Chemistry
Box 351700
Phone (206) 543-1672
FAX # (206) 685-8665

February 28, 1995

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

Dear Dr. Bader:

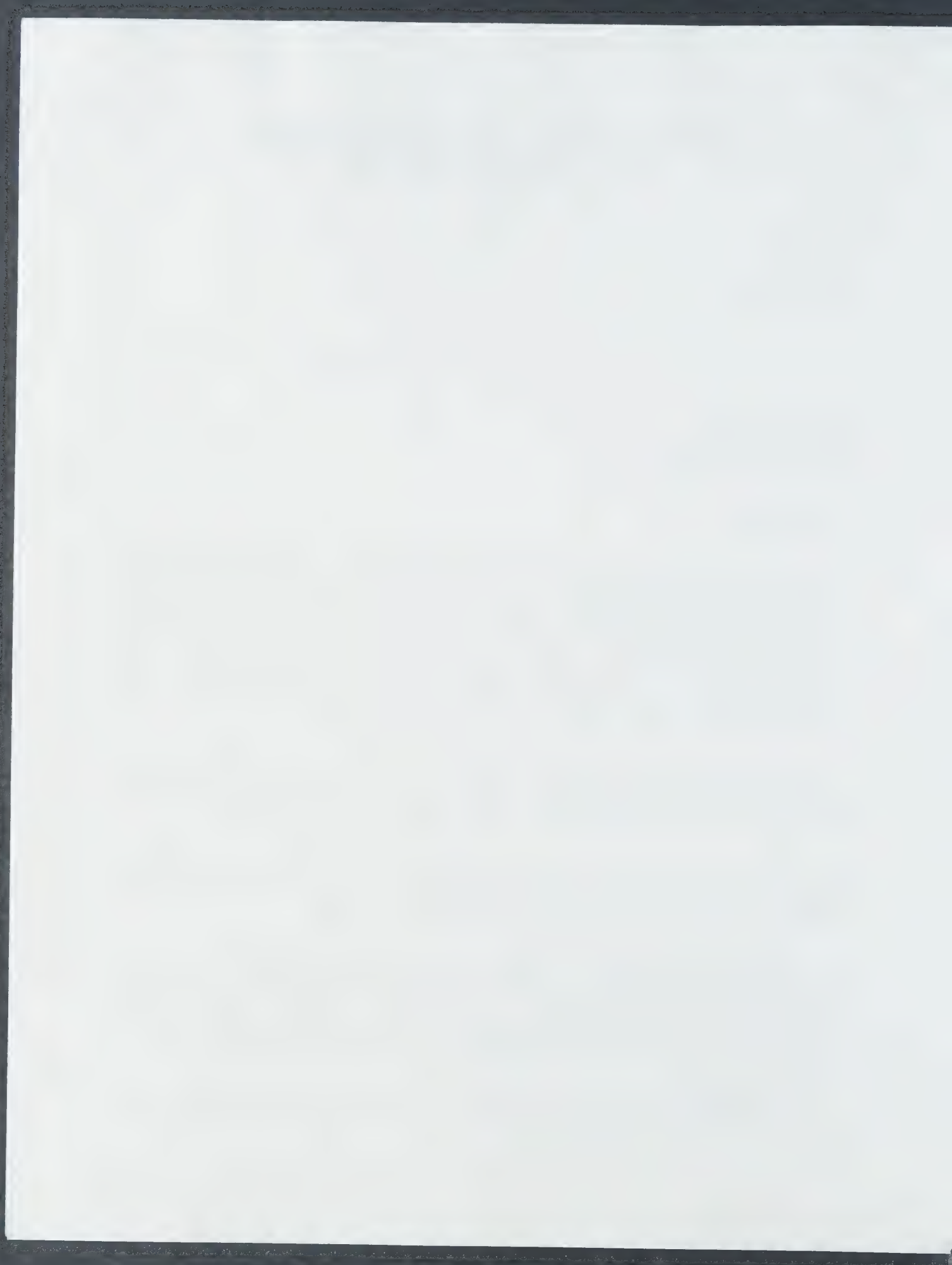
Thank you for your kind letter of January 6, 1995 and the deep interest you expressed in my research relating to Alzheimer's disease. As you know, this disease is one of today's most painful and costly afflictions in individual, social, and economic terms, affecting over 4 million Americans and costing over \$50 billion annually. In spite of intensive and prolonged research into the nature and etiology of this condition, neither a cure nor a consistently effective treatment is as yet available. In the case of such an illness, which is so very burdensome to the individual, the affected family, and society, even palliative measures with no permanent curative properties would be of great importance, especially in view of the demonstrated correlations between the severity of a case and the hardship and expense endured by both afflicted and caregivers.

The interest in acetylcholinesterase inhibitors as therapeutic agents came recently into focus with the approval of 1,2,3,4-tetrahydro-9-aminoacridine (Tacrine; Cognex) by the FDA as a long-acting inhibitor which easily penetrates the blood-brain barrier after systemic administration. Our recent studies provide valuable information about acetylcholinesterase via two channels.

First, due to the difficulties involved in the clinical monitoring of this enzyme, we decided to develop a much simpler assay. Our method is based on the enzymatic hydrolysis of p-nitrophenylacetate and provides an excellent introduction into laboratory courses designed to emphasize neurodegenerative diseases of the Alzheimer type [see reprint].

Second, we have developed a quantitative model of inhibition of acetylcholinesterase by Tacrine [see accompanying manuscript]. The competitive and noncompetitive components of drug inhibition, as well as substrate inhibition are all seen to occur at the enzyme's active site and to respond to the same charge relay network. Furthermore, recent molecular dynamics simulations utilizing the x-ray structure of the enzyme support our conclusions by showing that Tacrine is involved in π -stacking interactions with tryptophan residues located within the active site.

Tacrine has improved memory function in up to 33% of patients involved in clinical trials and is the first drug to be licensed by the FDA specifically for the treatment of Alzheimer's disease.



However, medical studies indicate that with prolonged treatment some patients suffer some degree of liver damage. Consequently, if funding permits, we propose to design, synthesize and study novel Tacrine derivatives that are less toxic to the liver, especially those containing hydroxyl groups.

Although many of the presenting symptoms of Alzheimer's disease are well known, such as progressive loss of memory, cognitive dementia, and specific behavioral abnormalities, the defining characteristics of Alzheimer's disease are histological and are frequently identified or confirmed only after the death of the patient. The two abnormal tissue morphologies most often seen in the brains of patients are neurofibrillary tangles and senile plaques. The composition of the plaques includes the so-called β A4 peptide, a specific fragment of the amyloid precursor protein (APP). The invariable presence of these plaques in the brains of patients, together with genetic evidence that the APP is etiologically important, implicate the plaques as either probable causative or aggravating agents. However, the connection between the plaques and cell death or other events resulting in dementia is as yet unknown. Consequently, we initiated in depth studies of aggregation of the β -amyloid peptides under a variety of conditions. The three specific areas we hope to address in greater detail are: (a) the rate of spontaneous aggregation as a function of pH and ionic strength; (b) the effect of metal ions, especially aluminum and zinc, on the rate and mode of β -amyloid aggregation; and (c) the effect of sulfated proteoglycans on the rate and mode of β -amyloid aggregation.

The delicate nature of the aggregation process, and its sensitivity to environmental factors, require a level of skill found only in well trained postdoctoral research associates. If funding continues, these studies will allow us to deduce the events that enhance self-aggregation to dimers, to hexamers, to higher oligomers, and eventually to plaque formation. Our earlier experience with insulin self-association [*Biochemistry* **19**, 5043-5049 (1980), **20**, 4354-4361 (1981)] gives us an important advantage in delineating the kinetics of amyloid aggregation.

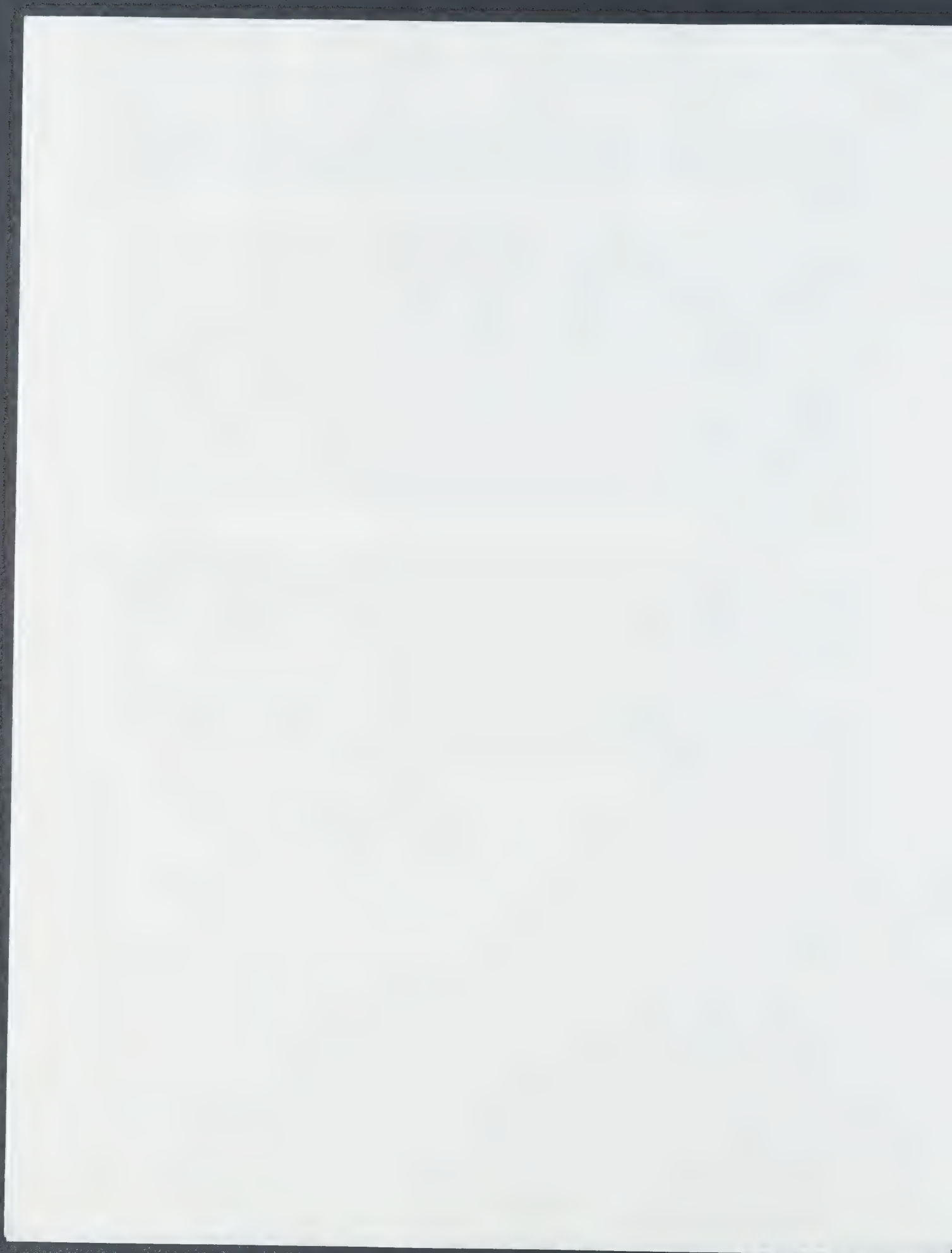
Needless to say, we are most grateful to the Helen Bader Charitable Trusts for their past support and would like to apply for continued funding of these two projects but are unsure as to whether the Foundation accepts grant requests for basic research on Alzheimer's disease. Your comments and suggestions in this matter would be very much appreciated.

Sincerely,



Yeshayau Pocker

YP:ks



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

January 6, 1995

Professor Y. Pocker
Department of Chemistry BG-10
University of Washington
Seattle, Washington 98195

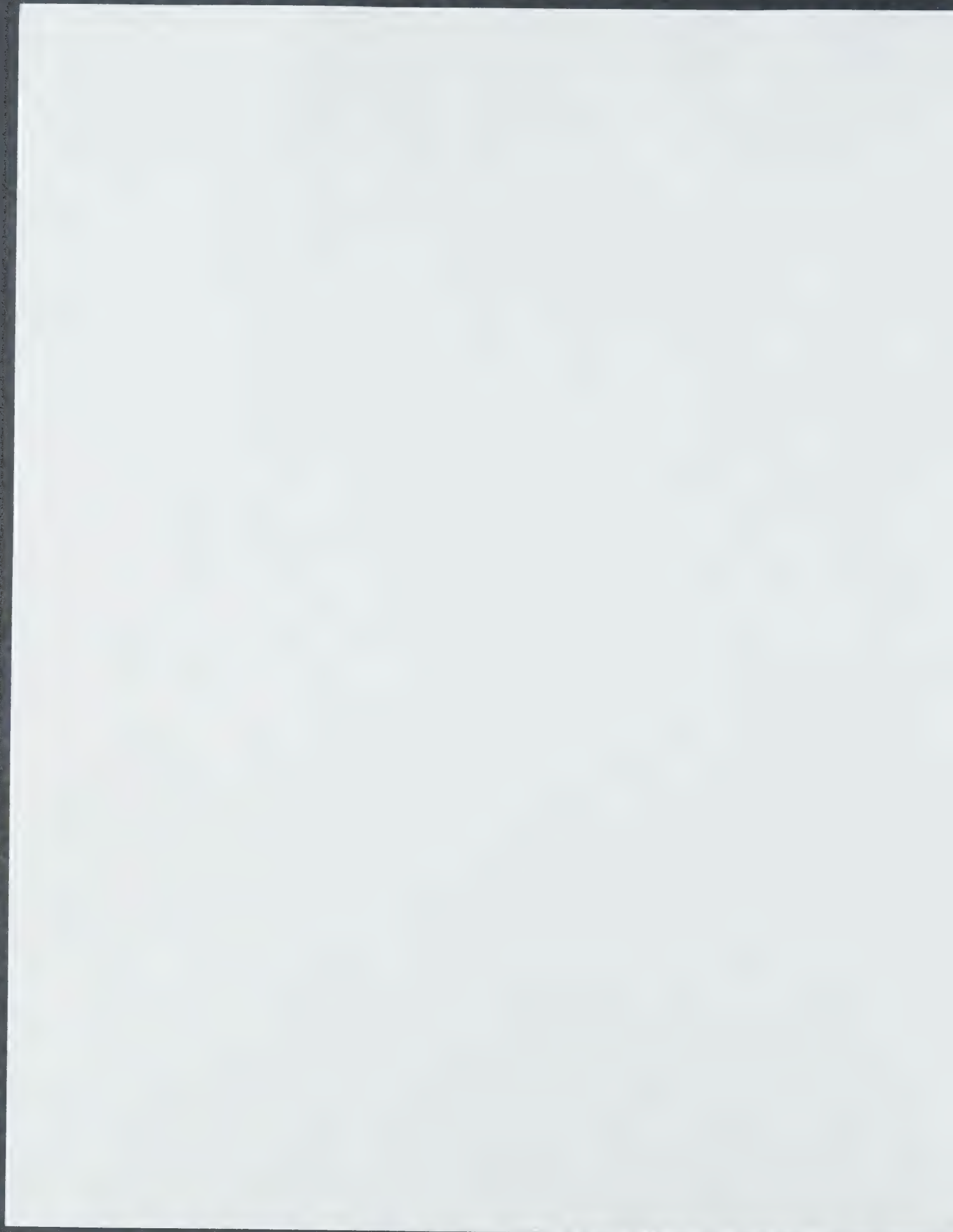
Dear Professor Pocker:

Thank you for your gracious letter of December 30th.

You will recall that the Helen Bader Foundation supported your research relating to Alzheimer's disease. I would very much appreciate your sending me reprints of research done with those funds.

All good wishes for 1995.

Sincerely,



UNIVERSITY OF WASHINGTON
Seattle, Washington 98195

Yeshayau Pocker, Professor
Department of Chemistry BG-10
Phone (206) 543-1672
FAX # (206) 685-8665

December 30, 1994

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

Dear Dr. Bader:

This happy occasion, of your having been selected to receive the Charles Lathrop Parsons Award of the American Chemical Society for 1995, combines many sentiments that your admirers feel deeply. We know that this award is in recognition of your outstanding public service, an honor you richly deserve and which is certainly long overdue.

I wish to express my admiration for your scientific, scholarly, and business careers, through which you have advanced chemistry in our nation and the world. You have persevered during these decades of extraordinary activity and have developed an uninterrupted interest in the advancement of chemistry and in the encouragement of new generations of scientists. You have enhanced the total capability of discovery through your exemplary leadership of the chemical company you founded and the chemical companies you led.

At a time when history successively recognized the requirement for academic and applied research and technology, you foresaw the need for providing investigators with indispensable fine chemicals, including novel products, to assist them in their endeavors to open new frontiers in science. In this you exhibited great skill and wisdom. I feel that the many outstanding strengths of the Aldrich Chemical Company and its unsurpassed commitment to quality and service could not have been developed and preserved with less sensitive guidance than you patiently provided.

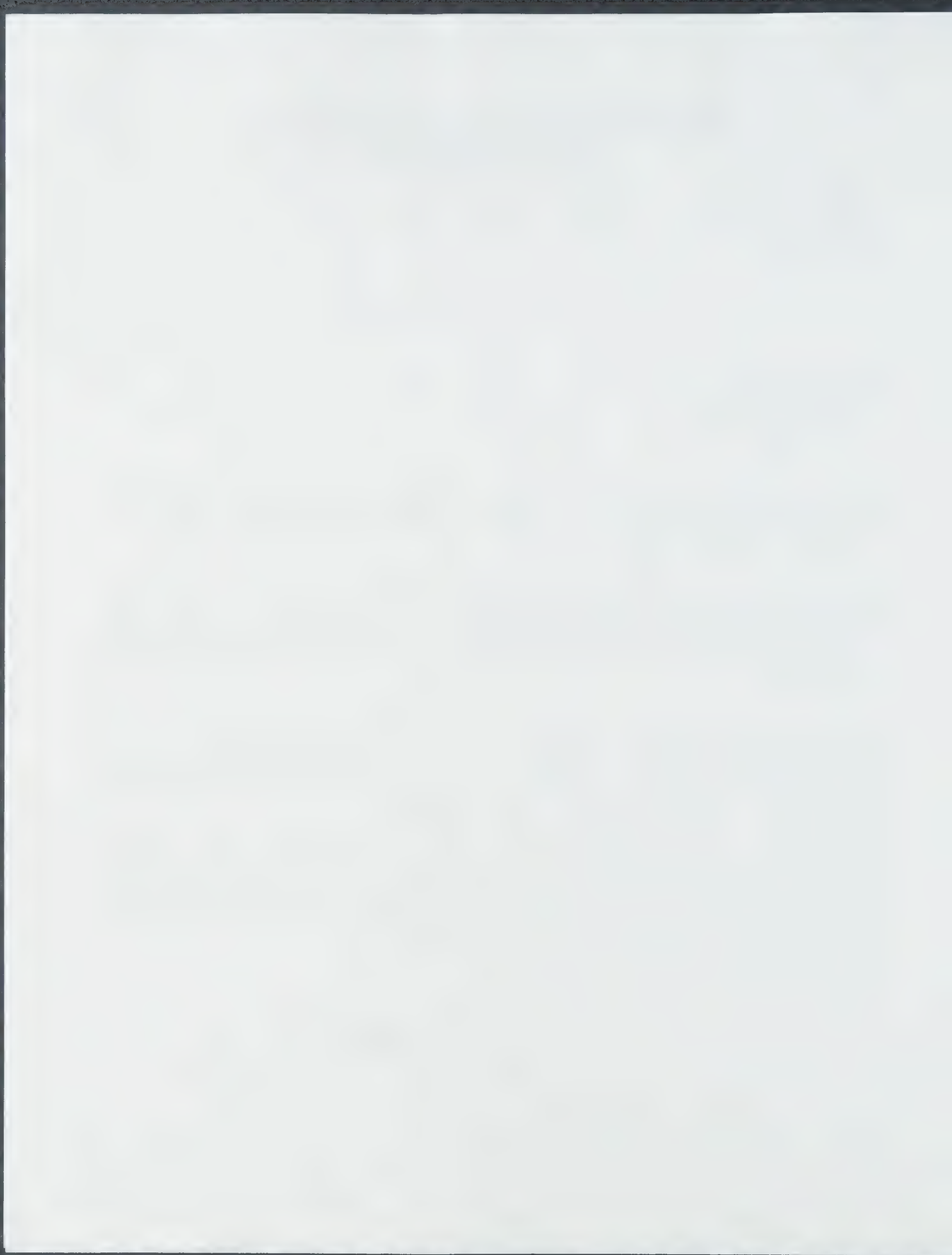
In recalling your many achievements, we who had the privilege of following your interests as chemist-collector and connoisseur of classic Dutch paintings, especially of Biblical subjects by Rembrandt and his students, were delighted to see how you exercised all your cultural, humanistic, and scholarly qualities to achieve what has become a major national and even international treasure. Above all, I assert the satisfaction and joy that must be so deservedly the feelings of your family and yourself as the many outstanding public services you rendered become more fully recognized.

With best wishes for a happy new year and kindest personal regards,



Y. Pocker

YP:lmr



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

February 22, 1994

Dr. William L. Wells
Kentucky Lake Section-A.C.S.
P.O. Box 407
Mayfield, Kentucky 42066

Dear Dr. Wells:

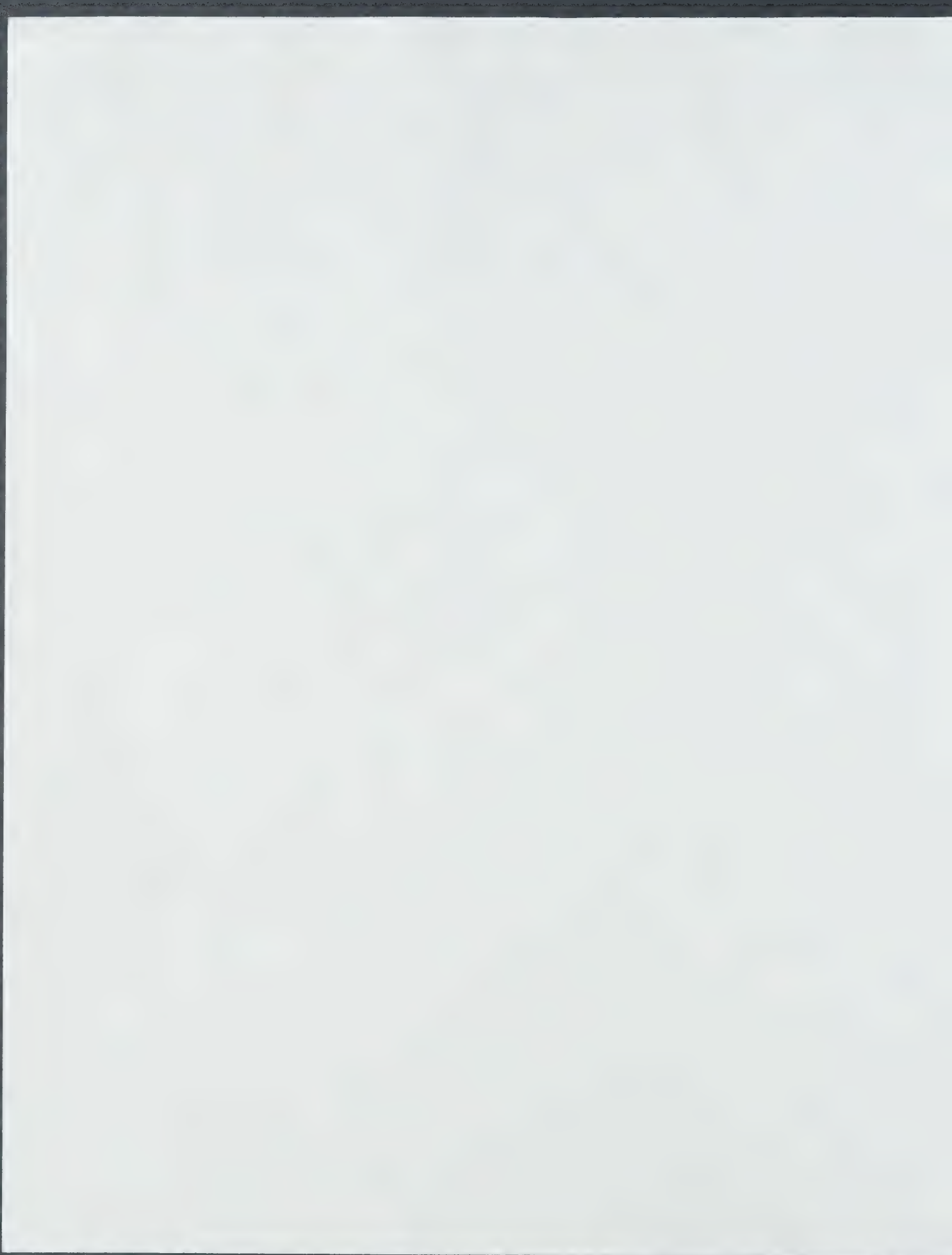
Thank you so much for your telephone call about my trip to Tennessee in April.

Enclosed please find copies of letters and faxes dating back to May of 1993, in which I explained to the A.C.S. Speakers Section that we could not undertake six talks with the very long drives, and I suggested in all my letters and faxes that we would like to leave out Murray, which is quite out of the way. I do hope that you will understand.

All good wishes.

Sincerely,

Enclosures
c: Ms. Barbara Libengood



42
Dr. Alfred Bader
2961 North Shepard Avenue
Milwaukee, Wisconsin 53211

February 8, 1993

Dr. Thoru Pederson
President and Scientific Director
Worcester Foundation for Experimental Biology
222 Maple Avenue
Shrewsbury, Massachusetts 01545

Dear Dr. Pederson:

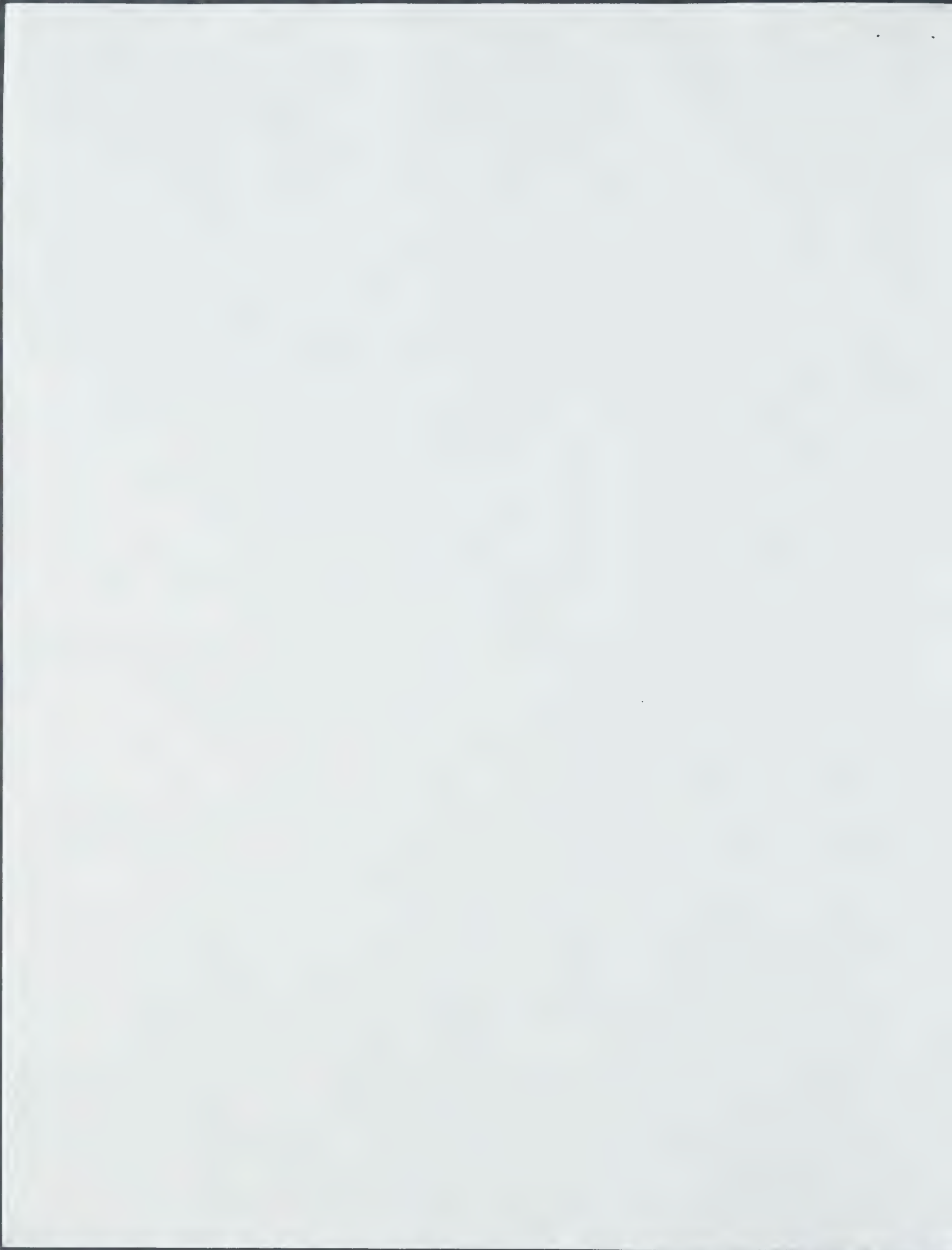
I am truly honored by your kind invitation to speak at your Annual Meeting in October. I would very much like to accept; however, I note that your final date has not yet been set and might be October 1st or the 8th. Actually, my calendar is much freer from October 10th to the 30th, and I am wondering whether any day during that three-week period might also be possible. If not, I will try to rearrange my travel schedule to be able to be with you on October 1st.

I would very much like to speak on the work of a truly brilliant chemist and physicist, the Viennese Josef Loschmidt, and I enclose an abstract of my talk.

I much look forward to hearing from you.

Sincerely,

Enclosure





WORCESTER FOUNDATION FOR EXPERIMENTAL BIOLOGY

222 Maple Avenue, Shrewsbury, Massachusetts 01545 Telephone: 508-842-8921 FAX: 508-842-7762

An Independent Research Institute in the Medical and Life Sciences

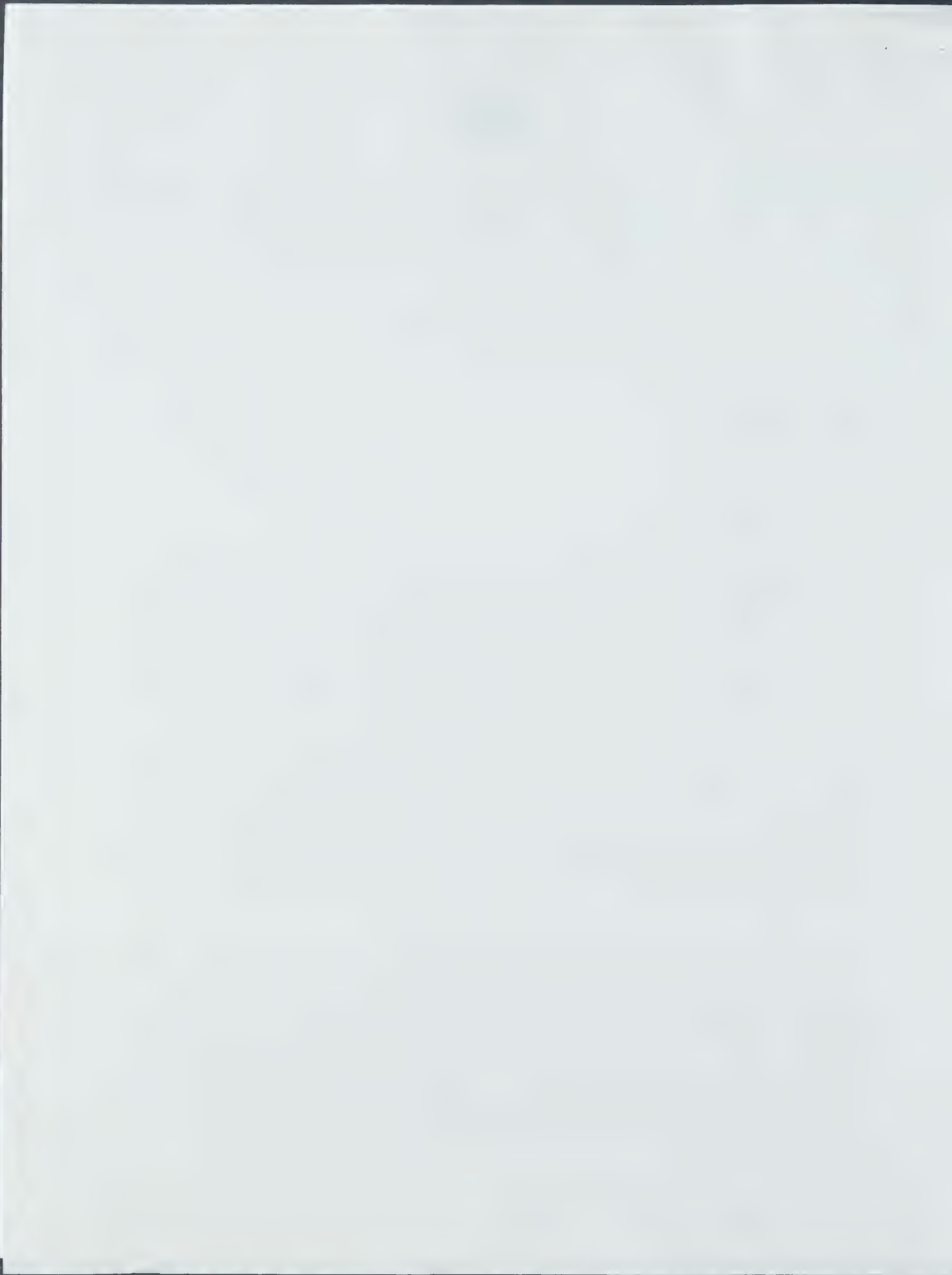
January 20, 1993

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

Dear Dr. Bader:

From time to time the Board of Trustees of the Worcester Foundation invites individuals to speak at our annual meetings. The objective is to obtain fresh perspectives and, as well, to be stimulated by life experiences of leaders in closely allied fields. Thus, recent speakers have included Theodore Cooper, Chairman and CEO of Upjohn, who spoke on the value America places (or fails to place) on curiosity-driven, basic research, and Martin Pollak, President of the National Patent Development Corporation, who reviewed for us his fascinating business experiences over the past 25 years with polymer physical chemistry innovators in Czechoslovakia, which led to a revolutionized contact lens industry. And at our upcoming winter meeting, the Nobel Prize winning surgeon Joseph Murray will share with us his career story as a pioneer of human organ transplantation. In other words, these invited guests provide us with a refreshing change of pace, in counterpoint to our standard trustee meeting agenda. There is nothing formal or onerous involved; basically we are just keen to meet and hear from interesting people.

I suspect you know something, perhaps much, about this institute. In the 1950's and 1960's it was a mecca of steroid synthetic chemistry and reproductive endocrinology, led by Gregory Pincus and able colleagues like Ralph Dorfman and M.C. Chang (the latter the father of in vitro fertilization). From Pincus and Chang's work toward the first oral contraceptive, the Worcester Foundation has moved on to focus in the past 25 years on molecular and cell biology - but always with a strong presence of chemistry. You will grasp something of the place from the enclosed Scientific Report - as well as the lay-audience Annual Report.

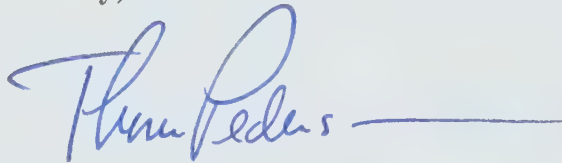


-2-

The next Board of Trustees meeting at which we wish to have an invited speaker is October 1 or 8 (we can offer you a choice - final date not yet set). We hope you can accept this invitation to address us at that time, at a precise hour to be arranged as mutually convenient. We shall of course cover all your costs in connection with this visit plus a \$500 honorarium.

Thank you for your kind consideration of this invitation.

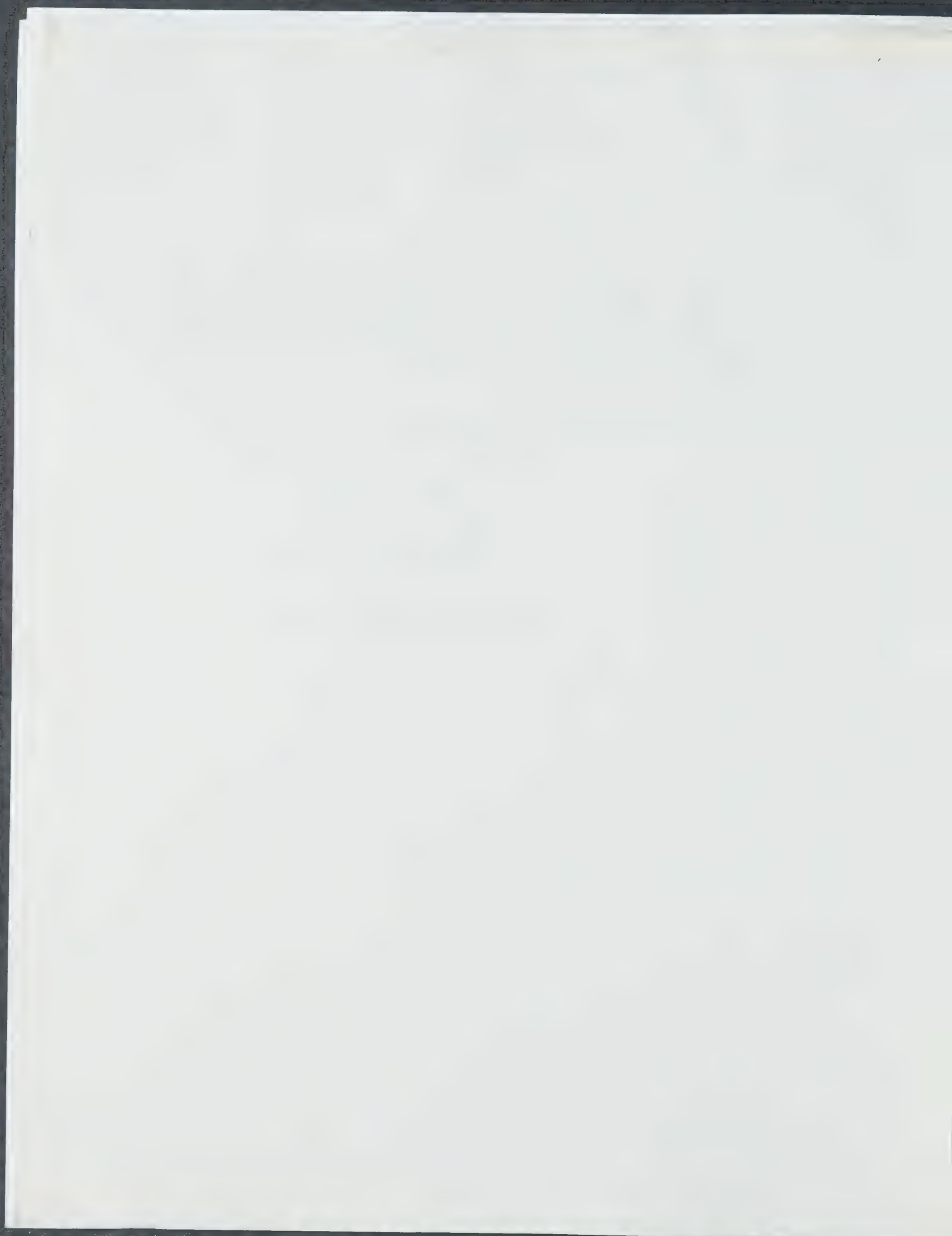
Sincerely,

A handwritten signature in blue ink that reads "Thoru Pederson" followed by a horizontal line.

Thoru Pederson, Ph.D.
President & Scientific Director

TP/se0

Encls.





WORCESTER FOUNDATION FOR EXPERIMENTAL BIOLOGY

Shrewsbury, Massachusetts 01545 Telephone: 508-842-8921 FAX: 508-842-7187
An Independent Research Institute in the Medical and Life Sciences

BOARD OF TRUSTEES

OFFICERS

Michael P. Angelini
Chairman
John M. Nelson
Vice Chairman
Christopher W. Bramley
Treasurer
James H. Harrington
Secretary

October 29, 1993

TRUSTEES

Helen H. Beekman
Joan T. Bok
Harold N. Cotton
Diane Dalton
Janet B. Daniels
James D. Ebert, Ph.D.
Warner S. Fletcher
M. Judah Folkman, MD
Barbara Greenberg
Prentiss C. Higgins
M Howard Jacobson
Rayna Keenan
Joseph C. McNay
Donald R. Melville
Joseph E. Murray, MD*
Guy W. Nichols
Thoru Pederson, Ph.D.
Sally D. Pettit
Michael D. Pincus
Martin M. Pollak
Penelope B. Rockwell
Robert Schultz
Charles E. Soule
Alison Taunton-Rigby, Ph.D.
Grant F. Winthrop

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

Dear Dr. Bader:

Enclosed please find a check in the amount of \$198.00 as reimbursement for your travel expenses connected with your talk here on October 14.

Again, it was a pleasure to meet you. Many thanks for your efforts on our behalf.

Sincerely,

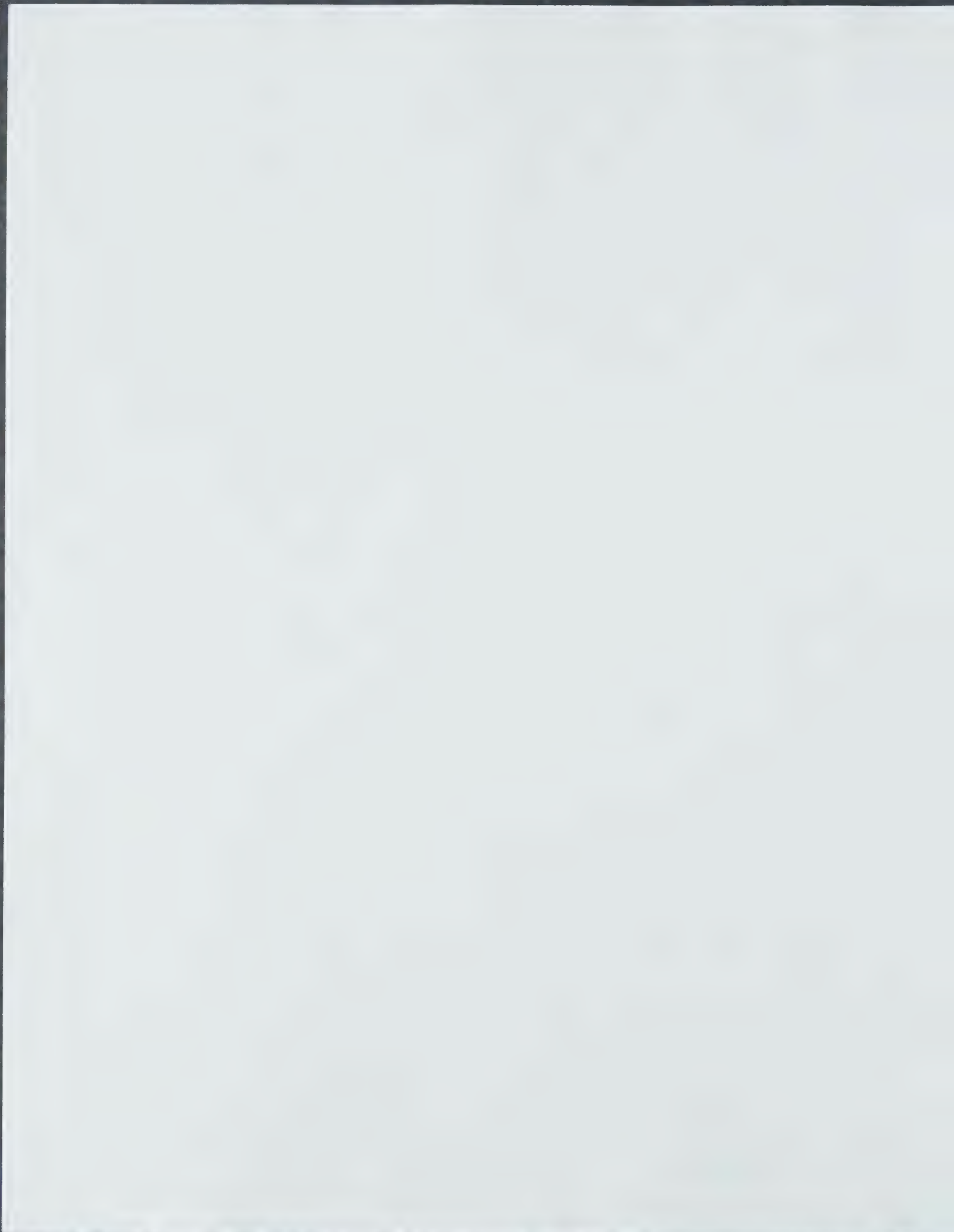
Patricia Kelleher Martin
Public Relations Officer

PKM:lmk
Enclosure

HONORARY TRUSTEES

Robert A. Bernhard
Nancy L.R. Bucher, MD
H. Paul Buckingham
Jane D. Claffin
Robert Cushman
George R. Dunlop, MD
Jacob Hiatt
Mahlon Hoagland, MD
Thomas R. Mountain

* Nobel Prize, 1990





WORCESTER FOUNDATION FOR EXPERIMENTAL BIOLOGY

Shrewsbury, Massachusetts 01545 Telephone: 508-842-8921 FAX: 508-842-7187
An Independent Research Institute in the Medical and Life Sciences

BOARD OF TRUSTEES

OFFICERS

Michael P. Angelini
Chairman
John M. Nelson
Vice Chairman
Christopher W. Bramley
Treasurer
James H. Harrington
Secretary

October 22, 1993

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

TRUSTEES

Helen H. Beekman
Joan T. Bok
Harold N. Cotton
Diane Dalton
Janet B. Daniels
James D. Ebert, Ph.D.
Warner S. Fletcher
M. Judah Folkman, MD
Barbara Greenberg
M Howard Jacobson
Rayna Keenan
Joseph C. McNay
Donald R. Melville
Joseph E. Murray, MD *
John M. Nelson
Guy W. Nichols
Thoru Pederson, Ph.D.
Sally D. Pettit
Michael D. Pincus
Martin M. Pollak
Penelope B. Rockwell
Robert Schultz
Charles E. Soule
Alison Taunton-Rigby, Ph.D.
Grant F. Winthrop

Dear Alfred and Isabel:

It was a great pleasure to meet you here last week. All the feedback I have received about your talk, Alfred, has been so positive -- particularly from the non-scientists present. You are a most engaging speaker.

During our conversation Friday morning, you mentioned that your son is in charge of a philanthropic foundation. We would very much hope that a gift or grant to the Worcester Foundation could be considered and I would appreciate an opportunity to meet your son, at his convenience. I will be in Chicago in mid-January and could easily come to Milwaukee to meet.

Again, my thanks for a wonderful talk and visit. With all best wishes,

Sincerely,

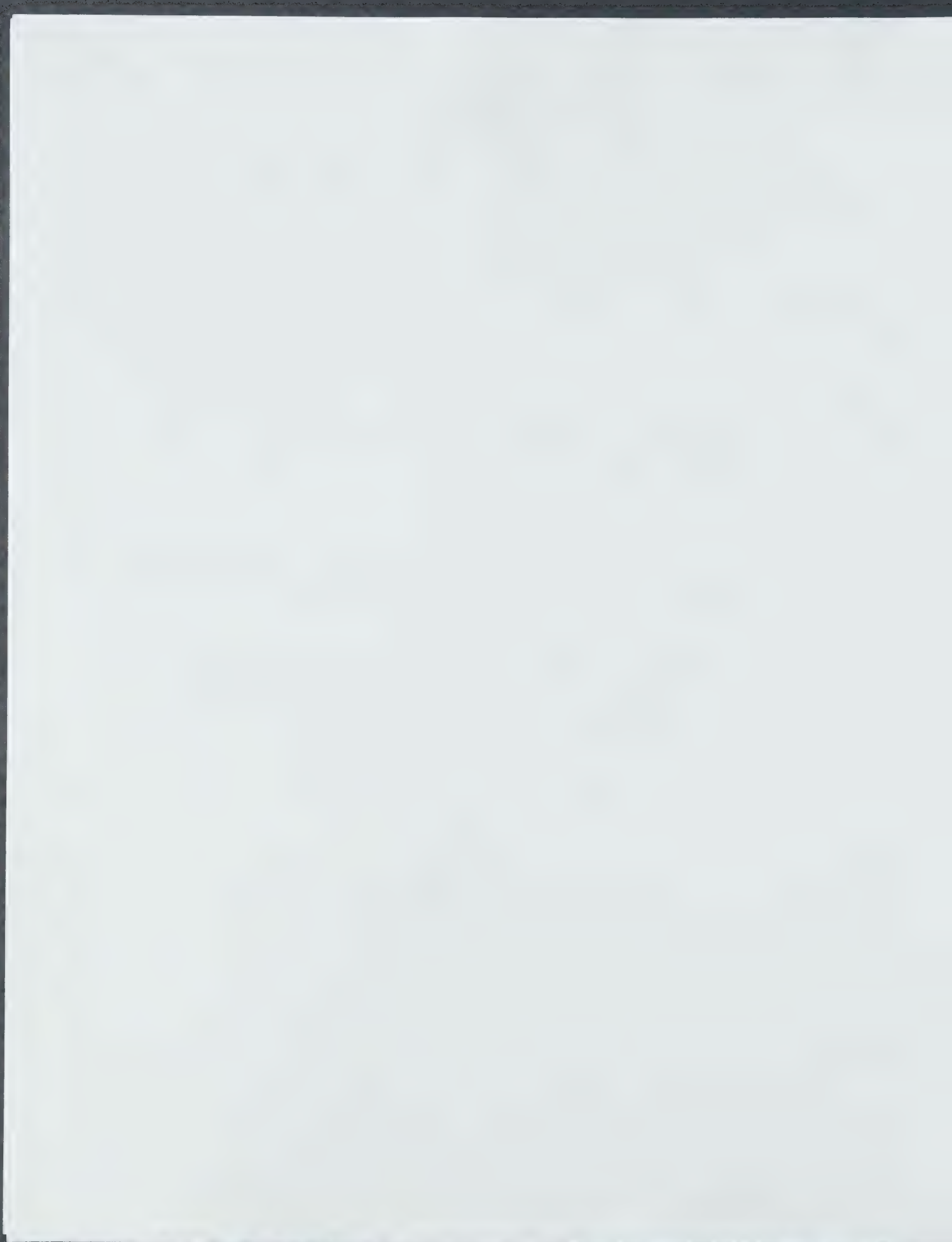
Thoru Pederson, Ph.D.
President and Scientific Director

TP:lmk

HONORARY TRUSTEES

Robert A. Bernhard
Nancy L.R. Bucher, MD
H. Paul Buckingham
Jane D. Claffin
Robert Cushman
George R. Dunlop, MD
Jacob Hiatt
Mahlon Hoagland, MD
Thomas R. Mountain

* Nobel Prize, 1990



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

October 19, 1993

Ms. Patricia Kelleher Martin
Public Relations Officer
Worcester Foundation for
Experimental Biology
Shrewsbury, Massachusetts 01545

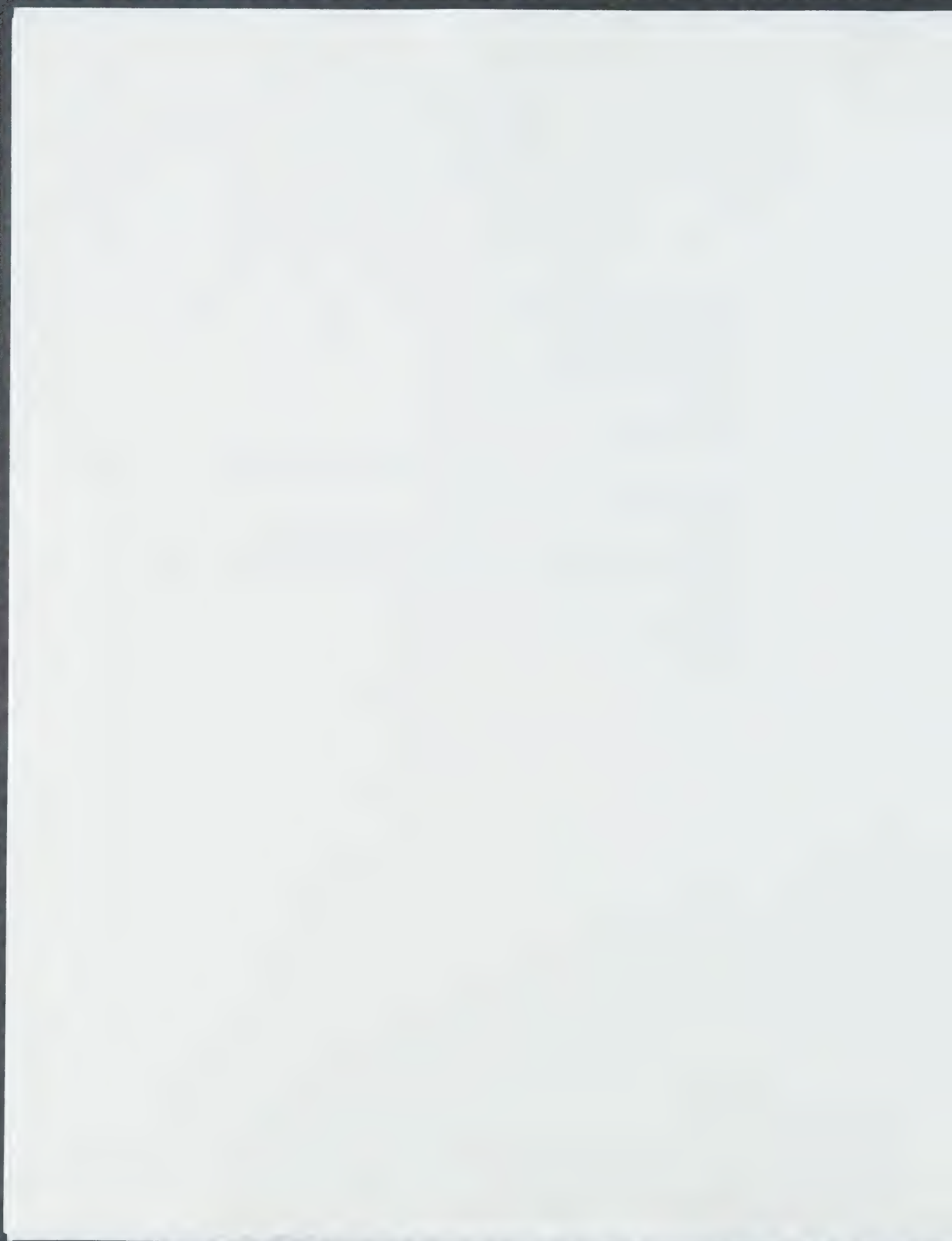
Dear Ms. Martin:

You must have realized how very much Isabel and I enjoyed our stay with you, made so pleasant because of your great care.

We came to Worcester by a rather circuitous route, via Newark, but on checking I find that the least expensive flight Milwaukee-Boston-Milwaukee is \$198.00, and I would appreciate reimbursement of that sum.

Best wishes to you and your associates.

Sincerely,





WORCESTER FOUNDATION FOR EXPERIMENTAL BIOLOGY

Shrewsbury, Massachusetts 01545 Telephone: 508-842-8921 FAX: 508-842-7187
An Independent Research Institute in the Medical and Life Sciences

BOARD OF TRUSTEES

OFFICERS

Michael P. Angelini
Chairman
John M. Nelson
Vice Chairman
Christopher W. Bramley
Treasurer
James H. Harrington
Secretary

TRUSTEES

Helen H. Beekman
Joan T. Bok
Harold N. Cotton
Diane Dalton
Janet B. Daniels
James D. Ebert, Ph.D.
Warner S. Fletcher
M. Judah Folkman, MD
Barbara Greenberg
M Howard Jacobson
Rayna Keenan
Joseph C. McNay
Donald R. Melville
Joseph E. Murray, MD*
John M. Nelson
Guy W. Nichols
Thoru Pederson, Ph.D.
Sally D. Pettit
Michael D. Pincus
Martin M. Pollak
Penelope B. Rockwell
Robert Schultz
Charles E. Soule
Alison Taunton-Rigby, Ph.D.
Grant F. Winthrop

HONORARY TRUSTEES

Robert A. Bernhard
Nancy L.R. Bucher, MD
H. Paul Buckingham
Jane D. Clafin
Robert Cushman
George R. Dunlop, MD
Jacob Hiatt
Mahlon Hoagland, MD
Thomas R. Mountain
Charles W. Shilling, MD

October 15, 1993

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

Dear Dr. Bader:

It was so nice to finally meet you after all our correspondence back and forth. Our guests seemed to really have enjoyed your talk last night and it was quite a lively evening!

As you requested, enclosed please find a copy of the letter we sent to those invited to your talk. It's interesting that you collect these.

Thank you so much for your good talk and generosity in making time for the Worcester Foundation and meanwhile having to miss some of the meetings of your art historians group.

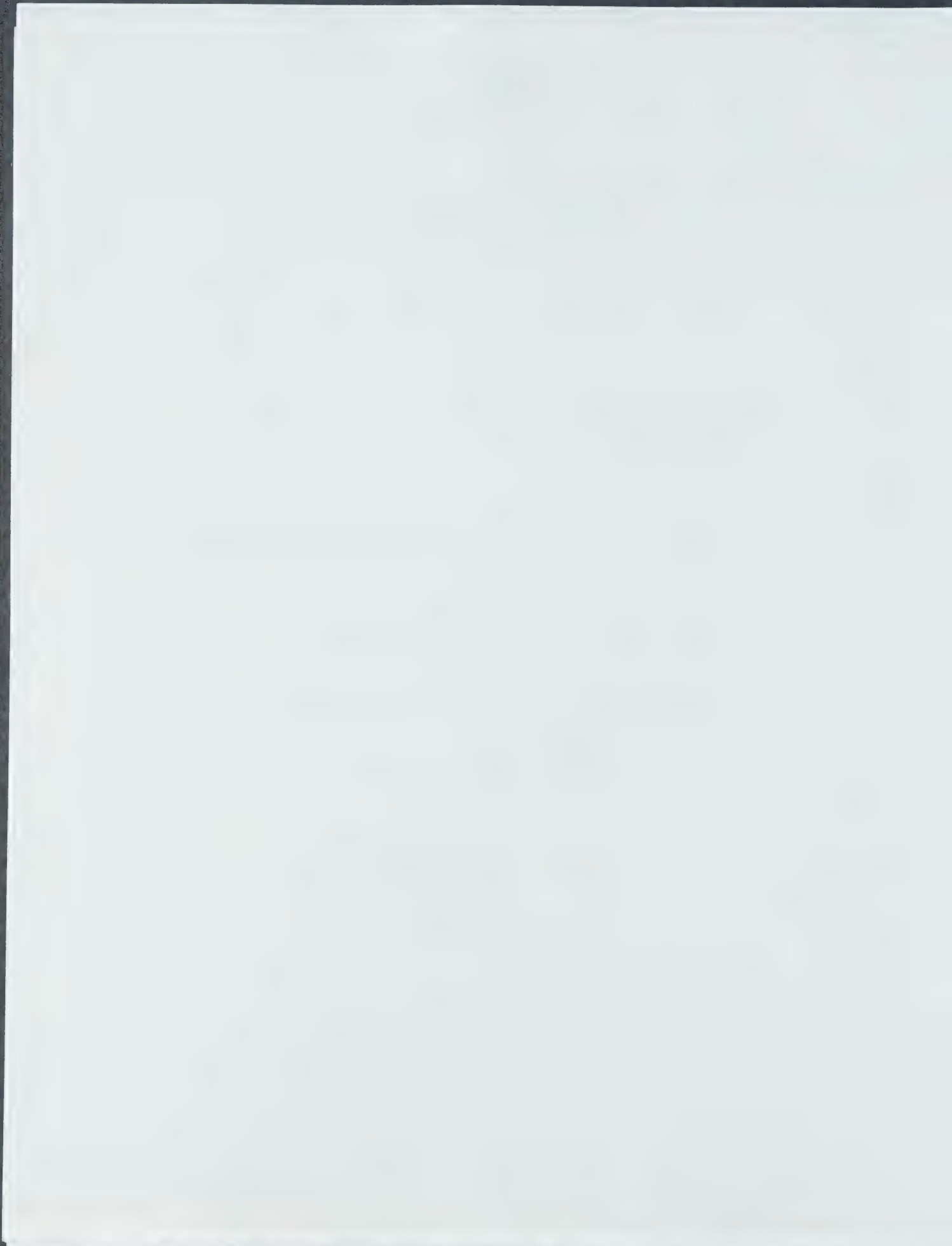
Enjoy the Judith Leyster exhibit this weekend!

Sincerely,

Patricia Kelleher Martin
Public Relations Officer

PKM:lmk
Enclosure

* Nobel Prize, 1990



NEWS



WORCESTER FOUNDATION FOR EXPERIMENTAL BIOLOGY

222 Maple Avenue Shrewsbury, Massachusetts 01545 (508) 842-8921

JOSEF LOSCHMIDT - The Father of Molecular Modelling

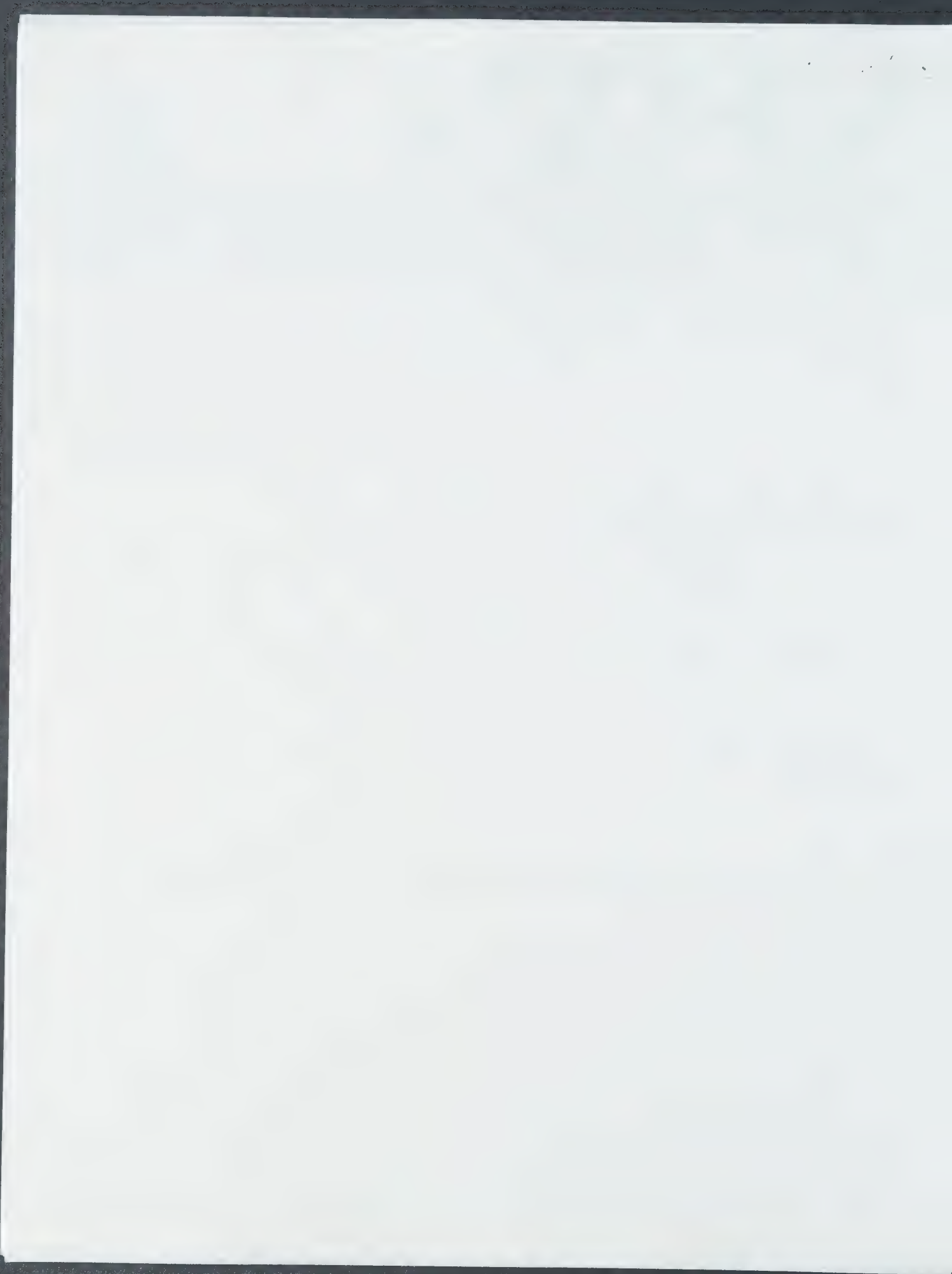
PRESS ADVISORY

CONTACT: Patricia Martin
508/842-8921, Ext. 289

FOUNDER OF SIGMA-ALDRICH TO SPEAK AT WORCESTER FOUNDATION

SHREWSBURY, Massachusetts, October 1, 1993 ---- Dr. Alfred Bader, founder of Sigma-Aldrich, one of the world's leading biochemical companies, will address Worcester Foundation for Experimental Biology trustees and invited guests on the evening of Thursday, October 14. Dr. Bader will speak at 6:00 p.m. in the auditorium of the Hoagland-Pincus Center on the Foundation's campus at 222 Maple Avenue, Shrewsbury. His talk will precede the fall meeting of the Worcester Foundation's board of trustees.

The press is invited to attend Dr. Bader's talk. Please call Pat Martin at 508/842-8921, Ext. 289 to reserve space.





WORCESTER FOUNDATION FOR EXPERIMENTAL BIOLOGY

Shrewsbury, Massachusetts 01545 Telephone: 508-842-8921 FAX: 508-842-7187
An Independent Research Institute in the Medical and Life Sciences

September 27, 1993

BOARD OF TRUSTEES

OFFICERS

Prentiss C. Higgins
Chairman
Michael P. Angelini
Vice Chairman
Christopher W. Bramley
Treasurer
James H. Harrington
Secretary

Name
Address
City, State Zip

Dear Name:

TRUSTEES

Helen H. Beekman
Joan T. Bok
Harold N. Cotton
Janet B. Daniels
James D. Ebert, Ph.D.
Warner S. Fletcher
M. Judah Folkman, MD
Barbara Greenberg
M Howard Jacobson
Rayna Keenan
Joseph C. McNay
Donald R. Melville
Joseph E. Murray, MD*
John M. Nelson
Guy W. Nichols
Thor Pederson, Ph.D.
Sally D. Pettit
Michael D. Pincus
Martin M. Pollak
Penelope B. Rockwell
Robert Schultz
Charles E. Soule
Grant F. Winthrop

On behalf of the Worcester Foundation's Board of Trustees, it is my great pleasure to invite you to dinner on the evening of Thursday, October 14 in conjunction with the fall meeting of the board. Our special guest of honor will be Dr. Alfred Bader, founder of Sigma-Aldrich, one of the world's leading biochemical companies.

A chemist by profession, a major collector of Dutch master paintings, and an expert on art restoration, Dr. Bader is indeed a renaissance man. We are pleased by his visit to the Foundation and look forward to hearing his fascinating story.

The evening's program will begin with Dr. Bader's talk at 6:00 p.m. in the Anna P. Hoagland Auditorium in the Hoagland-Pincus Center on our campus. Cocktails and dinner will follow in the dining room.

We hope you can be with us that evening to welcome Dr. Bader to the Foundation. The favor of your reply is requested by calling our Public Relations Officer, Patricia Martin, at 508/842-8921, Ext. 289.

HONORARY TRUSTEES

Robert A. Bernhard
Nancy L.R. Bucher, MD
H. Paul Buckingham
Jane D. Clafin
Robert Cushman
George R. Dunlop, MD
Jacob Hiatt
Mahlon Hoagland, MD
Thomas R. Mountain
Charles W. Shilling, MD

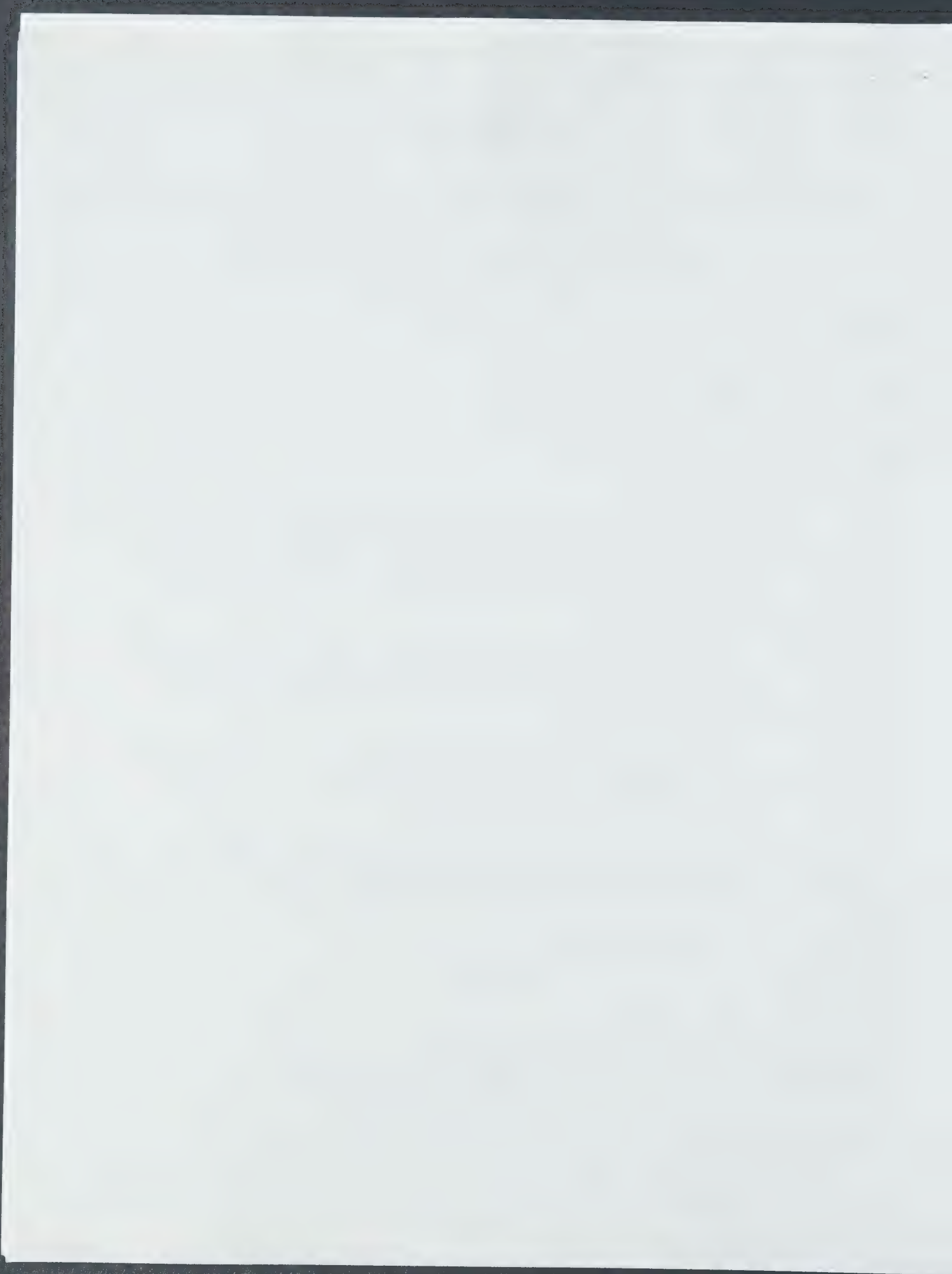
With all best wishes,

Sincerely,

Thor Pederson, Ph.D.
President and Scientific Director

* Nobel Prize, 1990

TP:lmk



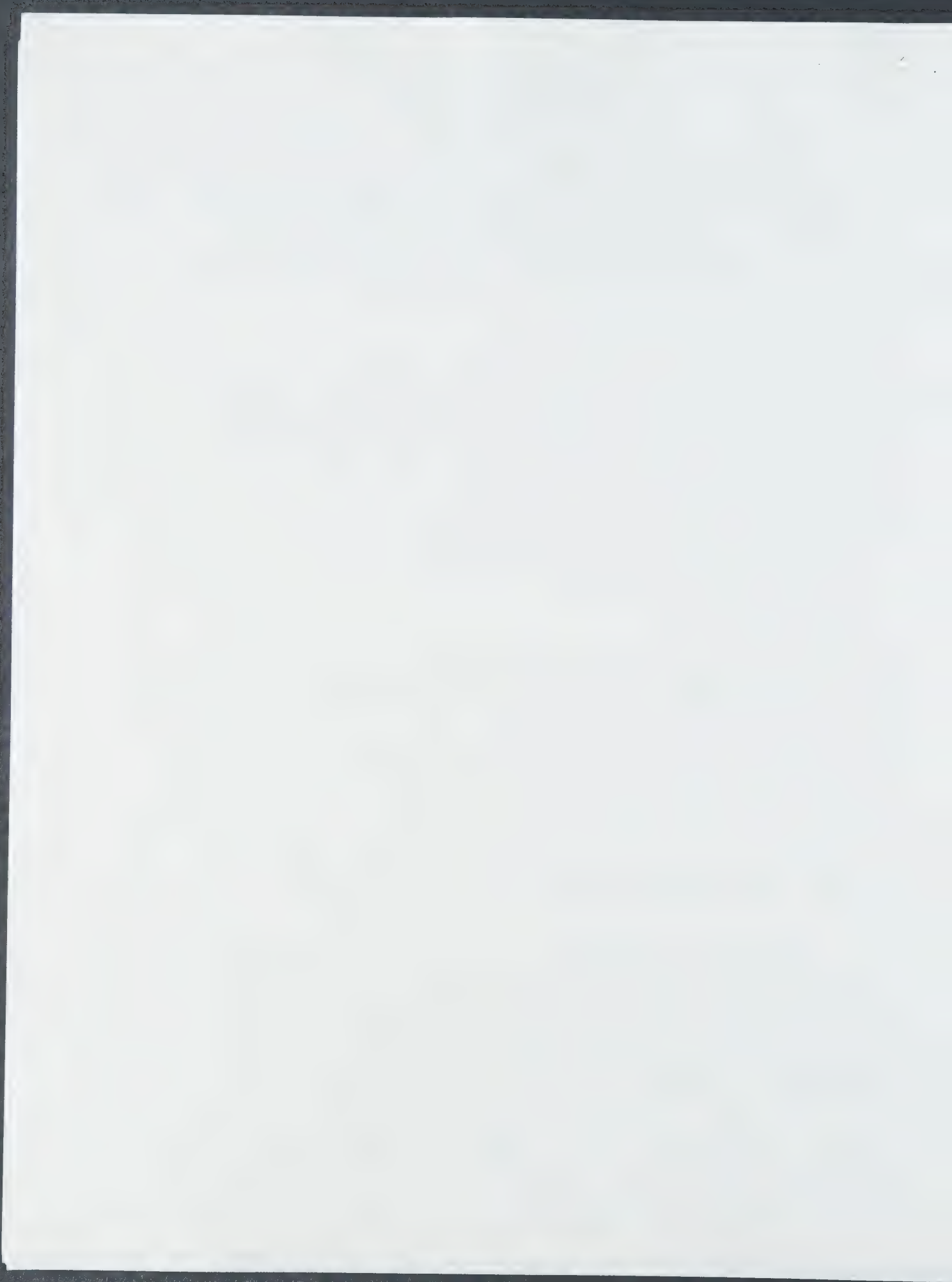
About Dr. Alfred Bader

Alfred Bader was born in Vienna, Austria, in 1924. At age 14 he was shipped off to England to avoid Nazi activities, but in two years became entangled in a different way. Because of fear that Nazi sympathizers might aid the German war effort, the British government imprisoned as enemy aliens all German and Austrian males in the country between the ages of 16 and 60.

As an internee, Bader was shipped in 1940 to Canada, along with several thousand other refugees. His prison camp was an old fortress on an island in Lake Champlain. Following his release in 1941, he entered Queen's University in Kingston, Ontario, where he obtained a B.S. degree in chemical engineering, a B.A. in history, and a love for synthesizing chemicals. During part of this period he also worked as a chemist for Murphy Paint Co., where he was encouraged to pursue a Ph.D. degree, which he did eventually at Harvard University.

Following graduation, he joined the paint division of Pittsburgh Plate Glass (now PPG Industries) in Milwaukee, and tried unsuccessfully to convince the company to let him start a small operation to make and sell research chemicals. Undaunted by PPG's refusal, Bader and an attorney friend decided in 1951 to start a company to sell research chemicals, which they operated part-time out of a garage. To name the fledgling firm, the two partners tossed a coin. The attorney won, and named it after his fiancée, Betty Aldrich.

Bader's love for making organic chemicals led him to establish a company that has become one of the top producers of its kind in the world. And his love for history and art has led to his accumulation of one of the largest private collections of Dutch master paintings, which have become a symbol of Aldrich's publications.



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

August 30, 1993

Ms. Patricia Kelleher Martin
Public Relations Officer
Worcester Foundation for
Experimental Biology
Shrewsbury, Massachusetts 01545

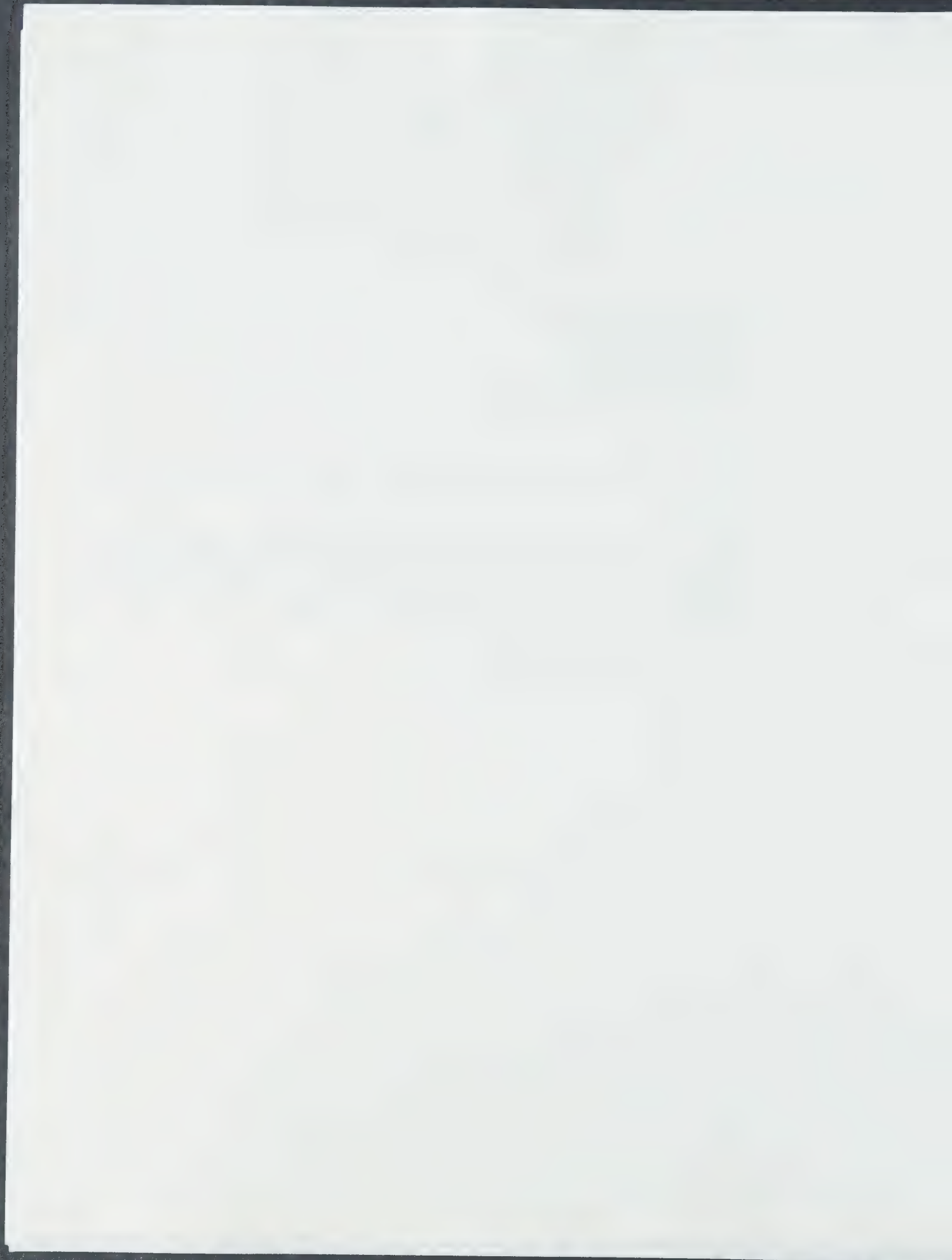
Dear Ms. Martin:

Thank you for your several letters about the Judith Leyster Exhibition in your museum.

In fact, I am a member of the association of Netherlandish Art Historians that is meeting in Worcester, Wellesley and Boston during the week of my visit. We will be leaving Worcester on Friday morning to attend meetings at Wellesley College and then return to view the Judith Leyster Exhibition on Sunday.

Many thanks for your thoughtfulness.

Sincerely,





WORCESTER FOUNDATION FOR EXPERIMENTAL BIOLOGY

Shrewsbury, Massachusetts 01545 Telephone: 508-842-8921 FAX: 508-842-7187

An Independent Research Institute in the Medical and Life Sciences

August 25, 1993

BOARD OF TRUSTEES

OFFICERS

Prentiss C. Higgins
Chairman
Michael P. Angelini
Vice Chairman
Christopher W. Bramley
Treasurer
James H. Harrington
Secretary

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

Dear Dr. Bader:

TRUSTEES

Helen H. Beekman
Joan T. Bok
Harold N. Cotton
Janet B. Daniels
James D. Ebert, Ph.D.
Warner S. Fletcher
M. Judah Folkman, MD
Barbara Greenberg
M Howard Jacobson
Rayna Keenan
Joseph C. McNay
Donald R. Melville
Joseph E. Murray, MD*
John M. Nelson
Guy W. Nichols
Thoru Pederson, Ph.D.
Sally D. Pettit
Michael D. Pincus
Martin M. Pollak
Penelope B. Rockwell
Robert Schultz
Charles E. Soule
Grant F. Winthrop

I am writing to call your attention to an upcoming exhibit at the Worcester Art Museum (WAM) which you may (or may not) have interest in. "Judith Leyster: A Dutch Master and Her World," on view now in the Netherlands, will be at the WAM September 19 through December 5. As I have read of your interest in and collection of Dutch master paintings, I wondered if you might want to re-arrange your visit here in October to include a visit to this exhibit -- perhaps arrive a day early, or earlier in the day on October 14 to allow time to see Leyster's work? The WAM is only a ten-minute drive from the Worcester Foundation, and we would be glad to make arrangements to take you there if you wish.

Enclosed is a newsclip from yesterday's *Worcester Telegram and Gazette* discussing the exhibit, for your information.

You can let me know if you would like to do this, by calling me at 508/842-8921, Ext. 289. If I do not hear from you, I will assume you would rather not attend the Leyster exhibit, and we'll leave the plans for your visit here as they are.

I am also enclosing an article on Kekulé from this week's *Chemical and Engineering News* which Dr. Pederson gave me. He said, "I know Dr. Bader reads C&EN regularly but want to send this just in case he missed it."

Sincerely,

Patricia K. Martin

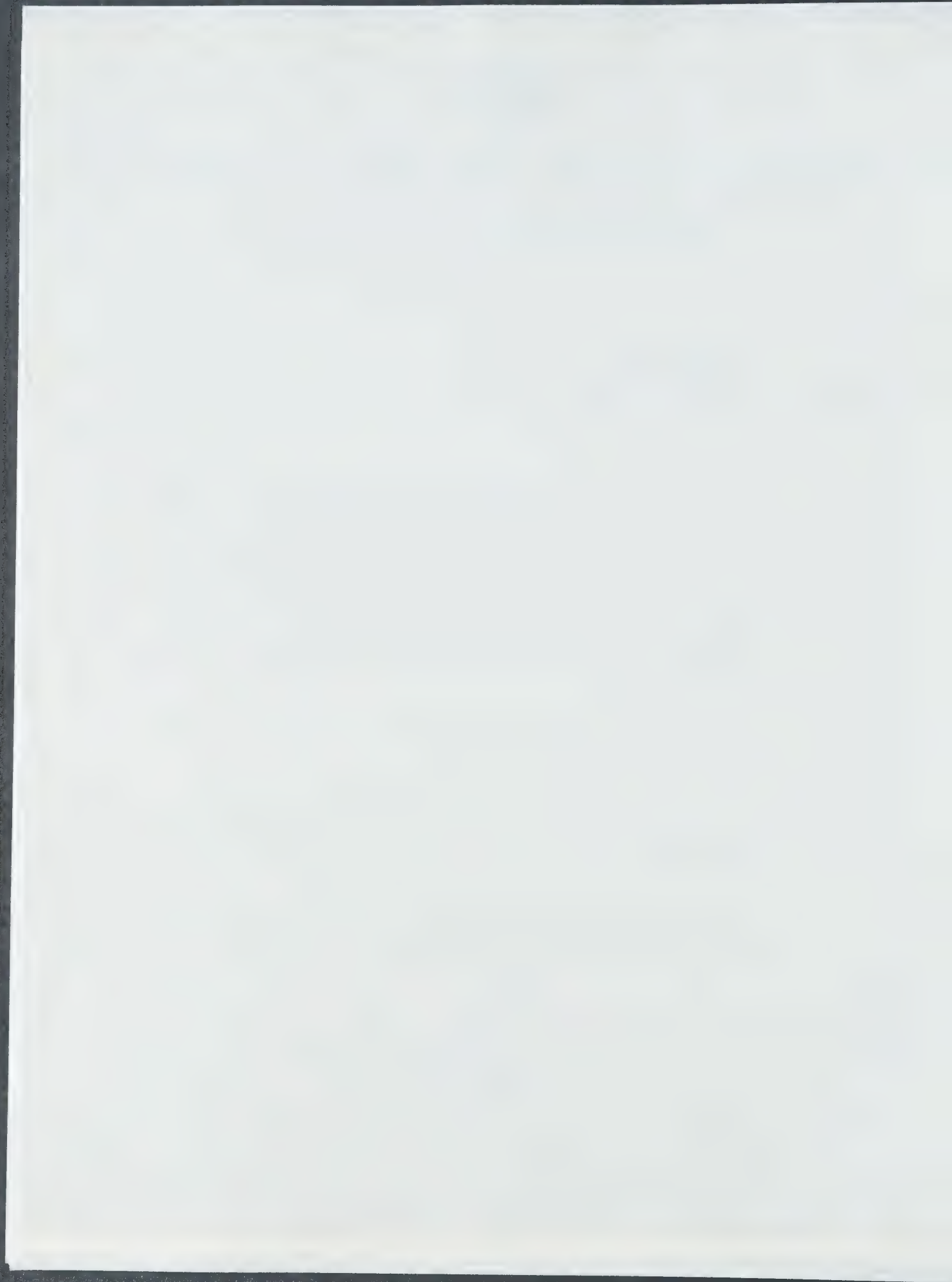
Patricia Kelleher Martin
Public Relations Officer

HONORARY TRUSTEES

Robert A. Bernhard
Nancy L.R. Bucher, MD
H. Paul Buckingham
Jane D. Clafin
Robert Cushman
George R. Dunlop, MD
Jacob Hiatt
Mahlon Hoagland, MD
Thomas R. Mountain
Charles W. Shilling, MD

* Nobel Prize, 1990

PKM:lmk
Enclosures



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

August 12, 1993

Via Fax 508 842 7187

Ms. Patricia Kelleher Martin
Public Relations Officer
Worcester Foundation for Experimental Biology
Shrewsbury, Massachusetts 01545

Dear Ms. Martin:

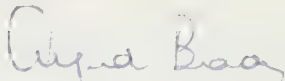
Re: Lecture on October 14, 1993

On Friday, October 15th, there is a meeting of art historians interested in Dutch paintings at Wellesley College. Is there some way whereby we could get from Worcester to Wellesley College, or do we have to go from Worcester into Boston and then come back in the same direction to Wellesley?

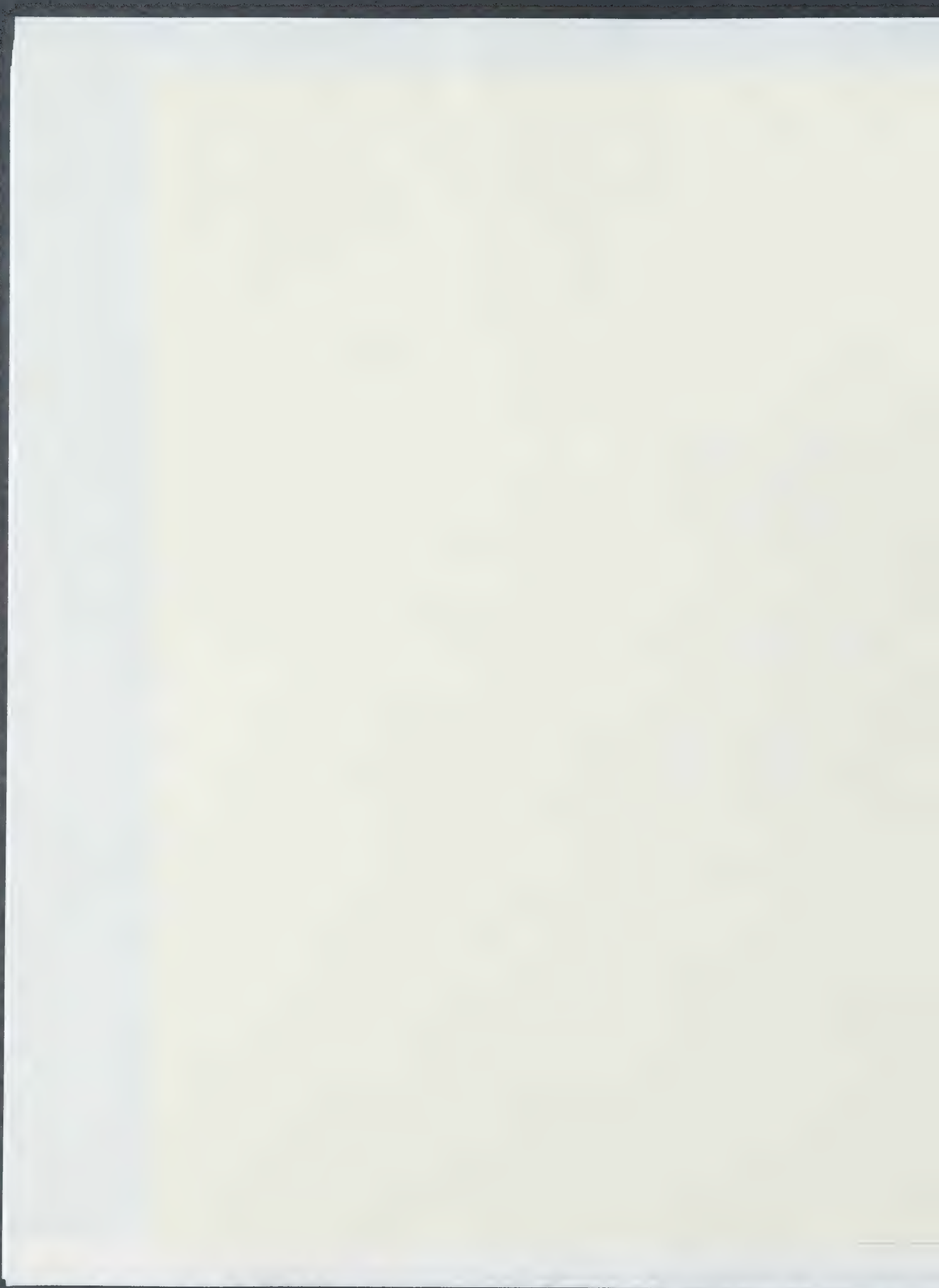
Alternately, if it isn't important that Isabel and I attend the trustees meeting at 8:30 on Friday morning, we could take a very late bus to Boston on Thursday evening. The art historians are all staying at the Boston Park Plaza Hotel, and at 8:00 a.m. on Friday morning there will be a bus from the hotel to Wellesley College. But, it is not important that we be at Wellesley College early on Friday morning, and if we could get there by mid-morning, that would be fine.

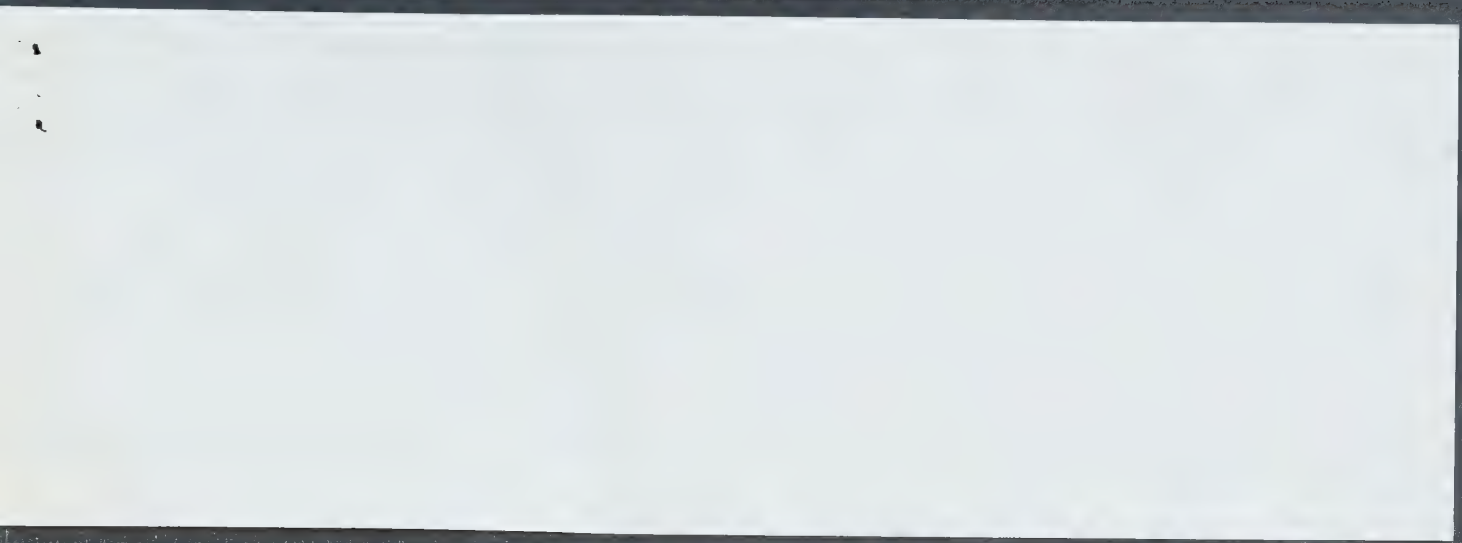
I look forward to hearing from you.

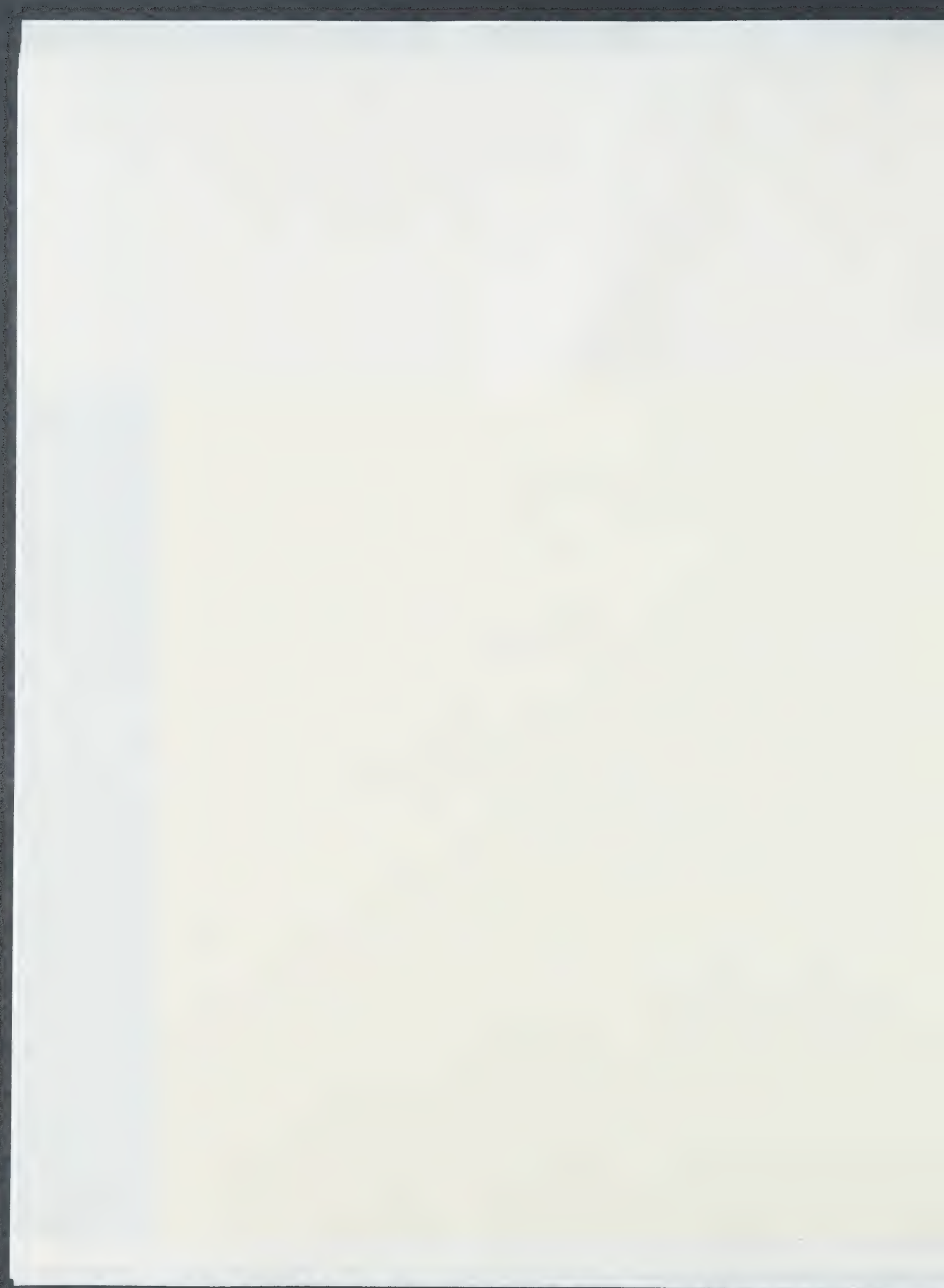
Best regards,



Office Fax 414 277 0709
Home Fax 414 962 8322





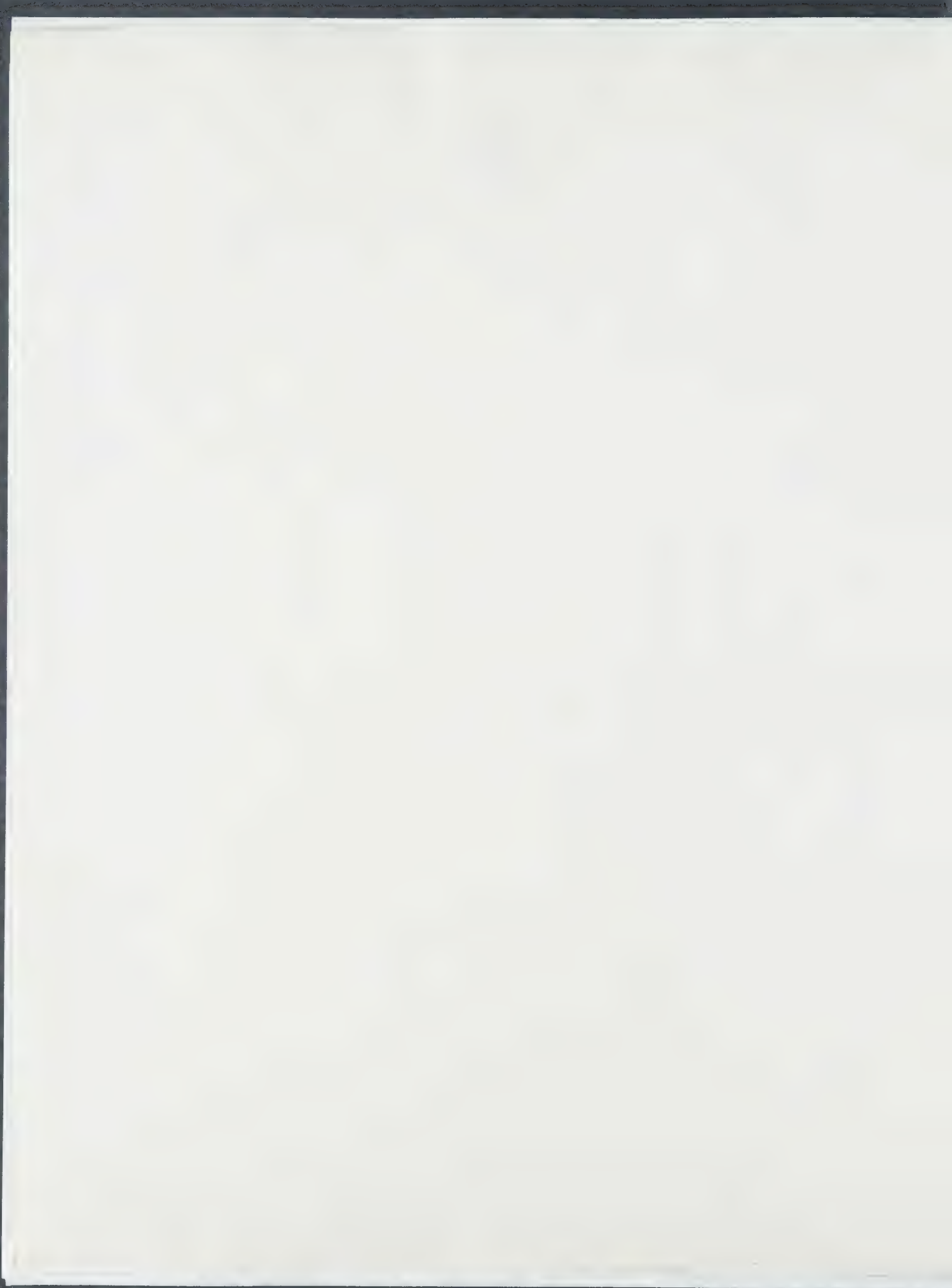




Faint, illegible text or markings on the left side of the page.

A small, faint mark or character in the middle-left area.

A small, faint mark or character at the bottom left of the page.



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

August 11, 1993

Ms. Patricia Kelleher Martin
Public Relations Officer
Worcester Foundation for
Experimental Biology
Shrewsbury, Massachusetts 01545

Dear Ms. Martin:

Thank you for your letter of July 21st regarding my lecture on Josef Loschmidt--the Father of Molecular Modelling in October.

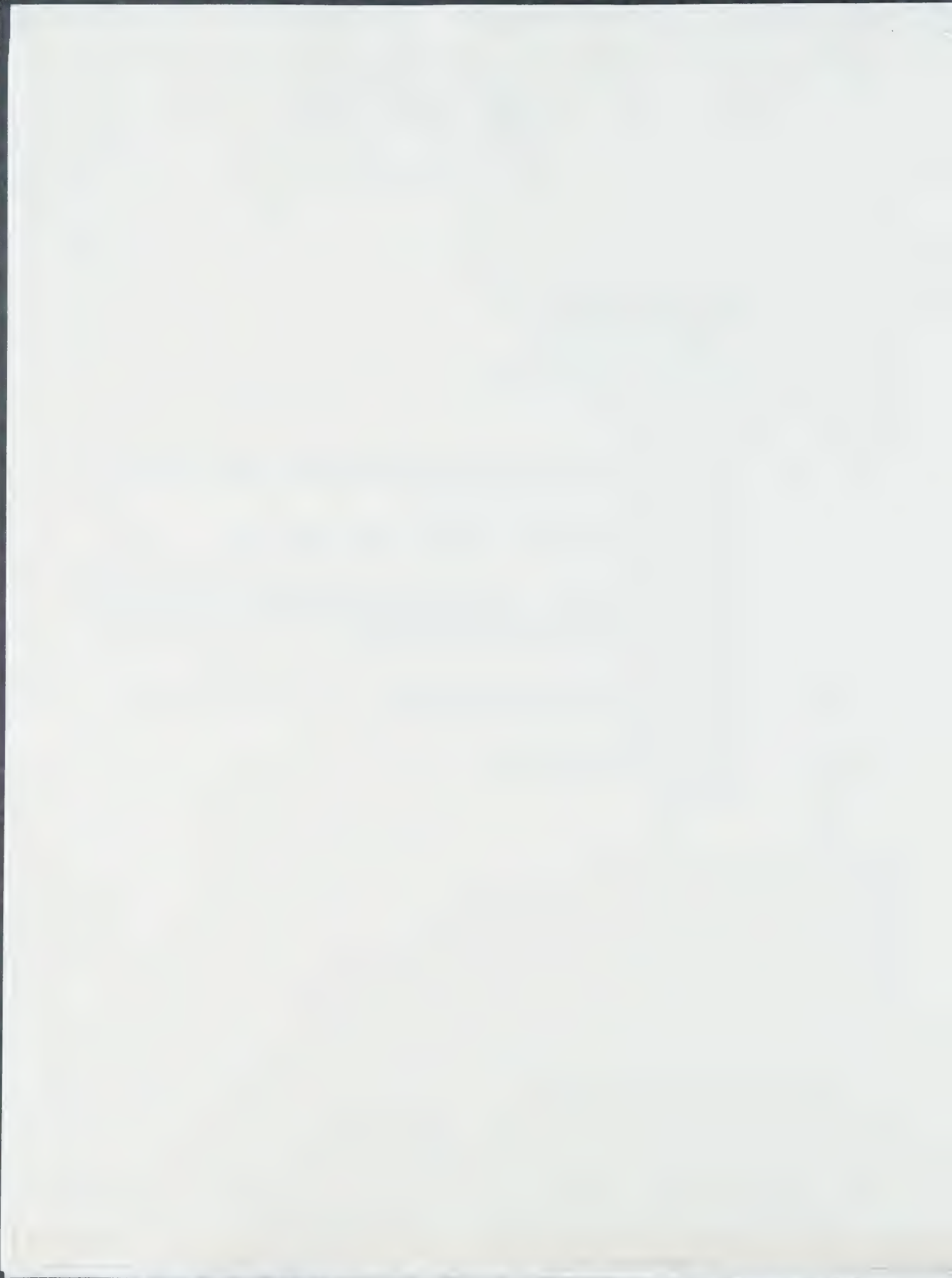
Moving the talk to 6:00 p.m. on Thursday, October 14th, is fine.

Isabel and I plan to arrive by train at 4:10 p.m., and I would like to ask you to make a motel reservation for us. May I ask you also to invite Isabel to the talk and the dinner. She will help me with the slides, and I will require two projectors and two screens so that we can two slides simultaneously.

We will be happy to attend the opening portion of the trustees' meeting at 8:30 a.m. on Friday, and then go on to Boston by bus.

I look forward to being with you.

Sincerely,





Handwritten initials

WORCESTER FOUNDATION FOR EXPERIMENTAL BIOLOGY

Shrewsbury, Massachusetts 01545 Telephone: 508-842-8921 FAX: 508-842-7187
An Independent Research Institute in the Medical and Life Sciences

July 21, 1993

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

Dear Dr. Bader:

I am writing on behalf of Dr. Thoru Pederson to firm up details for your visit and lecture here this fall. I understand that you and Dr. Pederson settled on October 15 in a phone conversation. However, we would like to ask you to speak here at 6:00 p.m. on Thursday, October 14, at the opening session of our Board of Trustees meeting. Your talk would then be followed by dinner with our trustees, invited scientists and friends of the institution.

Dr. Pederson also would like to ask you to attend the opening portion (or all if you can) of the trustees meeting the next morning (8:30 a.m.) as a special guest. This would allow you to get a good perspective on the institution. We can arrange ground transportation to the airport for a mid-day flight back to Milwaukee.

As Dr. Pederson indicated in his initial letter of invitation, we will cover your costs involved in coming to the Worcester Foundation including overnight accommodations, and are pleased to offer a \$500 honorarium.

I will plan to call you next week to discuss this further. I will look forward to speaking with you.

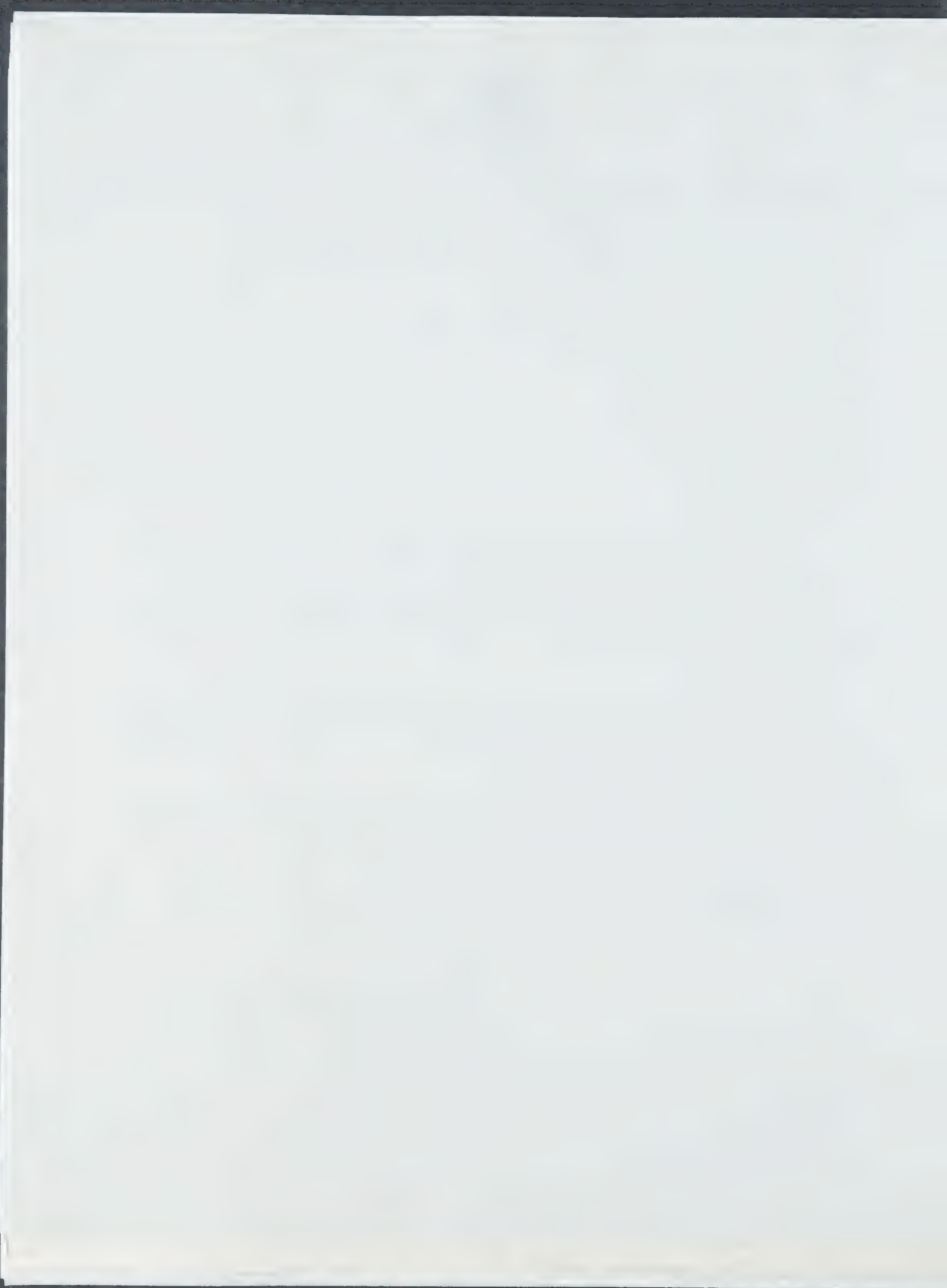
Sincerely,

Patricia K. Martin

Patricia Kelleher Martin
Public Relations Officer

PKM:lmk

cc: Dr. Thoru Pederson



10/15/93
Jig

February 8, 1993

Dr. Thoru Pederson
President and Scientific Director
Worcester Foundation for Experimental Biology
222 Maple Avenue
Shrewsbury, Massachusetts 01545

Dear Dr. Pederson:

I am truly honored by your kind invitation to speak at your Annual Meeting in October. I would very much like to accept; however, I note that your final date has not yet been set and might be October 1st or the 8th. Actually, my calendar is much freer from October 10th to the 30th, and I am wondering whether any day during that three-week period might also be possible. If not, I will try to rearrange my travel schedule to be able to be with you on October 1st.

I would very much like to speak on the work of a truly brilliant chemist and physicist, the Viennese Josef Loschmidt, and I enclose an abstract of my talk.

I much look forward to hearing from you.

Sincerely,

Enclosure

;



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

A Chemist Helping Chemists

March 5, 1996

Professor Steven D. Burke
Department of Chemistry
University of Wisconsin
1101 University Avenue
Madison, WI 53706-1396

Dear Steven:

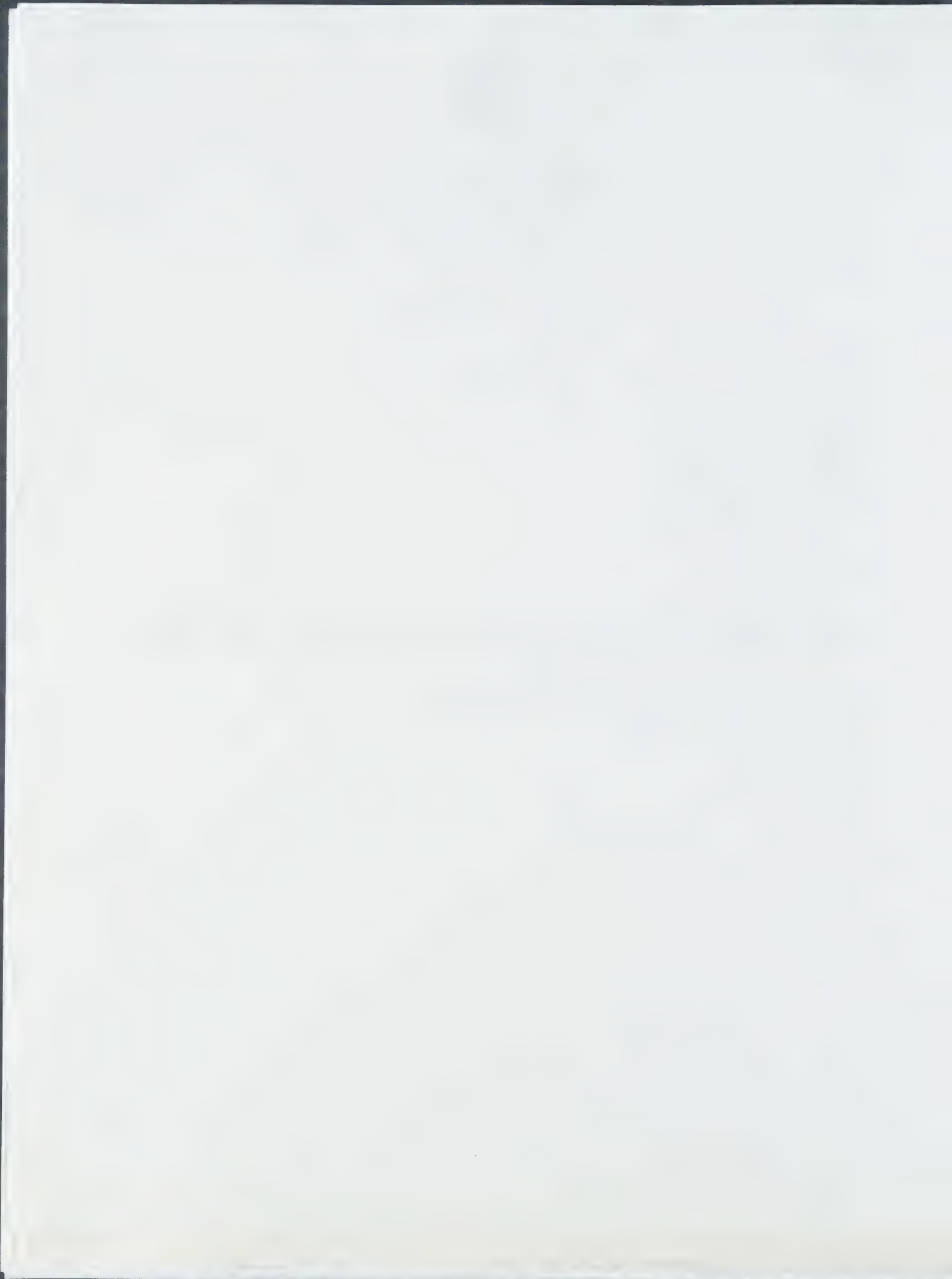
In response to your letter of March 1st, I will be happy to write a letter in support of Gilbert Stork's nomination. I cannot think of a single chemist living in the United States worthier.

Please just drop me a note to whom the letter should be addressed.

With all good wishes, I remain,

Yours sincerely,

AB/cw





Steven D. Burke
Professor of Chemistry

Department of Chemistry
University of Wisconsin
1101 University Avenue
Madison, Wisconsin 53706-1396

FAX : 608-265-4534

Tel : 608-262-4941

March 1, 1996

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

Dear Alfred:

Our department plans to nominate Gilbert Stork for an Honorary Doctorate. Would you be willing to write a letter in support of this nomination? You undoubtedly have many demands on your time, but your letter would add significant weight to our case. There is considerable competition for Honorary Degrees on this campus.

An Honorary Doctorate would give my colleagues and me a chance to acknowledge the honor that Gilbert has brought to the University of Wisconsin through his many years of excellent scholarship, and through the large cohort of outstanding chemists who have been trained under his direction. Honorary Doctorates have recently been conferred on other prominent chemists with Wisconsin ties, including yourself, Carl Djerassi, and Ralph Hirschmann.

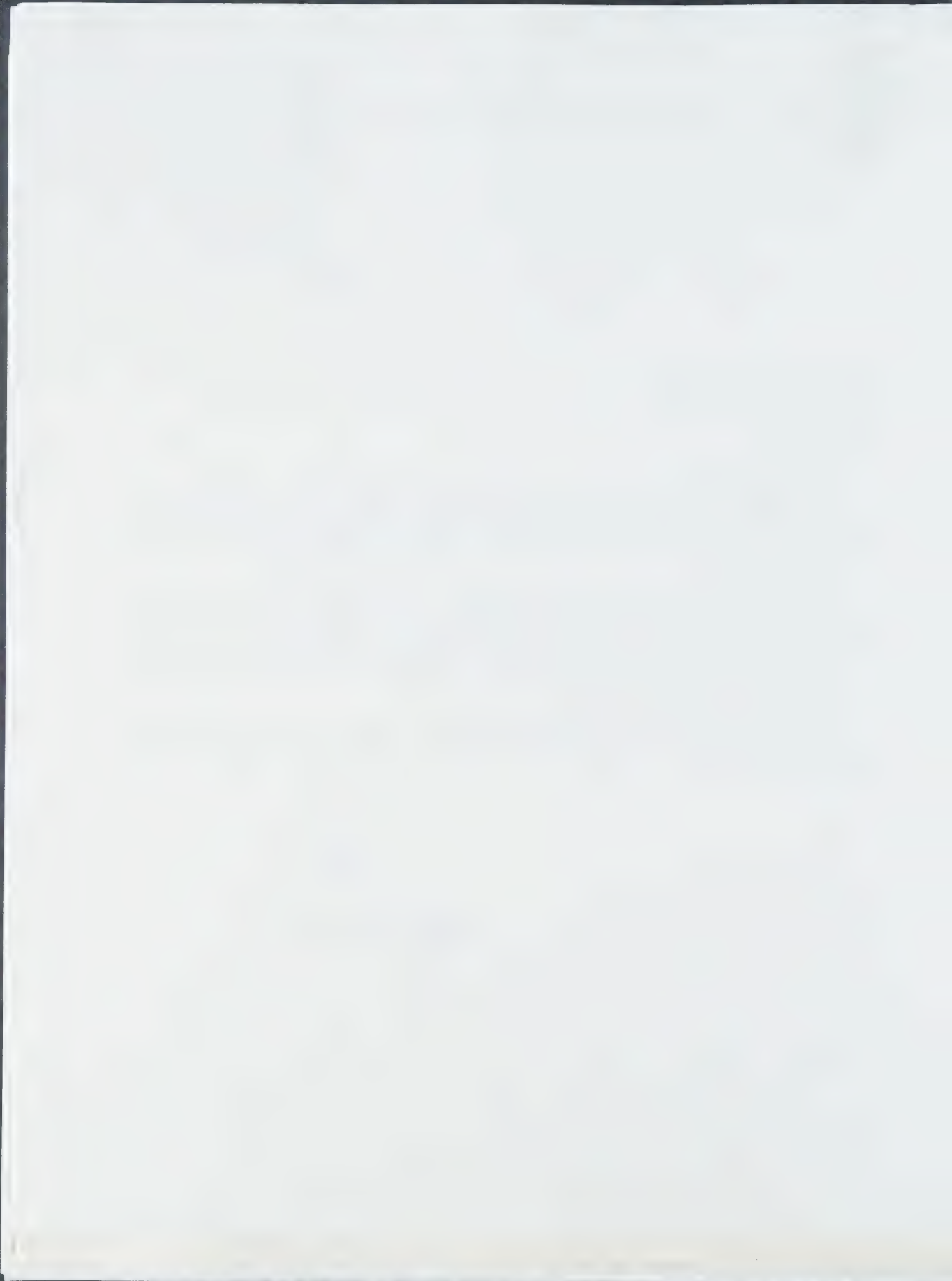
We hope you will be able to assist us in this undertaking, and we very much appreciate your effort. All nomination materials must be in place here by 15 April. Best Wishes.

Sincerely,

A handwritten signature in blue ink that reads "Steve".

Steven D. Burke
Professor of Chemistry

SDB/jgb





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

A Chemist Helping Chemists

March 29, 1996

Ms. Faith B. Miracle
Editor, *Wisconsin Academy Review*
1922 University Avenue
Madison, WI 53705

Dear Ms. Miracle:

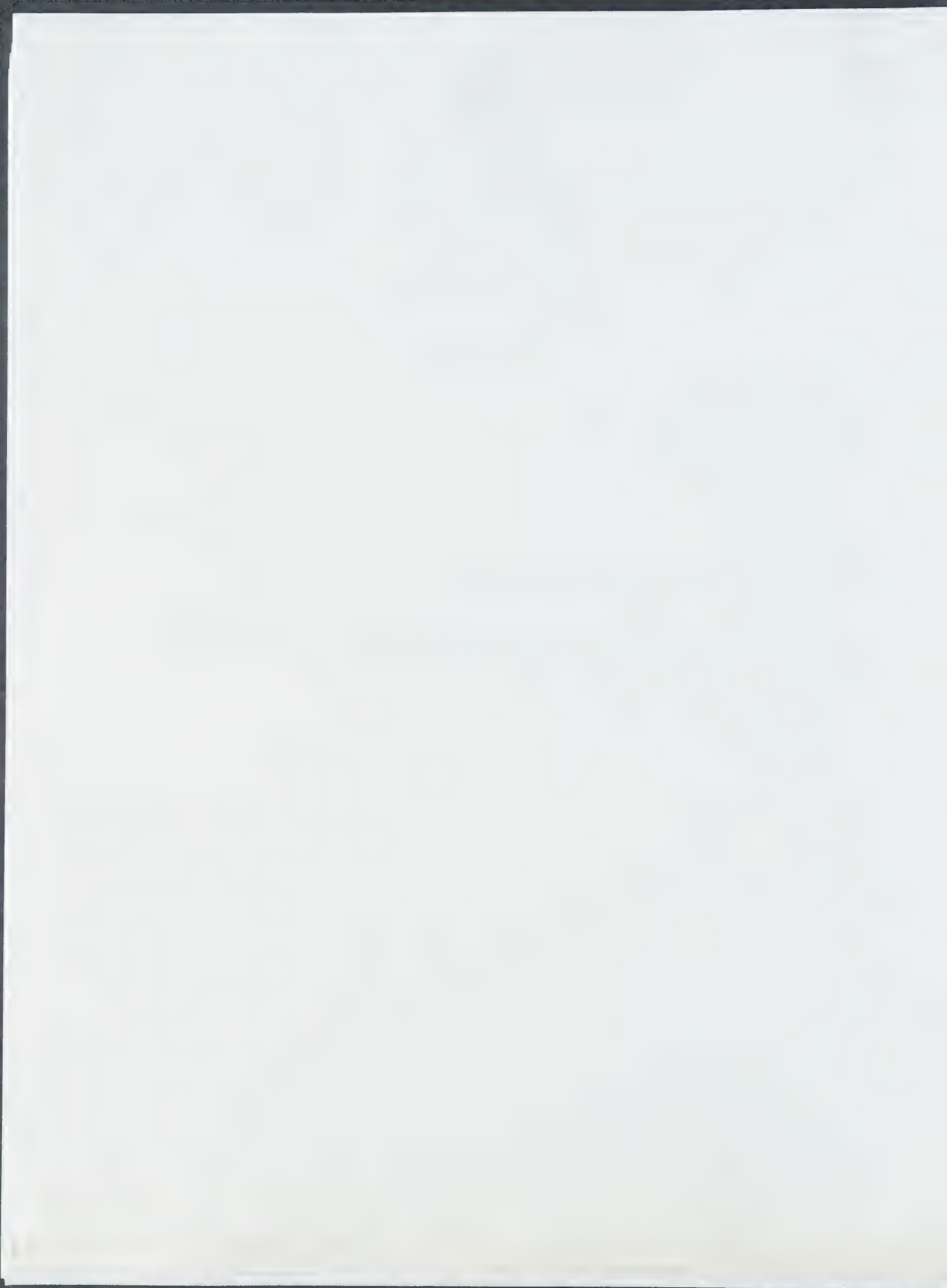
Please accept my sincere thanks for your beautiful review of my autobiography.

As you surely know, autobiographies are also ego-trips, and a danger of reviews such as yours is that they may make me even more conceited than I already am.

With many thanks and best regards, I remain,

Yours sincerely,

AB/cw





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

A Chemist Helping Chemists

March 29, 1996

Professor Steven D. Burke
Department of Chemistry
University of Wisconsin
1101 University Avenue
Madison, WI 53706-1396

Dear Professor Burke:

Professor Gilbert Stork is one of America's greatest synthetic organic chemists and also one of our ablest, most inspiring teachers.

His chemical work has concentrated on the design of new synthetic routes, the elucidation of reaction mechanisms and the total synthesis of complex molecules.

After receiving his Ph.D. in Madison in 1945, he spent a year as an industrial chemist in Milwaukee, seven years at Harvard, and since 1953, at Columbia. Perhaps no laboratory in the world has produced as many inspired chemists now in many senior teaching positions around the world as have Gilbert's laboratories on the 6th floor of Chandler at Columbia.

What strikes you first when you meet Gilbert are his down-to-earthness, his sense of humour, his true love of chemistry and his care for his students, present and past.

The Aldrich Chemical Company has dedicated a very few of its *Aldrichimica Acta* to some of the world's greatest chemists. The one to Gilbert in 1982, in honor of his sixtieth birthday, is enclosed.

Professor Steven D. Burke
March 29, 1996
Page 2

I cannot think of any chemist anywhere in the world worthier of an honorary doctorate from the University of Wisconsin.

With all best wishes, I remain,

Yours sincerely,

AB/cw

Enclosure

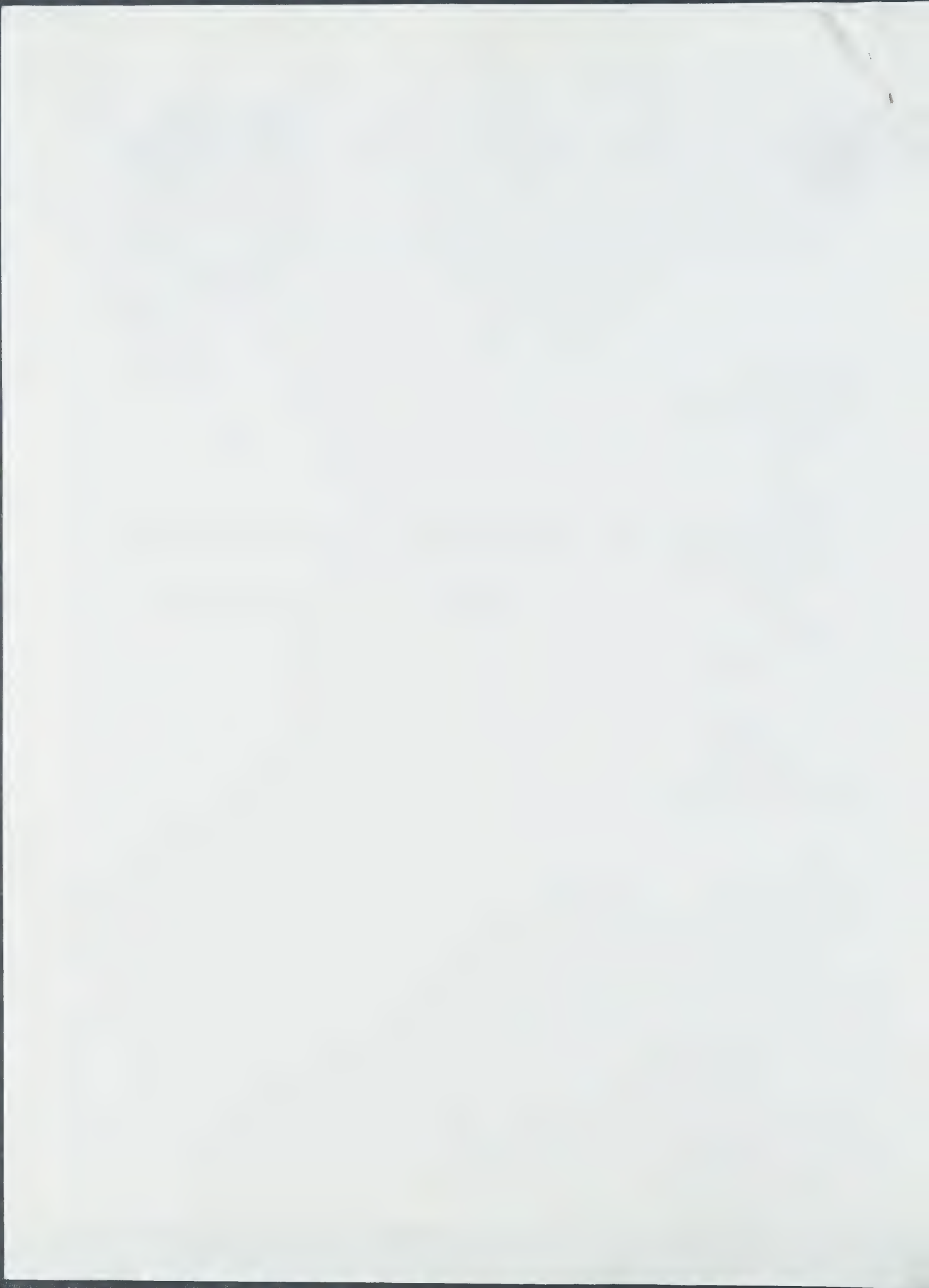


Steven D. Burke
Professor of Chemistry

Department of Chemistry
480 Lincoln Drive
Madison, Wisconsin 53706
Phone: (608) 262-3344
Fax: (608) 262-3344
E-mail: sburke@chem.wisc.edu

This document is the property of the University of Wisconsin-Madison. It is loaned to you for your personal use only. It is not to be distributed, copied, or otherwise used without the express written permission of the University of Wisconsin-Madison.

For more information, please contact the University of Wisconsin-Madison Library at (608) 262-3344.





Steven D. Burke
Professor of Chemistry

Department of Chemistry
University of Wisconsin
1101 University Avenue
Madison, Wisconsin 53706-1396

FAX : 608-265-4534
Tel : 608-262-4941
email: burke@chem.wisc.edu

Dr. Alfred Bader
924 Juneau, Suite 622
Milwaukee, WI 53202

FAX: 414-277-0709

Dear Alfred:

Thank you for agreeing to write in support of our nomination of Gilbert Stork for an Honorary Degree from Wisconsin. Stork has always been a personal and professional hero to me, so I am very pleased that this is going forward.

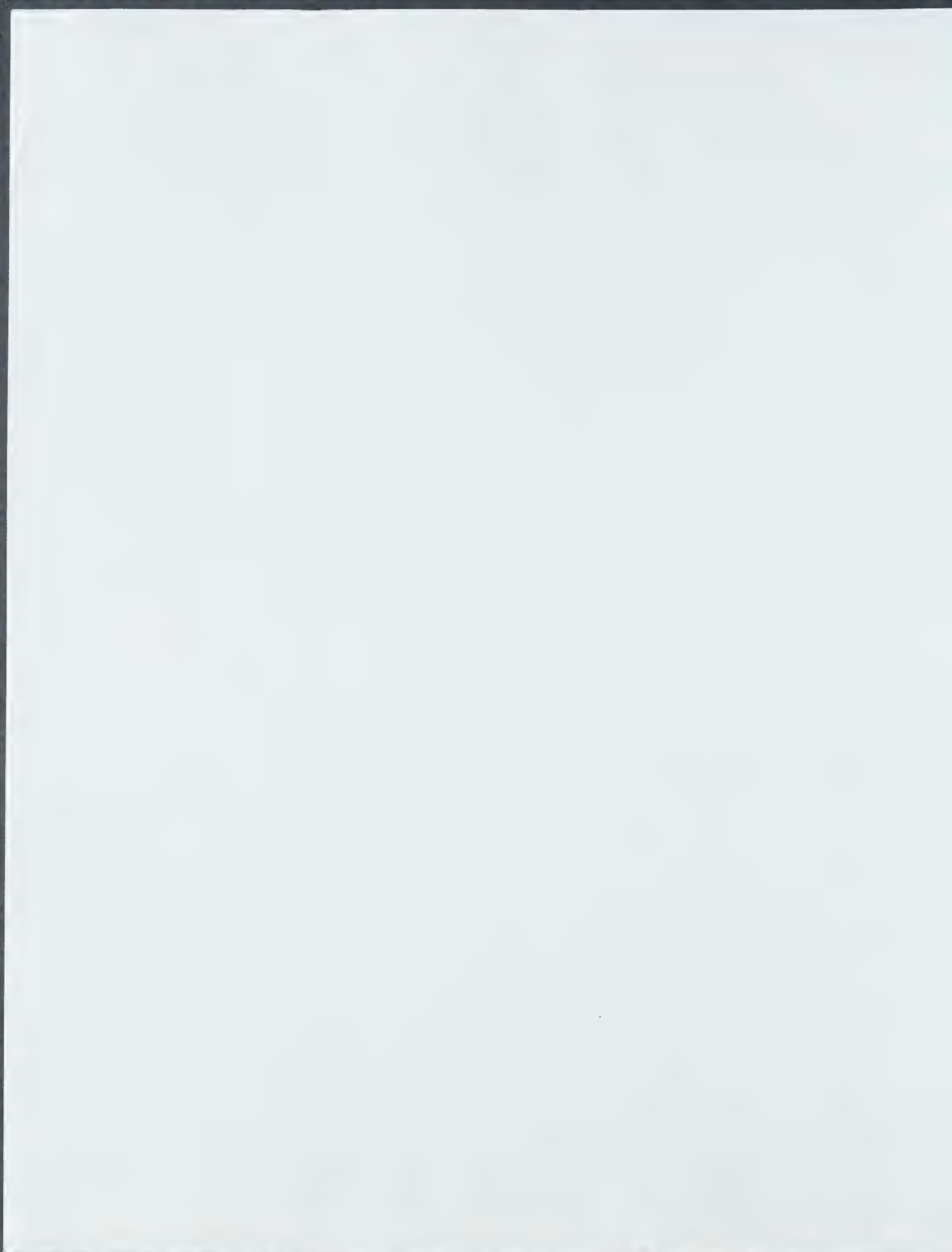
You can address your comments to me, and the letter will be incorporated into the nomination submission.

Thank you again for your help.

Sincerely,

A handwritten signature in blue ink that reads "Stew".

Steven D. Burke
Professor of Chemistry





Institute for Enzyme Research
University of Wisconsin-Madison
1710 University Avenue
Madison, Wisconsin 53705

Telephone: (Area Code 608)

262-3372

March 11, 1993

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

Dear Alfred:

Until I received your letter I had no idea you had left Aldrich. I think their treatment of you is deplorable. Will we have no more beautiful colors on the Aldrich catalog? I have a brother-in-law who started a small company in Milwaukee about 30 years ago and it turned out to be fairly successful. During a period of downturn a person from Chicago bought many shares at the depressed price. When Donn had brought the profitability back to the highest point in the company's history, the Chicagoan marshaled enough votes to make himself CEO!

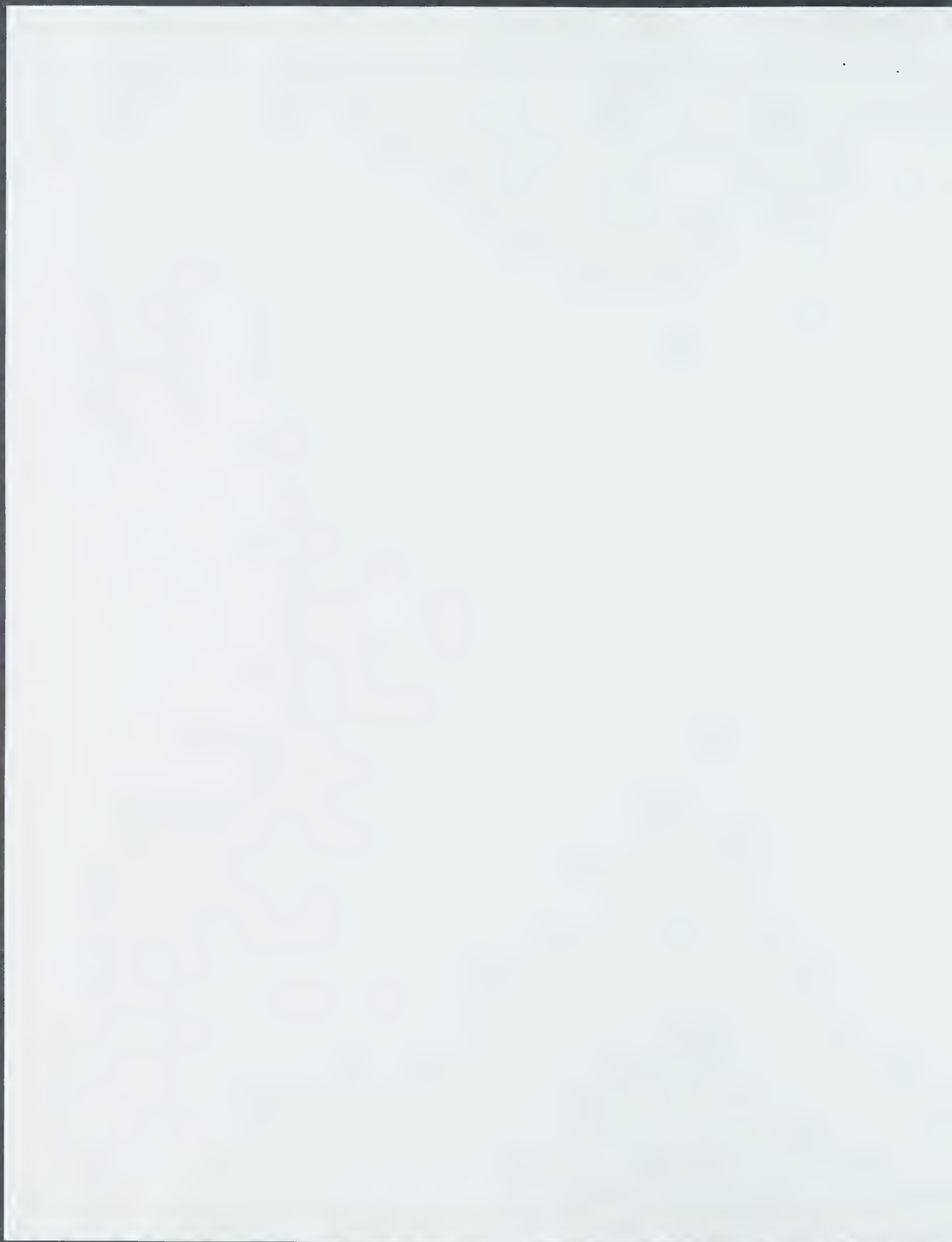
We are pleased that the Alfred Bader award will continue. I was the person who nominated Cleland for the award two years ago and renewed the nomination last year. He is a worthy recipient.

I wrote Aldrich to request that my money for the Structure Index be returned because the book is full of errors. No response as yet.

I hope you will stop in at the Enzyme Institute when you are in Madison. It would be great to visit with you.

Sincerely,

Henry A. Lardy



2-12-93

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

February 12, 1993

Professor Henry A. Lardy
Institute for Enzyme Research
University of Wisconsin-Madison
1710 University Avenue
Madison, Wisconsin 53705

Dear Henry:

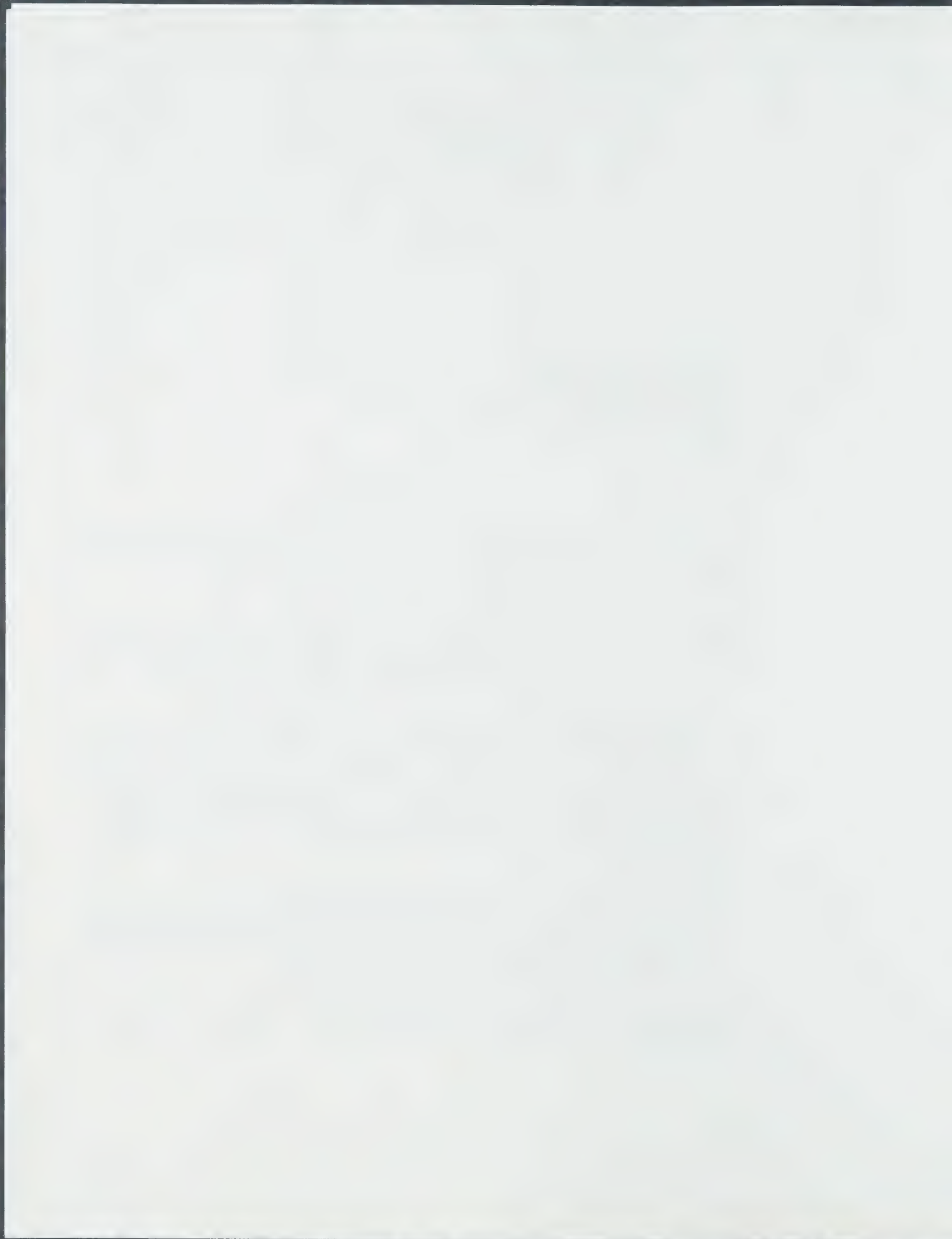
Many years ago in the 1950s our mutual friend, Henry Mahler, introduced us, and I have been thinking of you as Henry ever since. Yet in your disturbing letter of February 2 your address me as Dr. Bader. Why is that?

As you will see from the enclosed, I was dismissed from Aldrich and Sigma-Aldrich last year and am saddened to note the mistake you refer to. Nor is the structure of our 12578-4, dehydroisoandrosterone, the only erroneous structure in the index. The structure of the compound right next to it, epiandrosterone, is also in error.

Two years ago I was particularly proud to be able to acquire the wonderful collection of steroids accumulated over a lifetime by the late Professor David Kirk. We had a very good man at Sigma, Roger Keller, working on a Library of Steroid Spectra, and I very much hoped that the combination of Professor Kirk's samples together with the many, many hundreds which I had acquired from Professors Reichstein, Jeger and many others would make a wonderful research tool for steroid chemists around the world.

Unfortunately, for reasons which I simply cannot understand, the company has decided not to proceed with the Library of Spectra, even though Roger Keller spent years working on it. To me, this is much more worrisome than the silly change of name of the Library amusingly described on the enclosed.

I was happy to see that your colleague, Professor William Cleland, will receive the Alfred Bader Award in Denver.



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

Professor Henry A. Lardy
University of Wisconsin-Madison
February 12, 1993

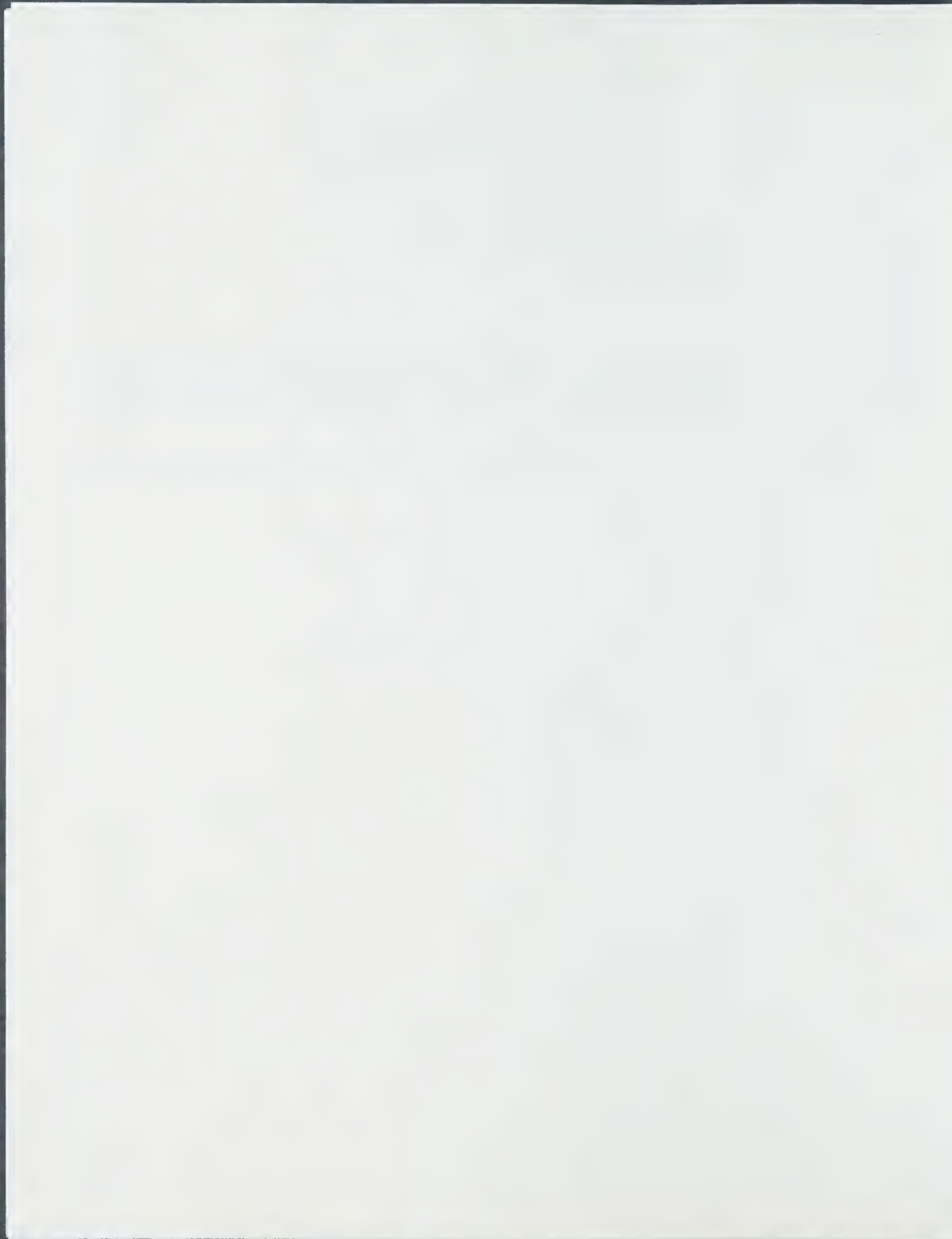
For some years now, a chemist from Aldrich has presented that award whenever I was not able to attend. Now, however, my successor, Dr. Tom Cori, has decreed that no Aldrich chemist can represent me, and I have asked my old friend, Ernest Eliel, to present the award.

I hope to be in Madison before long and hope then to have a chance to chat with you.

All good wishes.

Sincerely,

c: Dr. Jai Nagarkatti
Dr. Stephen Branca
Dr. Roger Keller





Institute for Enzyme Research
University of Wisconsin-Madison
1710 University Avenue
Madison, Wisconsin 53705

Telephone: (Area Code 608)

262-3372

February 2, 1993

Dr. Alfred Bader, C.E.O.
Aldrich Chemical Company
2905 West Hope Avenue
Milwaukee, WI 53216

Dear Dr. Bader:

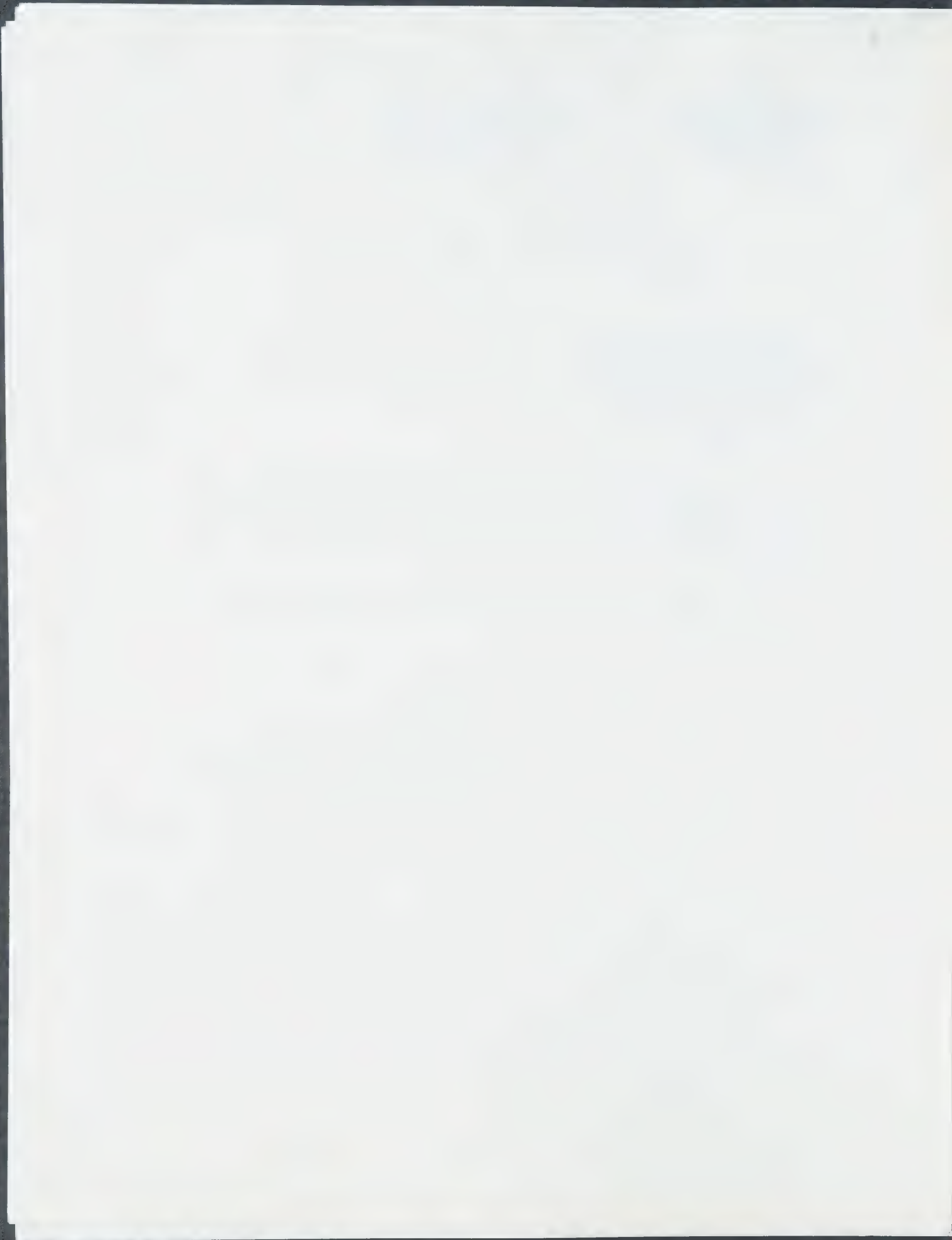
My copy of Aldrich Structure Index has just arrived and the first compound I looked up is depicted erroneously. On page 415, compound 12,578-4 should be shown with a β substituent at carbon 3 as it is in your catalogs.

Please pass this note on to the appropriate person who will correct the next printing.

Cordially,

Henry A. Lardy
Emeritus Professor

HAL/lef



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

May 9, 1994

Professor and Mrs. C. Marvin Lang
Department of Chemistry
University of Wisconsin
Stevens Point, Wisconsin 54481

Dear Louise and Marvin,

Please accept Isabel's and my sincere thanks for your gracious hospitality last Friday and Saturday.

I must tell you that I am somewhat concerned about your visit later this month to the Western Connecticut Section to be with high school students. You are such a serious and kind person and I worry what kind of a reception you will receive. Just don't let rowdies get you down.

Franck Moss Bennett painted early in this century in England. He was born in Liverpool and exhibited also in France. I am sure that the reproduction of your painting is of a British scene.

All good wishes, and again many thanks for all your help.

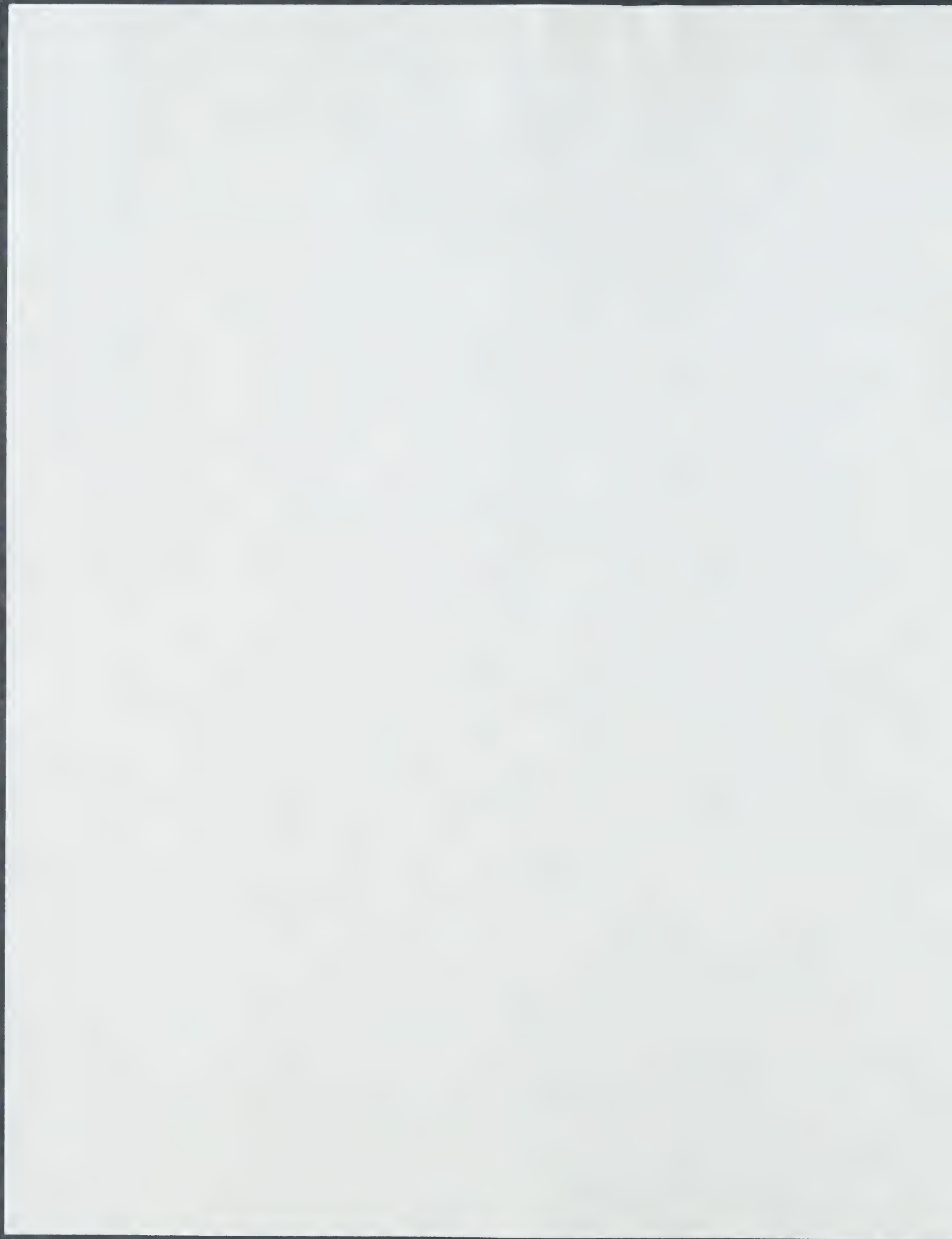
Sincerely,

to advance public interest in chemistry
try across the country.

Last spring the two professors and
instructional specialist, Gary Shulfer

the ACS, one of very few scientists
from Wisconsin elected to the post.
Two years ago he became a director
of the Chemical Heritage Foundation

Parents of the couple are Jerome
and Lucy Michel, Colorado Springs,
Colo., and Robert and Margaret





University of Wisconsin-Stevens Point

College of Letters & Science
Department of Chemistry

Stevens Point, WI 54481-3897 (715) 346-2888
FAX (715) 346-2640

19 April 1994

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

Dear Alfred:

Thank you so very much for agreeing to visit the Chemistry Department at the University of Wisconsin - Stevens Point on May 6th. You have been a long time friend of this Department and we look forward to having you with us once again.

The background for your visit is this ... the Chemistry Department along with many of its alumni and colleagues have established within the UWSP Foundation the *Trytten Fund*. This *Fund* was established in the name of Professor Roland Trytten - long time faculty member and former chairman of the Chemistry Department. Proceeds of the *Fund* will be used to support undergraduate research on the part of UWSP chemistry majors, to recognize outstanding teaching within the Department, to support an on-going colloquia program and to provide a variety of scholarships to freshmen as well as continuing chem majors. May 6th is a celebration of the establishment of the *Fund* and inaugurate the *Trytten Lecture Series*. You will be the first lecturer in what we anticipate will be a long and exciting series of annual lectures. Your presentation on "The Rembrandt Research Project and the Collector" is absolutely perfect for the audience we anticipate having. I know the entire Department is excited and pleased that you will be a part of that very special evening. You will no doubt be pleased to know that a number of colleagues from UW - Eau Claire will be in attendance as well as "folks" from throughout the State. I am enclosing the recent **Chemistry Department Newsletter** which outlines, in part, the *Trytten Fund* as well as some other activities in which we are involved.

Earlier in the day of May 6th the Department will conduct its annual *Student Poster Session*. This session highlights recently published papers and/or original research conducted by our students. At approximately 1:45 pm students and faculty will gather in one of the large lecture rooms (D-101 Science Building) to conduct the 1994 Awards Presentation for Outstanding Chemistry Achievement. This event will be followed by your seminar on "Josef Loschmidt -- The Father of Molecular Modeling."

We anticipate that you will arrive in Stevens Point around 11:00 - 11:30 am. You and Isabel will be our guests for lunch. In your recent letter you asked about parking; on the enclosed map, I've indicated "Lot X" as the proper place to park. Simply obtain a "parking lot ticket" from the automated gatekeeper. We have special passes in the Chemistry Department which allow guests to get out of the lot without charge. Further, you indicated in your letter that two slide projectors will be needed for both talks --- they will be provided.

... more ...

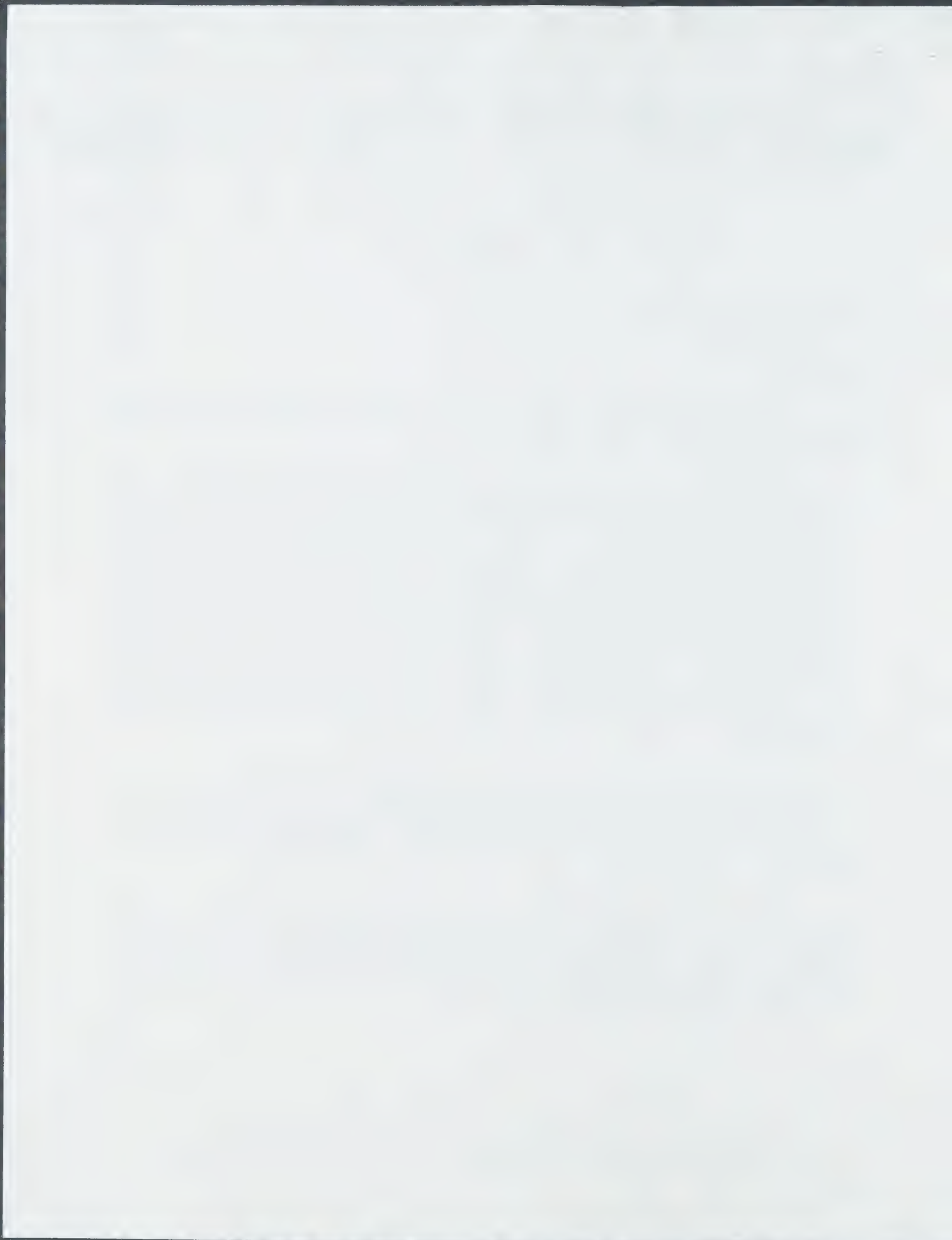
Telephone: (715)346-3609 FAX: (715)346-2640 E-mail: cmlang@uwspmail.uwsp.edu

to advance public interest in chemistry across the country.

Last spring the two professors and instructional specialist Gary Chulpan

the ACS, one of very few scientists from Wisconsin elected to the post. Two years ago he became a director

Parents of the couple are Jerome and Lucy Michel, Colorado Springs, Colo., and Robert and Margaret



Again, let me say how excited we are that you'll be spending the day of Friday, May 6th with us. Louise and I are also most pleased that Isabel and you will stay the night with us in our home. I'll give you a call several days before your visit to nail down any last minute items.

Best personal regards,



C. Marvin Lang
Professor

enclosures
cc: J. K. Reed, Chairman

to advance public interest in chemistry across the country.

Last spring the two professors and instructional specialist Gary Shulfer

the ACS, one of very few scientists from Wisconsin elected to the post. Two years ago he became a director

Parents of the couple are Jerome and Lucy Michel, Colorado Springs, Colo., and Robert and Margaret



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

April 1, 1994

Prof. C. Marvin Lang
Department of Chemistry
University of Wisconsin
Stevens Point, Wisconsin 54481

Dear Marvin:

Isabel and I much look forward to being with you on Friday, May 6th.

Please send me a map showing exactly to which building we should come, and also a parking permit.

Enclosed please find the abstracts for the talks on "Josef Loschmidt--The Father of Molecular Modelling" and on "The Rembrandt Research Project and the Collector." For both talks we will need two projectors to show two slides simultaneously.

Best wishes.

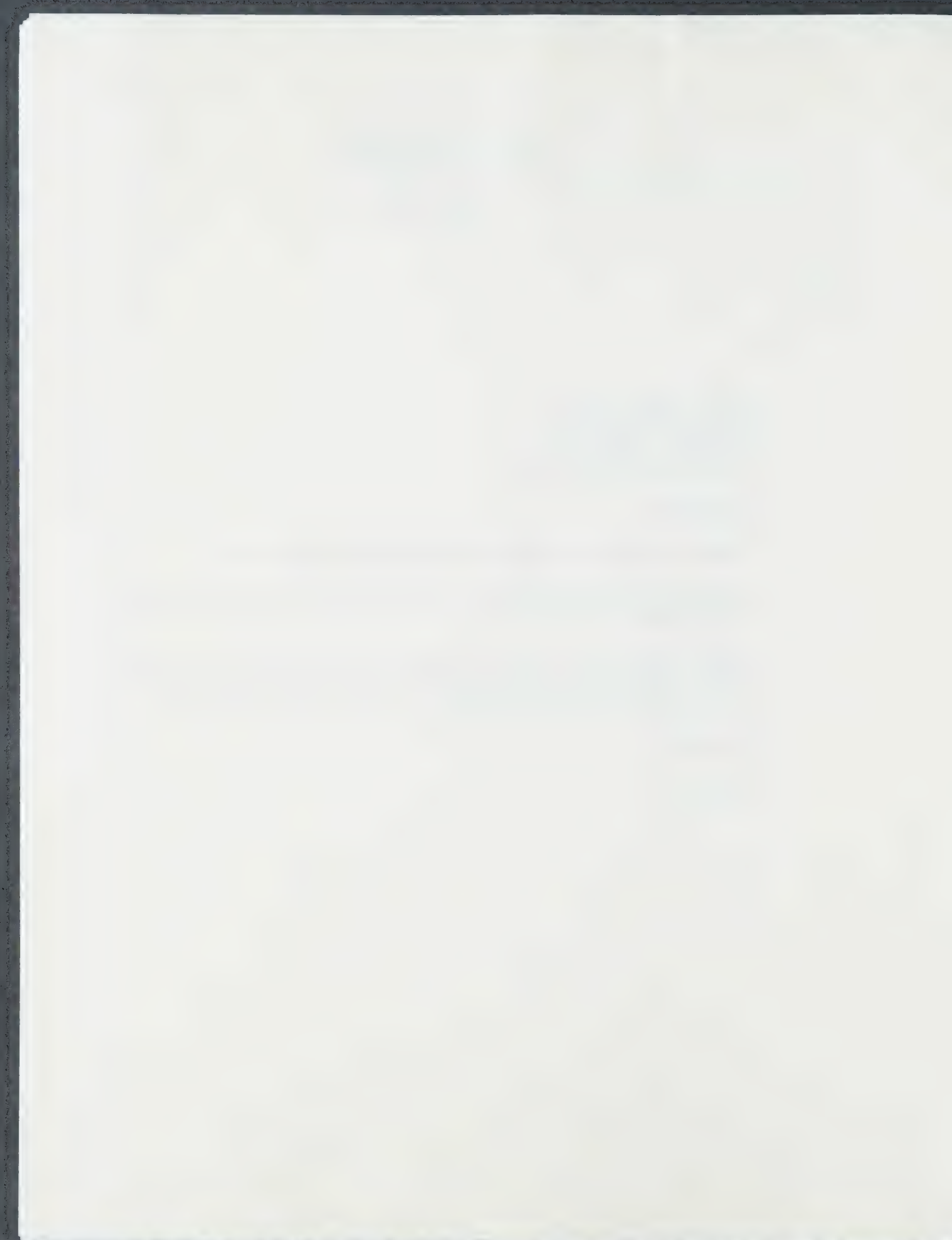
As always,

to advance public interest in chemistry across the country.

Last spring the two professors and instructional specialist Gary Shulfer

as member at large on the board of the ACS, one of very few scientists from Wisconsin elected to the post. Two years ago he became a director of the Chemical Education Foundation

Parents of the couple are Jerome and Lucy Michel, Colorado Springs, Colo., and Robert and Margaret



UNIVERSITY OF WISCONSIN-Stevens Point
Stevens Point, WI 54481

Prof. C. Marvin Lang (*Louise*)
715-346-3609 HOME 3413201

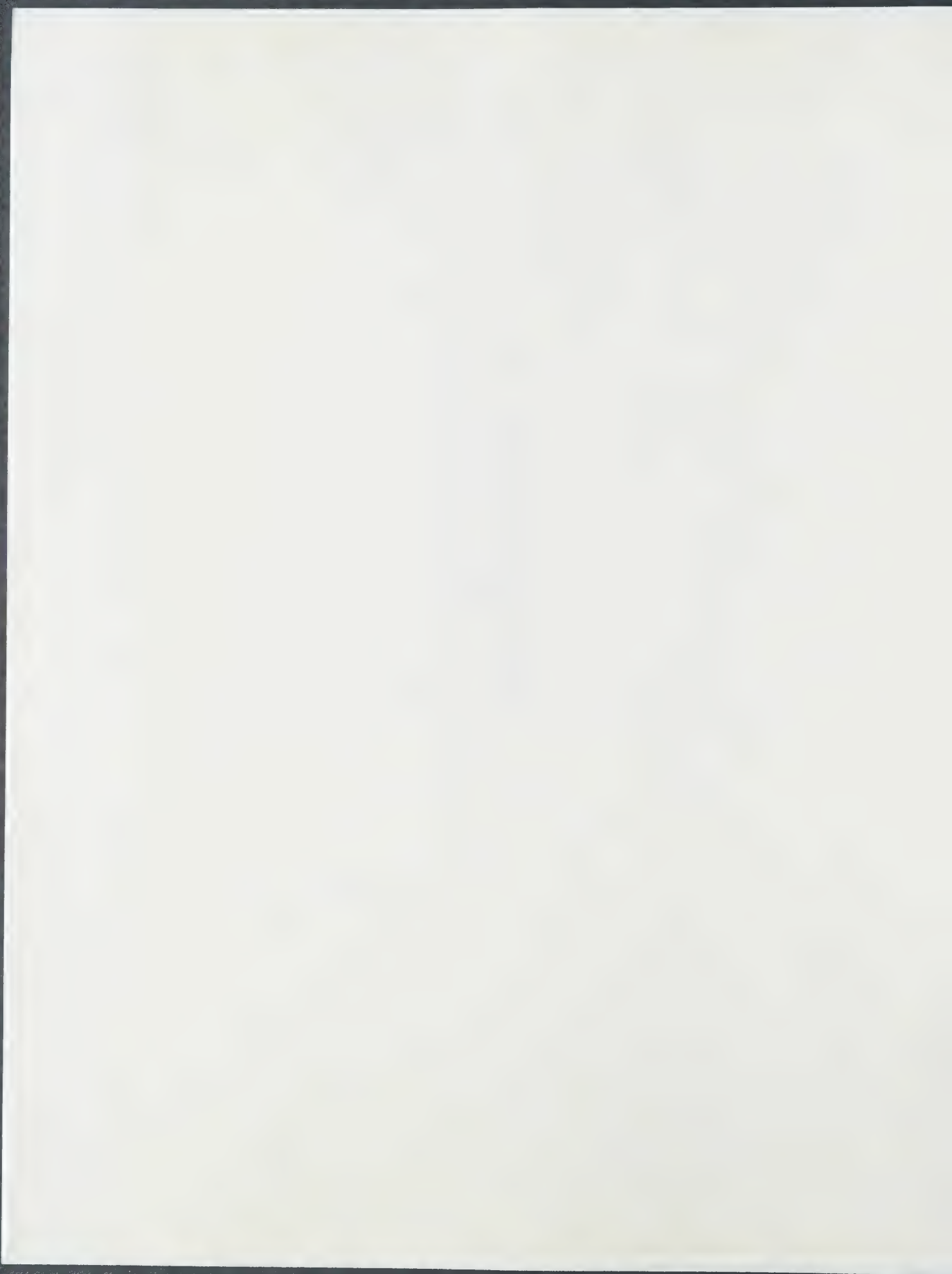
have presented programs for the ACS to advance public interest in chemistry across the country.

Last spring the two professors and

as member at large on the board of the ACS, one of very few scientists from Wisconsin elected to the post. Two years ago he became a director

and Duane A. Check is announced.

Parents of the couple are Jerome and Lucy Michel, Colorado Springs, Colo., and Robert and Margaret



UW-Stevens Point
Department of Chemistry

FIRST ANNUAL
TRYTTEN LECTURE



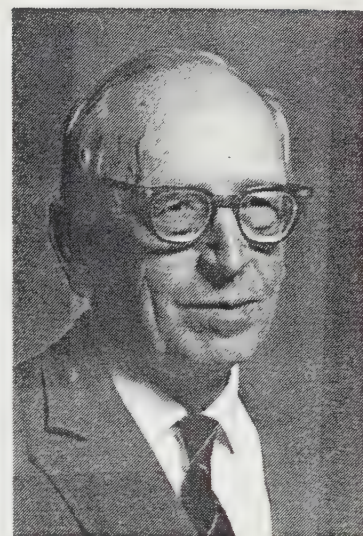
Alfred Bader, CEO (retired)
Sigma-Aldrich Chemical Corporation

"The Rembrandt Research Project and the Collector"

Friday, May 6, 1994
8:00 P.M.

Wisconsin Room, University Center

Roland Trytten, "Tryt," after whom this Lecture Series is named, taught in the Department of Chemistry at UWSP for 38 years, from 1945 to 1983. He served as chair of the Department for 24 of those years, from 1947 to 1972. When he arrived in 1945, he was one of three faculty members. Needless to say, Tryt taught nearly everything in those early years. As the Department grew, Tryt's teaching assignments were most frequently in the areas of general chemistry and quantitative analysis.



Roland Trytten was a creative leader. He served on the steering committee that worked for the creation of the Central Wisconsin Section of the American Chemical Society, whose region had previously been part of the Wisconsin Section, which was headquartered in Madison. He also provided inspiration and leadership for the initial creation of the UWSP paper science major, which was originally established as a Department of Chemistry program.

Tryt was born Roland Aaker Trytten on October 15, 1913 in Tower City, North Dakota. He earned his B.S. from St. Olaf College in 1935 and his Ph.D. from UW-Madison in 1941. After one year as a quality control chemist for Kimberly-Clark in Niagara, Wisconsin, he joined the chemistry staff at Ripon College and taught there until 1945. Then he moved to Central State Teachers College in Stevens Point.

In 1990 the Department of Chemistry honored Roland by naming A121 Science the "Roland A. Trytten Lecture Hall." At those festivities Tryt noted that this honor being bestowed on him was really the second such recognition. Early in his career, he wryly noted, he received his first recognition when "the radioactive isotope of hydrogen was named tritium." The establishment of the Trytten Lecture Series, and the presentation of the first lecture in this series tonight, is another tribute and testament to the remarkable career of Roland A. Trytten.

Alfred Bader, scientist, industrialist, art historian and philanthropist, was born in Vienna in 1924. Wartime stays in England and Canada led to Queens University, where he earned a B.Sc. in Chemical Engineering, a B.A. in History, and a M.Sc. in Organic Chemistry. After working as a chemist for Murphy Paint Company, he went to Harvard, completed his Ph.D. in Organic Chemistry and returned to Murphy. In 1951 he began the Aldrich Chemical Company, which he ran part-time out of his garage in Milwaukee. In 1954 he worked full-time on his fledgling new company, which became the world's foremost supplier of high-quality fine chemicals. Aldrich merged with Sigma Chemical Company in 1975, creating the Sigma-Aldrich Chemical Corporation, which Dr. Bader chaired until his recent retirement.



Alfred Bader has had a life-long avocation of collecting and restoring art. The catalog of the Aldrich Chemical Company has always been unique in that its front cover was always a painting from his personal art collection. Dr. Bader is widely recognized as an expert on techniques for restoring art. Over the past forty years he has built up a significant collection, specializing in Dutch 17th century paintings of Rembrandt. His knowledge of art is widely recognized; twice he has served as guest curator for exhibitions at the Milwaukee Art Museum, including *The Detective's Eye; Investigating The Old Masters*. Across the country and around the world, Dr. Bader has shared his remarkable expertise of chemistry and art by giving lectures and seminars on *The Chemistry of Art Restoration* and *The Bible Through Dutch Eyes*.

Dr. Bader launched the periodical *Aldrichimica Acta* to disseminate chemical reviews by leading chemists. Through his leadership and benevolence, the *ACS Award for Creative Work in Synthetic Organic Chemistry*, the *ACS Bader Award for Creative Research in Bioorganic and Bioinorganic Chemistry*, and *ACS Project SEED* (Summer Experience for the Educationally Disadvantaged) have been established and generously supported.

It has just been announced that Dr. Alfred Bader is to be the recipient of the 1995 *ACS Charles Lathrop Parsons Award* which recognizes his significant achievements in chemistry and their interpretation to society and the public-at-large.

Department of Chemistry Award Winners 1993-94

Trytten Award	<i>"Outstanding performance in freshman chemistry by a major"</i> Paul Winget - West Bend, WI
Faust Award	<i>"Outstanding performance in freshman chemistry by a major"</i> Mark Mehn - Berlin, WI
CRC Achievement Award	<i>"To the freshman with the most outstanding achievement in chemistry"</i> James Krenz - Merrill, WI
Faust Awards	<i>"Outstanding performance in sophomore chemistry courses by a major"</i> David Falkavage - Stevens Point, WI Lisa Swanson - Wisconsin Rapids, WI
POLYED Organic Chemistry Achievement Award	<i>"Most outstanding performance in sophomore organic chemistry by a chemistry major"</i> Gwyn Wheeler - Verona, WI
Kallander Award	<i>"For outstanding performance in junior chemistry courses by a major"</i> Aric Bacon - Hancock, WI
Weaver Award	<i>"Outstanding performance in Biochemistry by a major"</i> Michelle Maeder - Wausau, WI
Merck Index Award	<i>"Academic excellence and demonstrated research ability"</i> Stephanie Alt - Appleton, WI
Analytical Chemistry Award	<i>"Upper division student who displays interest in and aptitude for a career in analytical chemistry"</i> Stephanie Alt - Appleton, WI
American Institute of Chemistry Award	<i>"Graduating senior who, based upon leadership, ability, character, and academic records, has shown the potential for the advancement of chemistry and chemical engineering"</i> Aric Bacon - Hancock, WI
Academy of Letters & Science Awards	<i>"Excellent achievement in a variety of academic areas, ability to write and speak effectively, and demonstrated intellectual curiosity"</i> Mark Ott - Cross Plains, WI Lisa Ponton - Grafton, WI

ment

Recognitions for students, individuals given by College of Natural Resources

About 120 students shared \$55,000 in scholarships Saturday at the annual spring recognition program for natural resources students at the University of Wisconsin-Stevens Point.

The event marked the 25th anniversary of the formation of the College of Natural Resources from a former conservation department. But, the spotlight was focused on top students from among the 1,000 enrollees in the college.

Tribeads from UW-SP also went to individuals who have made outstanding contributions to the college, provided major leadership in the environmental arena, and have been singled out as an outstanding alumnus and teacher. Sen. Herbert Kohl, D-Conn., joined in applauding accomplishments of the honorees, after delivering a short address. The top awards are:

— Rebecca Power, a graduate of Waukesa North High School majoring in wildlife and managing water resources, won the Outstanding Student Award with a grade point of 3.79 and a long record of extracurricular involvement. She received \$300 in a scholarship from the college as well as a \$500 scholarship from Whitelake Unlimited. She now lives in Amherst.

— Former Gov. Lee Sherman Dreyfus was announced as winner of the Outstanding Contributor to the College Award. Early in his career, he was chairperson of UW-SP in the late 1960s, he was responsible for the creation and development of the College of Natural Resources. He then went on to provide leadership in the formation of several specific majors, such as paper science, which is one of few of its kind in the nation. Dreyfus was unable to attend.

— George Rogers, retired editor and publisher of the Stevens Point Journal, received the Environmental Leadership Award for a variety of achievements during his lifetime. He most recently has been acknowledged as a leader in land acquisition and restoration projects for such groups as the Isaac Walton League, Trout Unlimited and the Green Circle. He also is author of a weekly column in the Stevens Point Journal, Mid-Wisconsin Outdoors, which has a strong environmental education component.

— Richard Kaminski, a Manitowish native, 1972 graduate of the college in wildlife management and biology, and now professor of wildlife ecology and management/wildlife techniques at Mississippi State University, was presented the Outstanding Alumnus Award. With a new doctoral degree from Michigan State University, he did research for Ducks Unlimited on habitat throughout Canada. Since 1988, he has been teaching, and doing research and scholarly writing at Mississippi State.



INDIVIDUALS MAKING OUTSTANDING CONTRIBUTIONS to UW-SP's College of Natural Resources, as well as its top student, received recognition during the college's recent annual spring program. They are George Rogers, John Houghton, Rebecca Power and Richard Kaminski. (UW-SP photo)

— John Houghton, a forestry professor here since 1983, was singled out as the Outstanding Faculty Member of the Year. A former forest economist for Great Northern Paper Company in Maine, each fall semester he operates a pulp cut for the student chapter of the Society of American Foresters, whose many activities are often extracurricular. In 1989, Houghton received this same award from the college. He also has been elected to the Stevens Point Area Public School Board.

Top students from each class and discipline also were recognized by the

college and received \$100, provided by alumni donations.

The best students in each discipline were: Merritt Kunz, South St. Paul, Minn., outstanding resource management student, who also received the \$500 James Newman Trewhaven Scholarship; Charles Darling, Grotton, S.D., outstanding forestry student, who was also given the \$800 Davey Tree Expert Company Scholarship; Serge Koenig, 3129 Evergreen Drive, Plover, outstanding water student; and Joseph Pasqualucci, Green Bay, outstanding soils student.

The best students in each class were: Brian Kowalski, Waukesa, top sophomore student and recipient of the \$500 Koertgen Gallery Scholarship; Deborah Marx, Mayerton, top junior student and \$800 Wisconsin Wildlife Federation-William Aberg Scholarship winner; Daniel Villeneuve, Neokosa, top senior student; Brian Rieck, Neesho, and David Potter, Morrisston, Minn., top graduate students.

Other honorees from Portage County include:

Joseph Ramecheck, 2008 Highway M, recipient of a \$400 anonymous donor scholarship; Diane Lueck, 725 Illinois Ave., winner of the \$250 Isaak Walton League-Bill Cook Chapter Scholarship and the \$1,000 Outdoor Writers Association of America Scholarship; Robert Stuczynski, Amherst, winner of a plaque from the American Society of Agronomy; Philip Albertson, Amherst Junction, recipient of the \$300 Northland Cranberries Scholarship; Benjamin Komarzewski, 307 Eriewski Road, winner of the \$100 Stanley J. Pils Memorial Scholarship; Aaron Young, Almond, recipient of the \$200 Portage County Parks Scholarship; Eugene Isherwood, 5753 Birch Drive, Plover, winner of the \$500 Trout Unlimited-Shaw-Paca Chapter Scholarship; Randy Sien, 100 Georgia St. N., recipient of the \$500 Wetlands Conservation League Scholarship; Rex Ranke, 617 Greenbrier Ave., winner of the \$500 Whitelake Unlimited-Stevens Point Scholarship; and Thomas Meronek, Custer, winner of the \$600 Worth Scholarship.



Serge Koenig



Diane Lueck

Public forum to look at American Indian issues

A forum to identify the wellness and mental health needs of American Indian families will be held Tuesday, March 22, at the University of Wisconsin-Stevens Point.

The day-long meeting in the Melvin R. Laird Room of the University Center is directed toward health, social service and school officials who work with American Indian populations. The public also is welcome. The \$20 registration fee includes lunch.

The intent of this forum is to lay the foundation for establishing an annual American Indian Family Institute at UW-SP, says Alton "Sonny" Smart, assistant professor of sociology.

When the Native American and rural social work minor was approved two years ago, it was felt that a yearly forum would provide opportunities for students to interact with social service professionals who work with Indian and rural populations.

Smart will open the forum with a discussion of cultural practices and mental health. He will also survey the attendees to determine the current and future needs of health and wellness services providers who work on the reservations.

Iris Heavyrunner, manager of Fairview Riverside Medical Center, Minneapolis, will speak on post traumatic stress disorder and the American Indian.

The number of sudden deaths on reservations from such things as alcoholism, suicide and sudden infant death syndrome is significant. Service providers need to have appropriate methods for helping family members who are suffering trauma from these deaths.

A member of the Blackfoot tribe of northern Montana, Heavyrunner is experienced in adolescent drug treatment, fetal alcohol syndrome and mental health in Indian populations. A consultant and speaker, she is pursuing a graduate degree at the University of Minnesota.

The forum, sponsored by the UW-SP department of sociology, Native American Center and Cultural Diversity Program, is seen as a joint investment in an initiative to confront American Indian family issues.

For more information and registration, call the Native American Center at UW-SP at 346-5370.

Annual Antique Show to be held

A china repair service and featured exhibit on toys and dolls will be part of the 10th annual Antique Show and Sale on Saturday and Sunday at the University of Wisconsin-Stevens Point.

Fifty antique dealers from Illinois, Minnesota and Wisconsin will be displaying and selling their goods in Quandt Gym at UW-SP from 10 a.m. to 6 p.m. on the opening day and from 11 a.m. to 4 p.m. Sunday.

Lucille Heath of Merrill will exhibit "Dolls and Toys of the Last Century." Mary Lou's Crystal and China Repair of Joliet, Ill., will be making available its service as it has for nearly five years. A cafe will be set up on the gym's balcony.

A fund-raiser for the UW-SP athletic programs, it is the largest of its kind in this part of the state. Admission will be charged.

Passions about food can turn into rhubarb

By ERMA BOMBECK
UNIVERSAL PRESS SYNDICATE

There is no one in this world more pushy than a hostess trying to shove her favorite food down your throat. You'd think she gets advantage meals for every brasserie spread she can get you to swallow.

Every time the word "rhubarb" comes into the conversation, there is a war between the "I love it" disciples and the "No, thank you" rebels.

I hate rhubarb. I have seen too many dogs go directly to it in a garden, lift a leg and wet on it. My sentiments exactly.

But the "I love it" are tenacious. They tell you that you've never had it cooked properly. They give you their recipe for rhubarb/strawberry pie.

Rhubarb lovers have the same mentality as fruitcake disciples. They're a small group, and the numbers seem to shrink every year.

There seems to be a parallel between them and people who smoke. It's only a matter of time before people who eat fruitcake will be asked to do so outside a building or in a designated area at the airport. Don't even think of nibbling on it in an elevator.

When a person doesn't share the love of the same food you do, it's a personal thing. I remember when George Bush declared his love for broccoli. It made national headlines, nutritionists hyperventilated, the stock market bottomed out. It probably cost him the election.



Erma Bombeck

My grandmother hated fish. She said it smelled up her kitchen. When my grandfather occasionally cooked it for himself, she got into the car and went to visit one of her daughters. Fish drove a wedge in their marriage.

I hate to admit it, but when it comes to spinach, I'm an "I love it." My husband made it clear from day one he doesn't like spinach, never has, never will.

I have force-fed him spinach salad, steamed spinach, spinach quiche, spinach lasagna, spinach with hard-boiled eggs and vinegar, creamed spinach and spinach dip. He still hates it. I have to ask myself, why is he punishing me?

Spinach is not the same as rhubarb. Rhubarb is weird. I read in a magazine where cooked rhubarb juice, which contains acid, is used to dissolve the stains from antique linens. Am I impressed?

The same article said wet chicken (fathers are not used to grease stains). I'm not putting them in my mouth either.

Accent on the Arts

'Tenor' staging to stick to schedule of performances slated earlier

"Lend Me A Tenor," the next mainstage production at the University of Wisconsin-Stevens Point, will open on Friday, April 8, and continue on Saturday and Sunday, April 9 and 10, and Thursday through Saturday, April 14 through 16, in the Jenkins Theater at the Fine Arts Center.

First Nighters will attend the April 8 production. All of the curtain times are at 8 p.m., with the exception of Sunday, April 10, when the play will begin at 4 p.m.

The comedy, directed by Carolyn Blackinton of the Theater faculty, was scheduled a week earlier because of problems which would have been caused by the potentiality of "IT76" going to Washington, D.C.

Though the situation has been resolved, the theater department has decided to leave the new schedule in place to avoid confusion.

Tickets are available through the Arts and Athletics ticket office, 346-4100, at a cost of \$8.50 for the public, \$6 for senior citizens and \$4.50 for students.

Late composer to make appearance at event

Making his first visit to Stevens Point, Wolfgang Amadeus Mozart will be on hand Saturday, to greet guests and host the festivities at a dinner sponsored by the American Suzuki Foundation at Holiday Inn.

The event, "Music with the Masters: An Evening with Mozart and Friends," is being billed by organizers as an evening of elegant dining and great music.

Beginning at 6 p.m., a string quartet will provide background music for the cocktail hour, featuring hors d'oeuvres and a cash bar. Strolling violinists, pianists and ensembles provide musical accompaniment during dinner. Guests may chat informally with Mozart and place bids on items in the silent auction, another feature of the evening.

After dinner, Mozart will host a musical program presented by American Suzuki Talent Educator Center faculty and students.

Dee Martz, director of the local Suzuki program, said she is surprised and delighted that Mozart has chosen to come to Stevens Point on his first trip to America. She said she guesses he will find the family-oriented Suzuki program "fascinating," since he also was taught music by his father from a very early age.

"He was an absolute genius at hearing and playing music by ear," she said, adding that it also is an emphasis of the Suzuki program.

Tickets for the fund-raising event are \$25 each and are available at the UW-SP Arts and Athletics ticket office in the lobby of Quandt Gymnasium, 346-4100, or by sending your check, payable to American Suzuki Foundation, to Judy Shevick, 497 Barbara's Lane.

Proceeds from the dinner will be used to support Suzuki student scholarships, instrument purchases and material support for the ASTEC program.

Performers plan concert to end tour

Vocalists Gretchen d'Armand and William Lavinis and pianist Michael Keller will conclude their two-state tour with a performance at 8 p.m. Wednesday, March 23, at the University of Wisconsin-Stevens Point.

The performance in Michelson Hall of the Fine Arts Center will be open to the public without charge.

The program will include Ludwig van Beethoven's "Adelaide," Franz Joseph Haydn's Andante Variations in F minor for solo piano, H.VIII: 6, and Franz Liszt's Three Sonnets of Petrarch.

The trio will also perform four duets, including Domenico Scarlatti's "Cara, non dubitar" ("Il Matrimonio Segreto"), Johann Strauss Jr.'s "Trinke Liebchen, trinke schnell!" from "Die Fledermaus," and Sigmund Romberg's "Deep in my Heart" from "The Student Prince."

For over 30 years, d'Armand has combined a career in performing and teaching. Besides receiving awards in New York and Massachusetts, she won the Weyerhaeuser Award in the National Metropolitan Opera Auditions.

Lavinis, who holds a doctor of musical arts degree, joined the UW-SP music program in 1991.

Professor of piano at UW-SP since 1971, Keller's teachers have included Howard Karp and French pianist Marylene Desso.

Performance sites for the faculty recital include the First Presbyterian Church, Marshfield; Illinois Wesleyan University, Bloomington, Ill.; and the First Unitarian Church, (The Frank Lloyd Wright Church), Madison, at 12:15 p.m. Friday.

Historian given award

A national organization has voted to give its "Distinguished Book Award" to a University of Wisconsin-Stevens Point professor.

The recognition goes to William Skelton, professor of military history, for his work, "An American Profession of Arms — The Army Officers Corps, 1784-1861."

The Society of Military History will pay tribute to the professor and his book at an annual conference in April in Washington, D.C.

Skelton's work was described by two critics as "definitive."



DANCERS STEP OUT Saturday to raise money for the American Heart Association of Wisconsin. More than 30 aerobic dancers were expected to participate in the Dance for Heart event at the Stevens Point YMCA. Jackie Meyers was the instructor; participants raised pledges for every minute they danced. Proceeds help fund heart research, community programs and heart-health education activities. (Journal photo by Tom Charlesworth)

90th birthday observed

Laura Christina Cook, 1401 Brawley St., celebrates her 90th birthday today.

A celebration will be held at 6 p.m. today at The Restaurant.

She was born March 14, 1904, a daughter of Andreas and Ana (Larsen) Hansen in Wibaux.

On April 26, 1928, she was married to Arthur Cook in the family farmhouse in Wibaux. He practiced dentistry for 35 years in Stevens Point.

Their children are Charlotte Demko, La Cross, Dr. William Cook, Amesbury, Mass., and Dr. Lawrence Cook, Lakeland, Fla.

There are nine grandchildren. Her brothers are Theodore Hansen, Clago City, Minn., and Chris Hansen, Mesa, Ariz.

graduate of the Stevens Point Normal School (now the University of Wisconsin-Stevens Point), she was a grade school teacher for several years in Stevens Point before becoming a homemaker.

Mrs. Cook has been a member of



Laura Cook
Trinity Lutheran Church for about 55 years.
She is a life member of the Fort-nightly Study Club and a member of the Portage County Dental Auxiliary Association.

UW-SP educator chosen to be Visiting Scientist

Educational techniques used by a 30-year professor at the University of Wisconsin-Stevens Point have been recognized by the Western Connecticut Society of the American Chemical Society (ACS).

C. Marvin Lang, 3015 Cherry St., Whiting, will serve as the 1994 Visiting Scientist for the section during four days in May.

Besides giving honor to the person chosen as recipient of the recognition, the award is given as a means of bringing to Peabody College, Conn., high schools a chemical educator from the university level to provide programs for students and to update teachers on the latest developments in chemical education.

The Western Connecticut Society of ACS recognition is one of four awards in the United States for excellence in chemical education in which the pool of nominees is national according Jack Reed, chairman of the UW-SP chemistry department.

For many years, Lang and another local professor, Donald Showalter, have presented programs for the ACS to advance public interest in chemistry across the country.

Last spring the two professors and instructional specialist Gary Shaffer were asked by the ACS to give the



C. Marvin Lang
show to members of the U.S. Senate and House of Representatives and their staffs and families at the Rayburn House office building in Washington, D.C.
Lang is serving in his second term as member at large on the board of the ACS, one of very few scientists from Wisconsin elected to the post. Two years ago he became a director of the Chemical Heritage Foundation, housed in Philadelphia.

Author of children's books to give local presentation

Gretchen Mayo, Wisconsin children's author and illustrator will appear at 6:30 p.m. Tuesday at the Charles M. White Public Library in the children's department. There will be a short presentation and autograph session.

Mayo has taught elementary school and entered children's publishing by illustrating both text and trade books. Later, she began to write as well as illustrate her own books.

Her most recent titles include "That Tricky Coyote" and "Meat Tricky Coyote." Both are selections of stories originally told by American Indians.

Mayo is a mentor and advocate for Woodland Writers, a group of Wisconsin Indians writing for children. She lives along the Wisconsin shore of Lake Michigan.

Events

TOASTMASTERS, Stevens Point-Flover, meets at 7 p.m. Thursday in the executive conference room at Sentry Insurance. For more information, call 341-7900 or 341-6488.

STEVENS POINT Chapter, Daughters of the American Revolution, meets at 1 p.m. Wednesday at the Evergreens, The Portage County Historical Society will present the program.

FAERIE LORE with Tom Kaufman is the subject of class meets at 6:30 p.m. Tuesday at Infinite Faith.

FORTHNIGHTLY STUDY Club meets at 1 p.m. Wednesday at the home of Carol Sanders.

SIMPLY SPRING arts and crafts fair is held 10 a.m. to 4 p.m. Sunday at the Holiday Inn. The event is sponsored by the Stevens Point Junior Woman's Club and admission is \$1.

ALLIBREED CAT Show, sponsored by the Central Wisconsin Cat Club, is held 9 a.m. to 4 p.m. Saturday and Sunday at the National Guard Armory, Wausau. Admission is \$2.50 for adults, \$1.50 for children. Call 535-5796 for more information.

MIDSTATE EPILEPSY Association meets at 7 p.m. Wednesday in the lower level meeting room of the Midstate Epilepsy office. For transportation, call 341-5611 by noon Tuesday.

ST. JOHNS COURT No. 1867 Catholic

Engagements

Michel-Check
The engagement of Deborah Michel and Duane A. Check is announced.

Parents of the couple are Jerome and Lucy Michel, Colorado Springs, and Robert and Margaret Check, 537 W. Casimir Road.

Michel is a 1988 graduate of Overland High School, Denver, and attended Colorado State University, Fort Collins, Colo., from 1988 to 1990. She is a 1991 graduate of Swedish Medical Center, Denver, having received training as an emergency medical technician. She is employed as a director of activities at Cherry Creek Nursing Campus, Denver.

Check, a 1985 graduate of Pacelli High School, is a 1988 graduate of the Air Force Community College. He is a senior airman serving as a precision maintenance equipment laboratory specialist at Grand Forks Air Force Base, Grand Forks, N.D.

A Nov. 12 wedding is planned.

Lincoln Center. Public is welcome. Cost is \$2.50. Lessons and dancing class. For more information call 941-6514.

ODD FELLOWS meets at 7:30 p.m. Wednesday at Odd Fellows Temple.

SENIOR CITIZENS' card clubs meet at 1 p.m. Tuesday and Thursday for pinocle at the Stevens Point Parks and Recreation Department. Anyone interested in joining can call 341-5294.

SWEET ADELINES International rehearses at 7 p.m. Tuesday at Harmony House, 3500 Harmony Lane. Visitors welcome. For more information call 344-6570.

URANTIA BOOK Study Group meets at 7 p.m. Tuesday. Current study and discussion focuses on an introductory session on the Urantia Book. For more information, call 344-1177 or (801) 872-8462. Serious spiritual seekers welcome.

A COURSE in Miracles Book Study Group meets at 7 p.m. Wednesday. Current study and discussion focuses on an introductory session and exper-

ROSHOLT SENIOR Citizens meets at 1 p.m. Wednesday at the Rosholt American Legion Hall.

PAST NOBLE Grand of Barbara Rebekah Lodge No. 9 meets at 1 p.m. Wednesday at the Odd Fellows Hall.

CENTRAL WISCONSIN Network plans a social hour and dancing at 8:30 p.m. Thursday at David Harold's, Wisconsin Rapids.

GALAXY ROUND Dances Club meets from 7:30 p.m. Tuesday at the

'See Spot run'

Reading primers' characters remembered fondly by baby boomers

File M. Leary
EDITOR'S NOTE — It's been more than 20 years since they dropped out of site, banished from the nation's classrooms because they were too middle-class. But Dick and Jane and their dog Spot will long be remembered by the baby boomers and their parents who learned to read by following their backyard adventures.

By **MARSHA SLUD**
Associated Press Writer
RICHMOND, Va. (AP) — The squeaky-clean siblings who helped millions of American schoolchildren learn to read still have a place in the hearts of many grown-ups.

Dick and Jane, the wholesome duo who immortalized phrases such as "See Spot run," disappeared from most classrooms more than 20 years ago, but kindergarten and first-grade readers featuring Dick, Jane, Father, Mother, baby Sally, Spot the dog, Puff the kitten and their trouble-free world are making a comeback among nostalgic baby boomers and cultural historians.

The readers, published from 1950 until 1985, can fetch hundreds of dollars apiece from collectors and have become sources of serious study among educators about gender stereotypes and American cultural values in textbooks.

Interest also led to the opening of two, unrelated exhibitions on the history of the primers and their cheery illustrations.

The Richmond Public Library's "The Story of Dick and Jane," recently opened, and "Dick and Jane: Illustration of an American Education" is on display through Sunday, March 27, at the Lakeview Museum of Arts and Sciences in Peoria, Ill.

The books went out of print after criticism that the white, middle-class family lacked ethnic diversity and perpetuated gender stereotypes.

But today, Dick and Jane bring back happy memories for millions of adults, especially those who grew up

in the 1940s and 1950s when the primers were used in more than half of American school systems, says Ellen Siddall, who helped organize the Richmond book exhibit.

"It's a book that presents middle-class American family characteristics that are really hard to argue with," says Siddall, who immigrated to the United States from Latvia when she was 8 and learned English through Dick and Jane books.

"Most people will tell you that it was wonderful to come to school and have a relationship with this idealized family."

"When you place the book in their hands, their eyes light up. This started them on a lifelong joy of reading."

— James Keeline
San Diego

Dick and Jane were created in 1957 by Zerna Sharp, a reading consultant for textbook publisher Scott, Foresman and Co. of Glenview, Ill.

She selected the names Dick and Jane for their main characters because they were easy to read and enunciate, says Louise McNutt, a former editor of the teacher's guidebooks that accompanied the textbooks.

The publishers' method was to use simple words to tell stories that would be easy for children, gradually introduce new vocabulary and illustrate the plot, says McNutt, who retired from Scott, Foresman in 1977.

"Children could follow the action very easily," she says. "They learned beautifully."

Although millions were produced, only about 1 of every 1,000 Dick and Jane readers exists today as a potential collectible, says James D. Keeline, manager of Prince and the Pau-

per Collectible Children's Books in San Diego.

Keeline thinks the readers often were destroyed when new editions came out every five years, unless a teacher held onto them or a student made off with a copy.

Scott, Foresman keeps an almost-complete set of the approximately 100 different Dick and Jane readers and teacher's guides at its headquarters in Glenview.

Visitors can make appointments to view the books, but the books almost never are allowed out of the building anymore, says Judy Besterfeld, man-

ager of library services for the company.

Originals sell for \$75 to \$300, depending on their condition and how prominent a role Dick and Jane themselves played in the stories, Keeline says. Only classic series such as Nancy Drew and Tom Swift are in higher demand, he says.

Keeline says few children's books evoke emotion in adults the way Dick and Jane readers do.

"When you place the book in their hands, their eyes light up," he says. "This started them on a lifelong joy of reading."

Bill Clinton reminisced fondly during his presidential campaign about his grandparents reading the books to him, and he reportedly still has an old Dick and Jane reader in his library, says Dave Thompson, who last year produced the PBS documentary "Whatever Happened to Dick and Jane?"

But it was too little, too late.

Engagements

Michel-Check
The engagement of Deborah Michel and Duane A. Check is announced.

Parents of the couple are Jerome and Lucy Michel, Colorado Springs, and Robert and Margaret Check, 537 W. Casimir Road.

Michel is a 1988 graduate of Overland High School, Denver, and attended Colorado State University, Fort Collins, Colo., from 1988 to 1990. She is a 1991 graduate of Swedish Medical Center, Denver, having received training as an emergency medical technician. She is employed as a director of activities at Cherry Creek Nursing Campus, Denver.

Check, a 1985 graduate of Pacelli High School, is a 1988 graduate of the Air Force Community College. He is a senior airman serving as a precision maintenance equipment laboratory specialist at Grand Forks Air Force Base, Grand Forks, N.D.

A Nov. 12 wedding is planned.

Campus News

Amy Anrud, daughter of Jane Anrud, Stevens Point, and Olaf Anrud, Stevens Point, has been honored for her performance in the Southwestern Company's 1993 summer marketing program.

Anrud is a 1992 graduate of Stevens Point Area Senior High School and is attending Luther College, Decorah, Iowa.

Anrud earned the company's Su-

News of Organizations

Duplicate Bridge Club
Winners of the Stevens Point Duplicate Bridge Club play on Wednesdays were Jean Singh-Tom Rowe, Jerome and Carol Luebeck, and Doug Aune-Bob Clark.

The club plays at 7 p.m. Wednesday at Lincoln Center.

VETERANS OUTREACH counseling program for Vietnam-era veterans is available. For more information, call 344-2016.

12-STEP Recovery meeting is from 6:30 to 7:30 p.m. Tuesday at St. Paul's United Methodist Church. Use door two. Anyone working the 12-steps is welcome.

A CLOSED meeting of Alcoholics Anonymous is at 8:30 p.m. Tuesday p.m. at Peace Campus Center.

ADULT CHILDREN of Alcoholics and Dysfunctional Families meets at 8 p.m. Tuesday at Peace Lutheran Campus Center, 1517 Maria Drive, in the basement. Non-smoking meeting.

Engagements

Steinke-Sale
The engagement of Lori Steinke and Duane Sale is announced.

Parents of the couple are Pat Steinke and Duane Sale, Stevens Point, and Duane Sale, Stevens Point.

Steinke is a 1988 graduate of Stevens Point Area Senior High School, Stevens Point.

Sale is a 1988 graduate of Stevens Point Area Senior High School, Stevens Point.

Sale earned the company's Super Sales Case Award and has been asked to return as a student manager in the summer program.

Steinke earned the company's Super Sales Case Award. She has been asked to return as a student manager in the summer program. Her selection was based on initiative, self-motivation and determination.

WINDOW TREATMENTS

50% and 60% Off

Excludes Specialty Items

Now through March 26!

DuPont's PAINT & LIGHTING

1927 The Plaza, Stevens Point, WI 54481

"Simply Spring"
7th Annual Arts and Crafts Fair

- Over 70 artists
- Favorites from Tinselt Trail
- Many new artists
- Easter Sweet Shop

Sunday, March 20, 1994
10:00 - 4:00 p.m.

Holiday Inn - Stevens Point
Admission: \$1.00

Sponsored by:
Stevens Point Junior Woman's Club
Ad sponsored by Power Family Practice and Mt. Mid State Bank N/A

GOOD MOVES PATIENT SERVICES

Dr. James D. Miller Has Joined The Family Practice Department Of The Rice Clinic Medical Center

Dr. Miller's office will be closed Monday, March 14 to accommodate his move. Tuesday, March 15 his office will open in the Medical Arts Plaza on Hwy 66. Dr. Miller was formerly located at Doctor's Park, 316 Vincent Street.

RICE CLINIC MEDICAL CENTER
Rice Clinic Family Practice, Medical Arts Plaza - HWY 66, 344-9094 Office Hours 8 a.m. - 5 p.m.

"For any of your real estate needs, call me . . . I would be happy to help you with your buying or selling needs."

Pam Skaleski

Stevens Point Better Homes Realty

490 Division St. 341-1000 Pam Skaleski

Jet Stream

AAA Members
Receive a 20% Discount

3340 Church St., Stevens Point WI 54481-2500

CHEMISTRY DEPARTMENT NEWSLETTER



SPRING 1994

TO THE POINT

Jack K. Reed
Editor

We continue to be pleased by the number of you that respond to our newsletter. This is one of the few ways that we have to keep in touch. I was especially pleased by the extensive letter written to us by Manny and Judy Arco. However, after posting it on the Department bulletin board for all to read, it was disposed of before I had a chance to excerpt it for the Newsletter. Sorry.

I find it hard to believe that it has been three years since our last newsletter. I will try to do better in the future in getting these out in a timely fashion.

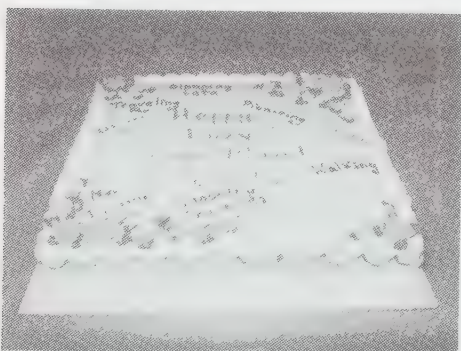
♪ Ain't it funny how time slips away...♪

DEPARTMENT NEWS

In 1991 Hewlett-Packard donated a gas chromatograph/mass spectrometer system to us. We were one of only eighteen departments in the country to receive this equipment as part of their HP Grant Program. In that program HP invited proposals from forty colleges and universities from undergraduate, graduate, and minority institutions that have "demonstrated leadership in the use of instrumentation as part of the undergraduate curriculum."

Mike Brown, who has a biochemistry major and a zoology major from UW-Milwaukee, has been hired as our new stockroom manager.

Lolita Engebretson, our Department secretary for 28 years, has retired. See the feature article on Lolita later in the Newsletter.



Lolita's retirement cake

Deb Kuenzi, our stockroom manager, resigned two years ago. She and her husband, Mike Irish, moved to Houghton, Michigan, where Mike (a jazz musician) has joined the faculty at Michigan Tech. Deb returned to school to complete her major in chemistry so that she can become certified for secondary education.

Proposals have been sent to Madison that will add **Polymer Options** to both our chemistry major and our ACS certified chemistry major. This program, having been developed under the leadership of Paul Hladky and John Droske, will feature courses in materials science, the organic and physical chemistry of polymers, and polymer laboratory. This program is the first of its kind in the State.

A major **Science Building renovation and remodeling** project will soon begin in the original wings of the Science Building. A major overhaul, including the addition of air conditioning, is planned. The Department of Chemistry will benefit greatly, as many of our labs will be completely redone. If work isn't completed by September as expected, we may be calling you for sturdy card tables.

FACULTY NEWS

Robert Badger continues his work to improve the computing capability of the Department. We have all been badgerized to the point of no return. Computers uber alles!!

Stephen Bondeson, a physical chemist from Duke University and UWSP, has recently been promoted to professor. He is a leader of curriculum innovation and reform.

Jim Brummer, a physical chemist from Washington State University, has been promoted to Associate Professor and was given tenure in the Department. He recently received a grant from the NSF Instrumentation and Laboratory Improvement program for the purchase of lasers for instruction and research.

David Chitharanjan was appointed Associate Vice Chancellor for Academic Affairs in 1989. After three years he saw the folly of his ways and returned to the classroom full time. His students are the big winners in this turnabout.

John Droske has received a multi-year grant from NASA to support his work on polymer composites capable of withstanding high temperatures for extended periods of time. As director of the POLYED National Information Center for Polymer Education, which is housed in our Department, John has also received a large grant from NSF to develop mechanisms to incorporate topics in polymeric materials into the undergraduate curriculum.

Carl Farnsworth, former editor of the Alembic (Central Wisconsin Section of the ACS Newsletter), continues to serve the Department in many ways. He is the classroom scheduler par excellence.

Paul Hladky joined our staff in 1990. A recent graduate from the University of Minnesota, Paul is a physical chemist with special interests in physical polymer chemistry.

Eugene Johnson has just completed a six year stint as Associate Dean in the College of Letters and Science. He returned full time to the Department of Chemistry in the Fall of 1992. He is currently in Australia, leading the University's Semester Abroad program in that country.

C. Marvin Lang continues to be very active in the national ACS governance structure, where he serves on the Board of Directors. Many of you have undoubtedly read his commentaries in C&EN. Marv is also on the planning committee for the Smithsonian's *Science in American Life* exhibit.

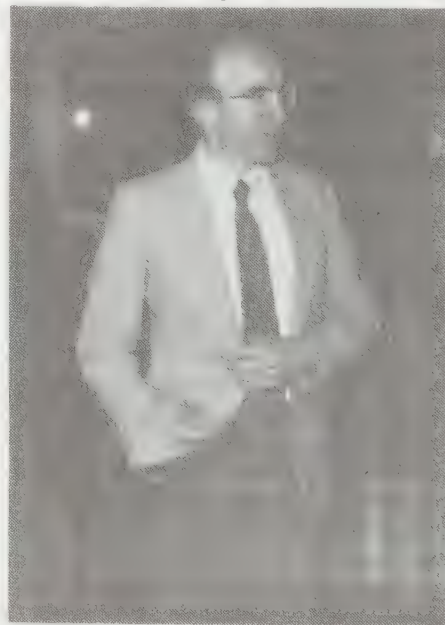
Philip Marshall, after resigning in 1989 as Chancellor of this University, taught general chemistry (Chem 105) in the Fall for three years. Following the Fall, 1991 semester, Phil and his wife Helen returned to Port Ludlow, Washington to enjoy their retirement. At Phil's retirement party the Department presented Phil and Helen with official "cheese-head" caps.

Douglas Radtke continues his dedicated work in the classroom and throughout the campus. Because of an early retirement agreement that he has signed, he is very busy these days.

Jack Reed is currently chairing a university-wide Curriculum Task Force, whose assignment has been to "ascertain the essential content, knowledge and skills necessary for the students of the 90s and beyond." Their recommendations, which included the adoption of 14 skills and knowledges, were adopted by the Faculty Senate last Spring. The Task Force is currently working with the General Degree Subcommittee to ascertain how the current general degree requirements fit with this array of expectations. Rumors that all incoming freshmen will be required to take 15 credits of chemistry are probably untrue.

Ray Sommers has retired, effective May, 1992. He is currently teaching half time. A feature article on Ray can be found elsewhere in this Newsletter.

Tom Zamis, a UWSP graduate in 1976, joined the faculty in 1990. A biochemist, Tom received his Ph.D. at the University of Nebraska-Lincoln. Before coming to Stevens Point, Tom was on the faculty at the Colorado School of Mines for nine years.



Stephen Bondeson

RAYMOND SOMMERS RETIRES

Ray Sommers, who has taught in the Department of Chemistry for 30 years, retired in May, 1992. He has been teaching part time with us since then.

Ray joined our staff in 1962, after having received his B.S. in Chemistry from UWSP and his Masters and Ph.D. from the Institute of Paper Chemistry. Ray originally intended to study conservation at UWSP. However, after taking chemistry from Roland Trytten, he was converted into a chemist forever.

Throughout his career at UWSP Ray taught a wide variety of courses, including general chemistry, quantitative analysis, and intermediate analytical chemistry. Ray was a constant innovator in his classes. He wrote many new experiments, and he created computer simulations and data handling programs.

Ray led the Department in many aspects. He was our first "computer pusher" as we were introduced into the computer age. In the mid-1960s, he taught a first-of-a-kind course for paper mill chemists. He was later appointed to a committee that planned the University's major in pulp and paper chemistry, which later become the current paper science major.

For each of the past three years Ray has been the Department of Chemistry nominee for the University Excellence in Teaching Award. The following student comments highlight why he has been so popular.

"It was evident that Dr. Sommers is stimulated by chemistry and enjoys fostering that relationship in his students."

"Dr. Sommers reflects excellent teaching ethics and human relation skills."

"Not only did I find Dr. Sommers' teaching methods superior, I also found him to be a very caring individual."

Ray plans to share his retirement with his wife, Kathleen, their 14 children and two grandchildren. He is also very active in his church, camping, fishing, electronics, and ham radio. I'm sure all of you join us in wishing Ray a long and blessed retirement.

LOLITA ENGEBRETSON RETIRES



*Carroll Tilton & Lolita Engebretson
(before she bashed the computer)*

Lolita Engebretson, Department of Chemistry secretary for 28 years, retired on June 1, 1993. This occasion was celebrated by a retirement dinner at the High Court in the SentryWorld Sports Center. More than 40 colleagues, past and present, joined in that celebration. Besides the well-deserved tributes that many paid to her, the highlight of the evening was when Lolita, decked out in a lab coat and safety glasses, was given a wooden hammer and viciously attacked a computer. Bob Weaver, another computer lover, spontaneously joined in the assault. After the uproar died down, Lolita proudly declared, "That felt so good. I should have done it years ago!" Many of the pictures in this newsletter were taken at that event.

As many of you know, a lot has happened in the Department of Chemistry during the last 28 years. When Lolita was hired, she worked behind the desk in the lobby near A121 (Trytten Lecture Hall). Initially she and one other woman were secretaries for the entire building. There were five telephones, one typewriter, and one ditto machine in the building. When the Administration realized that this workload was unmanageable, each woman was assigned to two departments. Since the other secretary selected Biology and Geography, Lolita was left with Chemistry and Physics. After a relatively short time with this arrangement, Lolita became our full time secretary.

Lolita's plans for the future are unclear. She plans to spend much time with her extended family (three sons and their families). During much of the summer she will be at her campground in Plover. I'm sure you join us in wishing her a long and healthy retirement.

DEBBIE SOMERS JOINS DEPARTMENT

Debbie Somers, a life-long resident of Stevens Point, has joined the Department of Chemistry as its department secretary. She has previously worked in several offices in the university, most recently as department secretary in the Department of Medical Technology. In addition to Debbie's professional interests, she is on the City of Stevens Point's Park Board and is on the Board of Directors of the Blue Line Club, a support organization for Pointer hockey.

TRYTTEN FUND UPDATE

Earlier this summer you should have received an invitation to participate in the establishment of an endowment for the Trytten Fund, named for emeritus professor Roland "Tryt" Trytten. As you may recall, this Fund, which will be administered by the Department of Chemistry, has five objectives: (1) to support the Trytten Award, which recognizes outstanding performance in freshman chemistry by a major, (2) to provide four year scholarships each year to incoming freshmen, (3) to support the colloquium program of the Department, including the creation of the Trytten Lecture Series, (4) to support research of upper division students, and (5) to recognize outstanding teaching by Department of Chemistry faculty and academic staff.



Loreen & Roland Trytten - 1994

Because of your response, we are in the process of creating the first Trytten Lectureship (see accompanying article) and of establishing one or more four year scholarships for incoming freshmen. None of this would be possible without your support.



Roland & Loreen Trytten - 1942

FIRST ANNUAL TRYTTEN LECTURE ANNOUNCED

The Department of Chemistry is proud to announce the first Trytten Lecture, which will be delivered by Dr. Alfred Bader, past president of Sigma-Aldrich Chemical Company and long time friend of the Department. The lecture will be given on Friday evening, May 8 and will be preceded by dinner. Tom Nikolai, from the Marshfield Clinic, will be the emcee for the evening. As alumni you will be sent a special invitation later this Spring. However, you may wish to mark May 8 on your calendars NOW. We expect this to be a very special evening.

First Annual Trytten Lecture

The Department of Chemistry is proud to announce the First Annual Trytten Lecture, which will be held at 7:30 P.M. on **Friday, May 6, 1994**, in the Wisconsin Room of the University Center on the UWSP campus. The lecture is made possible by proceeds from the Trytten Fund. The featured speaker is **Dr. Alfred R. Bader**, founder of Aldrich Chemical Company and former CEO of the Sigma Aldrich Company. A collector and restorer of major art works for many years, Dr. Bader will speak on "The Rembrandt Research Project and the Collector."

We hope that you will be able to join us for this special occasion. We would appreciate your support for the Trytten Fund and the Lecture Series by sponsoring one or more of our students to this dinner. So that we may plan accordingly, please make your reservations by April 30, either by mail, by telephone (715+346-2888), or by email (jreed@uwspmail.uwsp.edu). The complete schedule for the evening follows.

Social Hour with Cash Bar 5:00 P.M.
Dinner 6:00 P.M.
Program 7:30 P.M.
Dr. Bader's Address 8:00 P.M.

Please make your check payable to:
Chemistry Department

.....

First Annual Trytten Lecture

Name _____

Address _____

Telephone _____

Please detach form and return it along with your payment to:

Dr. Jack K. Reed, Chair

Chemistry Department

UW-Stevens Point

Stevens Point, WI 54481

I would like _____ reservations @ \$17.50; I would like to sponsor _____ student reservations @ \$17.50.

Total amount enclosed \$ _____

noiriquaſe

UNDERGRADUATE RESEARCH STUDENTS

The department encourages upper division students to apply for various research opportunities, many of which occur in the summer. The following students have attended special research programs, all of which were in the summer except the SERS semester awards.

1991

Henry Charlier - Science and Engineering Research Semester (SERS), Argonne National laboratories
Julie Day - UW-Stevens Point
James Iverson - UW-Stevens Point
Don Krogstad - University of Minnesota
Chad Mistelle - Eastman Kodak, Rochester, NY
Deb Pakyz - UW-Stevens Point
Brad Savall - Science and Engineering Research Semester (SERS), Argonne National Laboratories
Nickolas Severin - University of Michigan

1992

Stephanie Alt - UW-Stevens Point
Shannon Czysz - UW-Stevens Point
Douglas Gold - University of Minnesota
Louise Harter - University of Oklahoma
Larry Koran - Science and Engineering Research Semester (SERS), Oak Ridge National Laboratory
Michael Maly - UW-Stevens Point
Michael Willis - Michigan State University

1993

Shannon Czysz - UW-Stevens Point
Jason Waldkirch - UW-Stevens Point
Stephanie Frederickson - UW-Stevens Point
Doreen Glodowski - Lehigh University

STUDENT AWARD WINNERS (1990-91, 1991-92, AND 1992-93)

Academy of Letters and Science

"Awarded to one graduating senior and one continuing student based upon above average achievement in the major, ability to write and speak clearly, diverse academic background, and demonstrated intellectual curiosity."

1990-91: **Bret Nordwig** - Shawano, WI
Richard Abreu - Wausau, WI
1991-92: **Don Krogstad** - Bird Island, MN
Stephanie Alt - Appleton, WI
1992-93: **Kara Braaksma** - West Bend, WI
Shannon Czysz - Wisconsin Rapids, WI

AMERICAN INSTITUTE OF CHEMISTS AWARD (AIC)

"To an outstanding graduating senior who, on the basis of a demonstrated record of leadership, ability, character, and scholastic achievement has shown the potential for the advancement of the chemical and chemical engineering professions."

- 1990-91: **Curt Czerwinski** - Stevens Point, WI
1991-92: **Don Krogstad** - Bird Island, MN
1992-93: **Louise Harter** - Wabeno, WI

UNDERGRADUATE AWARD IN ANALYTICAL CHEMISTRY

"To recognize students who will have completed their third undergraduate year and who display interest in and an aptitude for a career in analytical chemistry."

- 1990-91: **John Dix** - Kaukauna, WI
1991-92: **Nickolas Severin** - Kewaunee, WI
1992-93: **Andrea Dunn** - Wisconsin Rapids, WI

MERCK INDEX OUTSTANDING STUDENT AWARD

"To academic excellence in course work and demonstrated research ability and the potential for contributions to research and development."

- 1990-91: **Brett Nordwig** - Shawano, WI
1991-92: **Julie Day** - Ashland, WI
1992-93: **Douglas Gold** - Stevens Point, WI

WEAVER AWARD

"For outstanding performance in biochemistry by a chemistry major."

- 1990-91: **Noura Diqs** - Riyadh, Saudi Arabia
1991-92: **Chad Mistele** - Luxemburg, WI
1992-93: **Doreen Glodowski** - Rosholt, WI

CULVER-ROGERS AWARD

"To the second semester junior biology, chemistry, or physics major with the highest grade point average."

- 1990-91: **Katherine Geszvain** - Ixonia, WI (biology)
Nickolas Severin - Kewaunee, WI (chemistry)
1991-92: **Douglas Gold** - Three Lakes, WI (chemistry)
1992-93: **Randy Goethke** - Tigerton, WI (biology)
Jason Nagreen - Appleton, WI (physics)

KALLANDER AWARD

"For outstanding performance in junior chemistry courses by a major."

- 1990-91: **Nickolas Severin** - Kewaunee, WI
1991-92: **Douglas Gold** - Three Lakes, WI
1992-93: **Mark Ott** - Cross Plains, WI

ALUMNI: Please keep us informed!

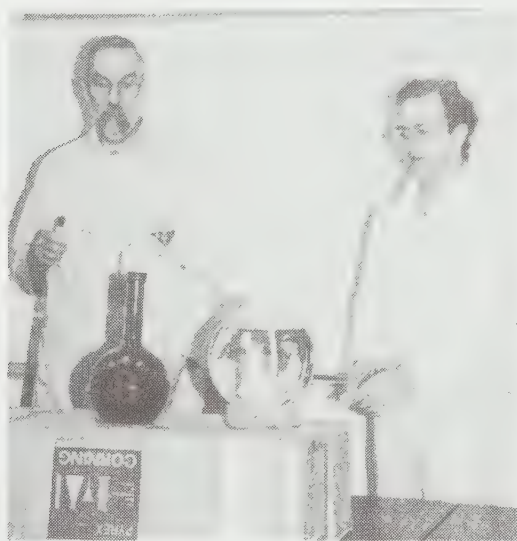
Keep up the good work of informing us of your activities. Information for the next newsletter, as well as responses for the Trytten Fund and the Word Find Contest, should be sent to:

Dr. Jack K. Reed
Department of Chemistry
University of Wisconsin-Stevens Point
Stevens Point, WI 54481

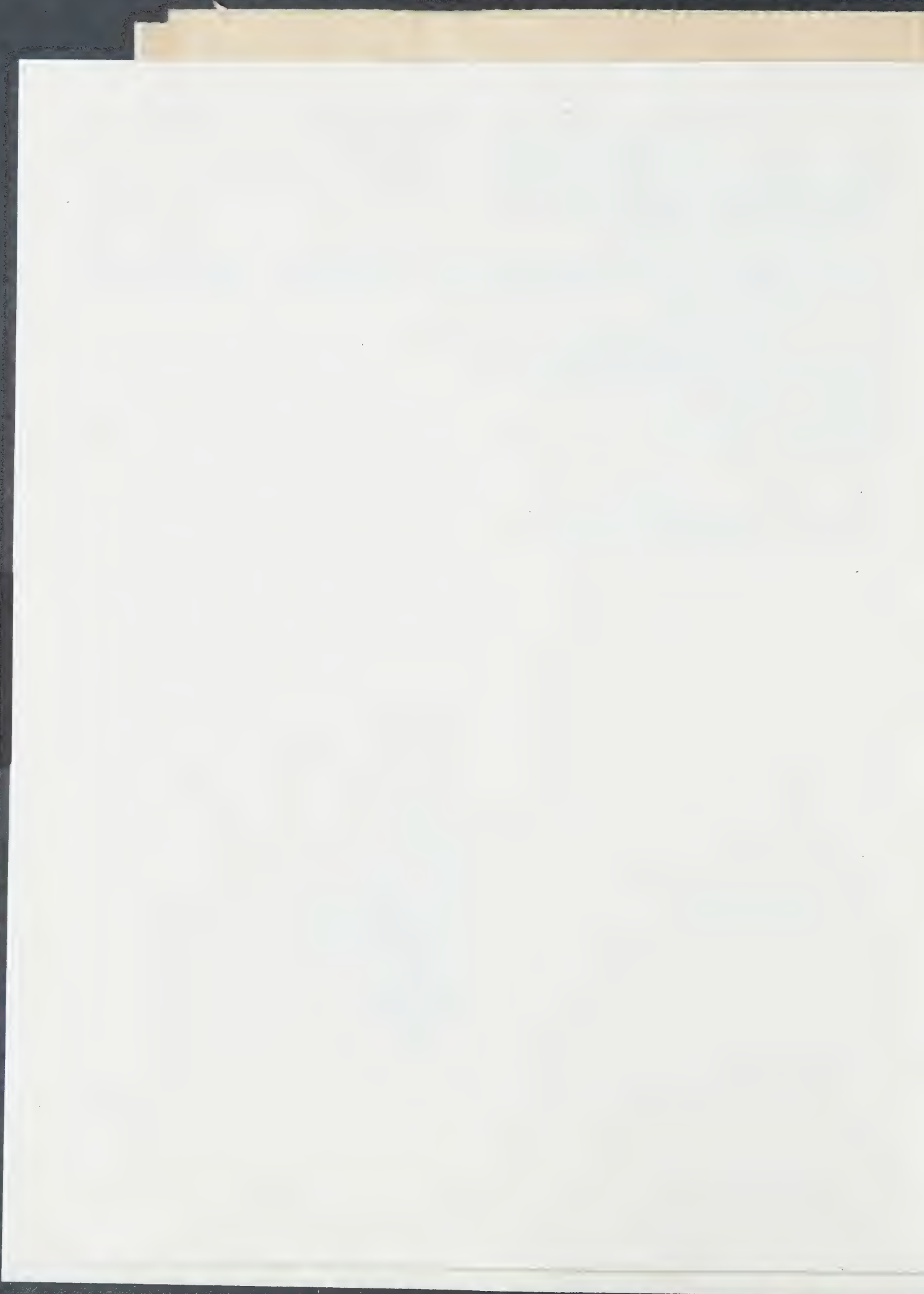
NAME _____
ADDRESS _____

INFORMATION FOR ALUMNI NEWSLETTER

WORD FIND: Number of words found _____
List all words found:



Don Showalter & Gary Shulfer "doin' demos"



ORGANIC CHEMISTRY ACHIEVEMENT AWARD

"To recognize the chemistry major with the most outstanding performance in sophomore organic chemistry."

- 1990-91: **Douglas Gold** - Three Lakes, WI
1991-92: **Patrick Gottsacker** - Sheboygan, WI
1992-93: **Paul Thomae** - Antigo, WI

FAUST AWARDS

"Outstanding performance in freshman chemistry by a major (one award) and in sophomore chemistry courses by a major (two awards)."

- 1990-91: **Mark Ott** - Madison, WI
Louise Harter - Wabeno, WI
Michael Maly - Antigo, WI
1991-92: **Paul Thomae** - Antigo, WI
Shannon Czysz - Wisconsin Rapids, WI
Mark Ott - Cross Plains, WI
1992-93: **Brent Hoerman** - Antigo, WI
Denise Reed - Hurley, WI
Paul Thomae - Antigo, WI

CRC FRESHMAN CHEMISTRY ACHIEVEMENT AWARD

"To the freshman who has had outstanding academic achievement in general chemistry."

- 1990-91: **Steven Schwarze** - Greenwood, WI
1991-92: **Dan Villeneuve** - Wisconsin Rapids, WI
1992-93: **Paul Landmann** - Appleton, WI

TRYTTEN AWARD

"For outstanding performance in freshman chemistry by a major."

- 1990-91: **Shannon Czysz** - Wisconsin Rapids, WI
1991-92: **Lisa Ponton** - Grafton, WI
1992-93: **Andrew Heimerman** - Oconto, WI

GOLDWATER SCHOLARSHIP

"For 250 nationally selected sophomore students who are in the upper quarter of their class and have demonstrated an interest in a career in mathematics or the natural sciences."

- 1990-91: **Douglas Gold** - Three Lakes, WI

COLLEGE CHEMISTRY STUDENT AWARD

Sponsored by the Central Wisconsin Section of the ACS, this award "recognizes a junior majoring in chemistry who has shown outstanding academic performance in the chemical sciences and who exhibits great potential for a career in chemistry or a chemically related science."

- 1992-93: **Michael Maly** - Antigo, WI

POLYED UNDERGRADUATE POLYMER RESEARCH AWARD

Sponsored by POLYED and the ACS Division of Polymer Chemistry, this award "recognizes outstanding undergraduate research in polymer chemistry."

1992-93: **Michael Maly** - Antigo, WI

UNDERGRADUATE SCIENCE RESEARCH AWARDS

Sponsored by the UW-Stevens Point Chapter of Sigma Xi, this award "recognizes outstanding achievement in scientific research."

1990-91 **Rick Abreu** - Wausau, WI
Brett Nordwig - Shawano, WI
Brad Savall - Pewaukee, WI

1992-93 **Stephanie Alt** - Appleton, WI
Kara Braaksma - West Bend, WI
Michael Maly - Antigo, WI

CHEMISTRY MAJOR GRADUATES

Over the last two years the following students have graduated from UWSP with a major in chemistry. Those with a * earned the ACS certified degree.

1990-91

Henry Charlier* - West Allis, WI
Curt Czerwinski* - Stevens Point, WI
Claude Dahlk* - Stoughton, WI
Noura Digs - Riyadh, Saudi Arabia
John Dix* - Kaukauna, WI
Greg Flak* - Bryant, WI
Ed Grygleski* - Tomah, WI
Jay Hunger - Schofield, WI
Jeff Kohn* - Wittenberg, WI
Brett Nordwig* - Wittenberg, WI
Joe Quartemont - Cudahy, WI
Brad Savall* - Pewaukee, WI
Karen Spreda - Plover, WI
Anne Stengl - Antigo, WI

1991-92

Julie Day - Ashland, WI
LeRoy Dobson - Jefferson, WI
Kelly Houston - Pittsville, WI
Larry Koran - Sheboygan, WI
Don Krogstad - Bird Island, MN.
Vonnett Kvam - Marinette, WI
Donna Lisk - Northbrook, IL
Tricia McGregor - Redgranite, WI
Mark Napierala - Waukesha, WI
Deborah Pakyz - Stevens Point, WI
Dan Pernsteiner - Medford, WI
Tom Schara - Wisconsin Rapids, WI
Kurt Sedo - Appleton, WI
Nickolas Severin - Kewaunee, WI
Scott Van Ornum - New London, WI

1992-93

Kara Braaksma - West Bend, WI
Scott Buchberger - Junction City, WI
Corey DeMarco - Wisconsin Rapids, WI
Andrea Dunn - Wisconsin Rapids, WI
Peter Glassbrenner - Eau Claire, WI.
Douglas Gold - Stevens Point, WI
Christopher Gross - Stevens Point, WI
Louise Harter - Wabeno, WI
Jeff Hutchison - Hortonville, WI
Rhonda Johnson - Northfield, MN
Christa Lahti - Tomahawk, WI
Todd Maeder - Stevens Point, WI
Maria Numsen - Stevens Point, WI
Karla Schuttenberg - Hatley, WI
Michael Willis - Vandyne, WI



"But, Rocky, you told me you were free at 11:00 to cover my class," laments Marv Lang.

FACULTY HONORS AND AWARDS

1990-91

Robert Badger - Department nominee, University Service Award; Service Award, Central Wisconsin Section of the ACS

James Brummer - Department nominee, University Scholar Award

Donald Showalter - Visiting Scientist Award, West Connecticut Section of the ACS

Raymond Sommers - Department nominee, University Excellence in Teaching Award

Kathleen Taft - Student Government Association nominee, Excellence in Teaching Award,

1991-92

Robert Badger - Department nominee, University Service Award

James Brummer - Department nominee, University Scholar Award

Donald Showalter - L&S Faculty Recognition Award

Raymond Sommers - Department nominee, University Excellence in Teaching Award

1992-93

Robert Badger - Department nominee, University Service Award

James Brummer - Department nominee, University Scholar Award

C. Marvin Lang - L&S Academy Special Service Award

Thomas Zamis - Department nominee, University Excellence in Teaching Award

ALUMNI NEWS

In this section of the newsletter we wish to pass along news about your fellow alumni. Most of the information comes from your responses to last year's newsletter.

Keith Beyer (1989) completed his graduate studies at MIT. His thesis involved fundamental chemical processes that affect ozone depletion. Keith is now on a post-doctoral appointment with the U.S. Department of Commerce in Boulder, CO

Greg Humphrey (1989) is a Technical Customer Service Engineer at Hoechst-Celanese Corporation in Pasadena, TX. After graduating from UWSP he served a one-year apprenticeship at Rochling Haren KG nad Hoechst in Germany studying the manufacture and processing of ultra high molecular weight polyethylene.

Troy Sprang (1989) is employed by Kimberly-Clark in Roswell, GA as a research chemist, where he is working to develop new and unique paper products for the tobacco industry. Troy is currently pursuing an MBA at Kenesaw State College.

Robert Wenta (1989), after spending a year in "purgatory," is currently employed by Swanson Environmental, Inc. in Brookfield, WI., where he performs all PCB, pesticide, and herbicide analyses. Bob defines purgatory as Houston, TX.

Becky Brockman-Schneider (1988) is a doctoral candidate in biochemistry at UW-Madison. Most of her work deals with plant molecular biology. She and her husband Mark are the proud parents of their newborn son, Kendall.

Holly Hintz (1988) is working on method development and validation for raw material and finished product assays at Schwarz Pharma in Milwaukee, WI. She is also a troubleshooter, using HPLC, GC, and UV-VIS methods predominantly.

Mary Hoffenbecker (1988) is a laboratory technician in the quality control lab at Daishowa in Rothschild, WI.

Jeff Kalinich (1988) recently received his law degree and has entered the PhD program in the Institute for Environmental Studies at UW-Madison. "While some in the Chemistry Department may be disheartened at the 'non-chemistry' nature of my endeavors, I would like to remind them of Professor Chitharanjan's lecture on the need for more specialization."

Linda Kurtz (1988) is a Chemical Safety Specialist at Northwestern University, where she manages the hazardous waste program for both the Evanston and Chicago campuses.

David Bartol (1987) is currently working for Abbott Laboratories in its Chemical Development Department, where he is involved in the manufacture of both new and well-established pharmaceutical drugs.

William Demmon, Jr. (1987) is currently employed with Aldrich Chemical in Sheboygan, WI. In his capacity in the Development Department, Bill performs "small scale (5 L to 50 L) production work." Bucket chemistry still lives!

Paula Johnson Vollmar (1987) is currently working as the Organic Laboratory Supervisor/Chemist at Davy Laboratories in LaCrosse, WI. Paula and her husband Jeff just finished building their home in LaCrescent, MN and are proud to announce the birth of their first child, Amy Elizabeth.

Paul Roth (1987) is a chemistry teacher at Baraboo High School. Enrollments in his classes have increased from 60 to 95 in four years! Good job, Paul.

Connie Trapp Tolppi (1987) received her M.S. in 1990 from Iowa State in Ames, IA. She has just completed a "stint" with the Army Reserves in Fort Sam Houston, TX. Her husband, **John**, who is also a UWSP graduate, is presently employed with Chemical Waste Management in Chicago, IL.

Steven Betts (1986) and Beth are proud to announce the birth of their first child - a son - in 1989. Steve reports that "He is a super kid." Steve, what is his name?

David Biggs (1986) currently works as an analytical chemist for James River Corporation in Neenah, WI. He enjoys YMCA, church, and musical activities in his spare time.

Laura Gentile (1986) has returned from two years in the Philippines, serving in the Peace Corps. Laura said that she enjoyed, among other things, climbing volcanoes. We are all glad that she did not make a habit of climbing Mt. Pinatubo.

Steven Klinner (1986) is employed by CR Industries, which is primarily an automotive supplier. Steven is the plant quality control manager responsible for rubber mixing, rubber testing, metal plating, and molding.

Wayne Koball (1986) teaches high school math, chemistry, and physics in Siren, WI.

Jeff Walkenhorst (1985) resides in Essexville, MI where he is a Technical Specialist for the Met Chem Division of Betz Laboratories. Jeff provides sales and technical service support for the "thumb" of Michigan. Before joining Betz, Jeff worked for AccuRay in several locations, including six months in Scotland. He also taught high school for a brief time at Wausau East High School.

Nancy Christensen (1983) completed her PhD in organic chemistry in 1989 from the University of British Columbia. She is currently a post-doctoral fellow at the University of Minnesota. In April 1991 Nancy returned to UWSP and gave us a seminar entitled "Synthesis, Reactivity, and Analysis of Some Organometallic Molybdenum Compounds." At that time she and her husband were expecting their first child very soon.

Daniel Lemke (1983) received his PhD in organic chemistry from the University of North Dakota. Dan is working for Lonza in Williamsport, PA. Dan and his wife have three children, four goats (Katie, Lena, Snow Flake and Alfalfa), four cows (Leo, Skinner, Raskel, Smokie and her four kittens), and one dog, Golden Boy. Dan is sad to report the deaths of ten turkeys (all named Tom), twenty-five unnamed chickens, and two pigs, Arnold and Ziffel. The names of the Lemke children were not mentioned.

Bonnie Pingel McMorro (1981) has "temporarily retired" from her product development/research position at Kimberly-Clark in Appleton to care full time for her two young children, Emily and Erin. Her husband **Jim** is also a UWSP graduate.

Brian Miller (1980) is employed by the U.S. Navy, first as a submarine officer and presently as an oceanographer/meteorologist.

Gregg Aiken (1979), his wife Kay, and their two year old son Erik (March 1989) enjoy living and working in the Fox Valley. Since 1988 Gregg has held the position of Senior Associate in Technical Services of Neenah Paper Division of Kimberly-Clark.

Stephan Schneider (1979) is a science instructor at Columbus High School in Marshfield, WI.

George Deeley (1977) has been a research chemist in the Environmental Sciences Department of Shell Development Company since receiving his PhD from the University of Oklahoma in 1984. George and his wife Betsy have two children, Shawn (13) and Courtney (10)

David Caruso (1972) is currently teaching science and math at Custer High School in Milwaukee. David is an admitted teller of untruths, having told Oliver Andrews, retired chem faculty, in 1974 that he was finished teaching chemistry. Welcome back, David. David was the Pointer quarterback before the "aerial circus" arrived.

Harold Jones, Jr. (1970) currently owns several businesses in Stevens Point. "It has been my pleasure to remain in the city I learned to love while at the University."

Gerald Reinke (1970) is Vice-President of Technology for Koch Materials, an asphalt manufacturing and marketing firm in St. Paul, MN. Gerry and his wife Kathy have three children, Braden (13), Matt (10), and Ashley (7). "I am happy to say that all enjoy science and math, although Braden's enthusiasm for biology has me a little puzzled!"

Ross Beier (1969) received his PhD in 1980 from Montana State and has been working since then for the USDA in their Food Animal Protection Research Labs, where he works in bio/organic chemistry, mass spectrometry, and other things that the editor can't read. Ross and his wife Janet Banknecht Beier have three children, Joshua (13), Samuel (11), and Jordan (0.17) "I think I need toothpicks to keep my eyes propped open after this new baby."

Randy Porubcan (1969) is president of R.P. Biochem, Inc. in Victoria, MN. He is involved in consulting and product development in biochemistry/microbiology and focuses on such areas as biopurification of water in aquaculture systems. Much of this activity is international in scope with emphasis in the Pacific Rim countries and South America.

Ron Sindric (1969) is currently teaching chemistry and mathematics at Southwestern Michigan College in Dowagiac, MI. He received his M.S. in Chemistry from Michigan Tech in 1973 as a synthetic carbohydrate chemist. Ron has continued with his photography. Amongst his many photo activities are his involvement as a staff photographer for the International Summer Special Olympics at Notre Dame.

Harold Kluender (1966) is a principal staff scientist for Miles, Inc. in West Haven, CT. Harold received his PhD from Wesleyan, CT in 1970 and was a post-doctoral fellow with E.J. Corey at Harvard and C.J. Sih at UW-Madison. At Miles Harold is active in prostaglandins, leukotrienes, and osteoarthritis research.

LeRoy Borchardt (1962) retired in 1989, having worked the previous 37 years in the Analytical group of the Institute of Paper Chemistry in Appleton, WI.

Ron Laessig (1962) is Director of the State Laboratory of Hygiene in Madison. This laboratory is Wisconsin's public health laboratory and serves our state by providing testing in all areas of health and environment. In 1990 Ron received the American Association for Clinical Chemistry Award for Outstanding Contributions through service to the Profession of Clinical Chemistry.

Chuck Richards (1960) is an Associate Professor of Chemistry/Astronomy at the UW Center-Marinette County.

Harry Helminiak (1936) retired in 1973 from his work in various hospitals as a staff nurse anesthetist and hospital administrator. He then began substitute teaching in chemistry in Eau Claire area high schools for three years. Harry and his wife Catherine (the former Catherine Specht from Marshfield) have four adult children and eight grandchildren.

WORD FIND

The name of Roland Trytten is a household word to chemistry graduates from UWSP. But what is really in a name? The inquiring Chemistry Department Newsletter wants to know. In an attempt to answer this burning question, we are challenging our readers to find all of the words in his name by participating in this year's Newsletter puzzle.

RULES

1. Find all words containing three letters or more that can be made from the letters in

ROLAND TRYTTEN

2. Letters may be used in any order.
3. Each letter in the name may be used no more than once in each word.
4. Proper names cannot be used.
5. Entrants should submit all words found on the entry form at the end of this newsletter.

Prizes

There will be two prizes awarded, one to the respondent with the most words identified, and the other to the respondent who locates the longest word. Winners will receive a turtle sundae from Belts. Winner must claim prize in person. In the case of ties, the sundae will be split between all winners!

ANSWERS

First Annual UWSP Department of Chemistry
Trivia Contest

The editor has decided to award turtle sundaes to the two people who both correctly calculated $X=0.256$ in last year's contest. We received many solutions (guesses?), the most common of which was 0 or 1. No, Wayne, it's not true that the answer "is always 0 or 1." The most interesting answer came from Jeff Kalinich, who said that "the value is nonexistent because you cannot validly multiply and divide nominal, ordinal and interval data." Really? In any event the answers follow:

- A. the atomic weight of calcium [40]
- B. the molecular weight of water [18]
- C. the number of sigma bonds in formaldehyde [3]
- D. the standard heat of formation of solid elemental barium in kcal/mole [0]
- E. the number of pounds per square foot that are equivalent to one ounce per square inch [9]
- F. the year in which Antoine Lavoisier published his first edition of "La traite elementaire de la chemie" [1789]
- G. the total number of points scored during the 1988-89 regular NBA season by Terry Porter, a UWSP alumnus [1431]
- H. the number of letters in the city where the author of the following cryptogram was born

"QNK QHDXPTK LFQN RNKZFUQU FU QNEQ RNKZFUQHE FU QDD NEHG ADH QNKZ."
ETPKHQ KFWUQKFW ["The trouble with chemists is that chemistry is too hard for them." Albert Einstein The answer is 3, because Albert Einstein was born in Ulm, Austria]

- J. the total number of vowels (A,E,I,O,U) in the following cryptogram, including those in the name of the author

"V CLRP ZB CPWVHLHVBZ VZ WLSVZQ HCLH, JTBN L MCVYBWBMCVKLY MBVZH BJ RVPD,
V AB ZBH XPYVPRE VZ HCP LKHELY PUEVHPZKP BJ LHBNW." LEQEWHPFEYP ["I have no hesitation in saying that, from a philosophical point of view, I do not believe in the actual existence of atoms. August Kekule" There are 50 vowels in this cryptogram]

Debbie Somers

Assignment: Chemistry Department Secretary
Office: D-129 Science Building
Phone: (715)346-2888

E-mail: dsomers@uwspmail.uwsp.edu

Technical Typist 2

Raymond A. Sommers

B.S., University of Wisconsin - Stevens Point;
M.S., Ph.D., Institute for Paper Chemistry, Lawrence University
Teaching: Analytical Chemistry
Research Interest: Applications of computers in instrumental and analytical chemistry with special emphasis on software design and integration.

Office: D-141 Science Building
Phone: (715)346-2485

E-mail: rsommers@uwspmail.uwsp.edu

Professor

Kathleen A. Taft

B.S., University of Wisconsin - Stevens Point
Teaching: Introductory Chemistry
Research Interests: Development of new laboratory simulations and AV programs in general chemistry and introductory biochemistry.

Office: B-118 Science Building
Phone: (715)346-3706

E-mail: ktaft@uwspmail.uwsp.edu

Senior Lecturer

Roland J. Thurnmaier

B.S., Bradley University; M.S., Ph.D., The University of Iowa
Teaching: Organic/Analytical Chemistry
Research Interests: Polymer chemistry including studies of continuous large-scale reactions, mechanical properties and morphology of polyurea/urethane, and the stereospecificity of bromine additions.

Office: B-150 Science Building
Phone: (715)346-3713

E-mail: rthurnmai@uwspmail.uwsp.edu

Assistant Professor

Steven M. Wright

B.S., Elmhurst College; Ph.D., Marquette University
Teaching: Analytical/Inorganic Chemistry
Research Interests: Studies and investigations in chemical education and environmental health and safety.

Office: D-140 Science Building
Phone: (715)346-3715

E-mail: swright@uwspmail.uwsp.edu

Professor

Thomas M. Zamis

B.S., University of Wisconsin - Stevens Point;
Ph.D., University of Nebraska - Lincoln
Teaching: Biochemistry

Research Interests: Enzyme isolation, characterization and reaction kinetics and mechanisms. Environmental chemistry with emphasis on free radical reactions that generate, or can remove, trace organic contaminants from natural waters.

Office: B-135 Science Building
Phone: (715)346-3258

E-mail: tzamis@uwspmail.uwsp.edu

Associate Professor

POLYED National Information Center for Polymer Education

POLYED is the joint education committee of two polymer divisions of the American Chemistry Society (POLY and PMSE). In 1989, POLYED established the *National Information Center for Polymer Education* in the Chemistry Department at the University of Wisconsin - Stevens Point. The POLYED Center serves as a clearinghouse for information on polymer education at all levels and it distributes resources to teachers throughout the United States. The Center offers "hands-on" workshops and sponsors various programs and activities at local, regional, and national meetings of teachers and professional chemists.

Office: D-115 Science Building
Telephone: (715)346-3703
FAX: (715)346-2640

Director: Professor John P. Droske
Program Assistant: Ms. Jean Strong

Chemistry

Department of Chemistry
Science Building

University of Wisconsin
Stevens Point, WI 54481-3897

Chairman:

Dr. Jack K. Reed

Secretary:

Ms. Debbie Somers

Stockroom Manager:

Mr. Michael Brown

Telephone: (715)346-2888

FAX: (715)346-2640



Chemistry Faculty and Staff
University of Wisconsin - Stevens Point

Office room numbers and direct telephone numbers are shown as well as electronic mail (Internet) addresses. Most faculty and staff members have voice-mail (Audix) and/or call-forwarding service. In addition, primary teaching and research or professional interests are indicated. All faculty and staff are also involved in the introductory courses offered by the Department

Robert C. Badger

Associate Professor
B.S., Ohio University; Ph.D., The University of Toledo
Teaching: Organic Chemistry
Research Interests: C-13 NMR of hindered tertiary alcohols, microscale laboratory experiments, and computer applications to chemistry.
Office: D-131 Science Building
Phone: (715)346-3700
E-mail: rbadger@uwspmail.uwsp.edu

Stephen R. Bondeson

Professor
B.S., University of Wisconsin - Stevens Point; Ph.D. Duke University
Teaching: Physical Chemistry
Research Interests: Magnetic resonance studies of molecular motions and computer modeling of macromolecules using fractal geometry.
Office: ~143 Science Building
Phone: (715)346-3714
E-mail: sbondeso@uwspmail.uwsp.edu

Michael R. Brown

Laboratory Technician 4
B.S., University of Wisconsin - Milwaukee
Assignment: Chemistry Stockroom Manager
Office: C-133A Science Building
Phone: (715)346-3759
E-mail: mbrown@uwspmail.uwsp.edu

James G. Brunner

Associate Professor
B.S., University of California; Davis; M.S., University of Montana; Ph.D. Washington State University
Teaching: Physical/Inorganic Chemistry
Research Interests: Excited state properties of transition metal complexes and applications of lasers to chemical phenomena.
Office: B-145 Science Building
Phone: (715)346-3328
E-mail: jbrunner@uwspmail.uwsp.edu

David P. Chitharanjan

Professor
B.S.(Hons), M.Sc., Annamalai University, Madras, India; Ph.D., Wayne State University
Teaching: Organic Chemistry and Medical Technology
Research Interests: Synthesis of nucleosides and unsaturated carbohydrate derivatives
Office: B-141 Science Building
Phone: (715)346-2297
E-mail: dchithar@uwspmail.uwsp.edu

John P. Droske

Professor and Director of POLYED Center
B.S., M.S., DePaul University; Ph.D., Colorado State University
Teaching: Organic/Polymer Chemistry
Research Interests: Synthesis and characterization of thermally stable polymers, electrically conductive polymers, and degradable polymers. Development of new experiments and demonstrations for use in chemistry courses.
Office: D-147 Science Building
Phone: (715)346-3771
E-mail: jdroske@uwspmail.uwsp.edu

Carl L. Farnsworth

Associate Professor
B.S., M.A., Ph.D., University of Texas at Austin
Teaching: Organic Chemistry
Research Interests: Development of new laboratory experiments and chemical demonstrations to be used in introductory or sophomore organic courses.
Office: B-149 Science Building
Phone: (715)346-4157
E-mail: cfarnsw@uwspmail.uwsp.edu

Patricia J. Gasque

Lecturer
B.S., University of Wisconsin - Stevens Point
Teaching: Introductory Chemistry
Office: B-137 Science Building
Phone: (715)346-3705
E-mail: pgasque@uwspmail.uwsp.edu

Paul W. Hladky

Assistant Professor
B.S., Ph.D., University of Minnesota
Teaching: Physical/Polymer Chemistry
Research Interests: Polymer physical chemistry; configurational properties of polymers in bulk solution and near barriers; equilibrium shapes of liquid droplets on surfaces.
Office: B-147 Science Building
Phone: (715)346-3711
E-mail: phladky@uwspmail.uwsp.edu

Eugene C. Johnson

Professor
B.A., West Georgia College; M.S., Ph.D., University of North Carolina at Chapel Hill
Teaching: Analytical Chemistry
Research Interests: Application of gas and liquid chromatography; atomic absorption and anodic stripping voltammetry, and gas chromatography/mass spectroscopy to chemical problems of analytical interest.
Office: D-142 Science Building
Phone: (715)346-2155
E-mail: ejohnson@uwspmail.uwsp.edu

C. Marvin Lang

Professor
B.S., Elmhurst College; M.S., University of Wisconsin - Madison; Ph.D., University of Wyoming
Teaching: Physical/Inorganic Chemistry
Research Interests: Application of electron spin resonance to the macro-molecular properties of binary fluids, the history of science, thermochemistry, and chemical demonstrations.
Office: D-145 Science Building
Phone: (715)346-3609
E-mail: cmlang@uwspmail.uwsp.edu

Douglas D. Radtke

Professor
B.S., University of Wisconsin - Stevens Point; Ph.D., University of Wisconsin - Madison
Teaching: Physical/Inorganic Chemistry
Research Interests: Molecular orbital calculations and other computational projects of interest to students of physical chemistry.
Office: D-144 Science Building
Phone: (715)346-4122
E-mail: dradtke@uwspmail.uwsp.edu

Jack K. Reed

Professor and Chairman
B.S., University of Michigan, Ann Arbor; Ph.D., University of Wisconsin - Madison
Teaching: Organic Chemistry
Research Interests: Synthetic and mechanistic studies involving β , γ -unsaturated ketones, and comparative investigations of 1,2- or 1,4-addition of Grignard reagents to para-substituted chalcone derivatives.
Office: D-129A Science Building
Phone: (715)346-2888
E-mail: jreed@uwspmail.uwsp.edu

Donalene Rogers

Lecturer
B.S., University of Wisconsin - Stevens Point
Teaching: Introductory Chemistry
Office: B-143 Science Building
Phone: (715)346-3709
E-mail: drogers@uwspmail.uwsp.edu

Donald L. Showalter

Professor
B.S., Eastern Kentucky University; Ph.D., The University of Kentucky
Teaching: Analytical and Inorganic/Radiochemistry
Research Interests: Environmental chemistry with special interest in analysis of samples for airborne radioactivity, and the development of chemical demonstrations to aid science education.
Office: D-146 Science Building
Phone: (715)346-3708
E-mail: dshowalt@uwspmail.uwsp.edu

Gary J. Shuller

Instructional Specialist
B.S., University of Wisconsin - Stevens Point
Teaching: Introductory Chemistry
Office: B-131 Science Building
Phone: (715)346-4138
E-mail: gshuller@uwspmail.uwsp.edu



CHEMISTRY SEMINAR

Josef Loschmidt,

The Father of Molecular Modeling

Speaker: Dr. Alfred R. Bader, CEO (ret.); Sigma-Aldrich

Place: D-101 Science Building, UW - Stevens Point

Time: 2:30 pm, Friday, 6 May 1994

****** ABSTRACT ******

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. That 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 O₃ 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 formulæ, 121 of which are aromatic. The famous German chemist, August Kekule, has generally been credited with being the first to describe benzene as a circular structure, in 1865. Later, he told how the idea came to him while on a bus in London or before a fire in Gent - 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, totally 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.

****** ABOUT THE SPEAKER ******

Alfred R. Bader is the retired Chief Executive Officer of Sigma-Aldrich Chemical Company, Milwaukee, Wisconsin. He earned a baccalaureate degree in chemistry from Queen's University, Kingston, Ontario, Canada. Too, he earned his M.Sc. from Queen's. In 1950 he earned his Ph.D. in Organic Chemistry under Professor Louis Fieser at Harvard University. Simultaneously, he also earned a BA in Art History. Dr. Bader's interest range from novel organic syntheses to collecting and restoring 17th century Dutch masters ... especially paintings by Rembrandt.

POSTER SESSION

The seminar will be preceded by the Chemistry 496 Poster Session which will be held in the Fourth Avenue Foyer of the Science Building beginning at 1:15 pm. A separate program booklet is available (D-129) describing each poster paper.

REFRESHMENTS WILL BE SERVED

CHEMISTRY SEMINAR

Josef Loschmidt,

The Father of Molecular Modeling

Speaker: Dr. Alfred R. Bader, CEO (ret.); Sigma-Aldrich

Place: D-101 Science Building, UW - Stevens Point

Time: 2:30 pm, Friday, 6 May 1994

****** ABSTRACT ******

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. That 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 O₃ 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 formulæ, 121 of which are aromatic. The famous German chemist, August Kekule, has generally been credited with being the first to describe benzene as a circular structure, in 1865. Later, he told how the idea came to him while on a bus in London or before a fire in Gent - 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, totally 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.

****** ABOUT THE SPEAKER ******

Alfred R. Bader is the retired Chief Executive Officer of Sigma-Aldrich Chemical Company, Milwaukee, Wisconsin. He earned a baccalaureate degree in chemistry from Queen's University, Kingston, Ontario, Canada. Too, he earned his M.Sc. from Queen's. In 1950 he earned his Ph.D. in Organic Chemistry under Professor Louis Fieser at Harvard University. Simultaneously, he also earned a BA in Art History. Dr. Bader's interest range from novel organic syntheses to collecting and restoring 17th century Dutch masters ... especially paintings by Rembrandt.

POSTER SESSION

The seminar will be preceded by the Chemistry 496 Poster Session which will be held in the Fourth Avenue Foyer of the Science Building beginning at 1:15 pm. A separate program booklet is available (D-129) describing each poster paper.

REFRESHMENTS WILL BE SERVED



UW-Stevens Point
Department of Chemistry

FIRST ANNUAL
TRYTTEN LECTURE



Alfred Bader, CEO (retired)
Sigma-Aldrich Chemical Corporation

"The Rembrandt Research Project and the Collector"

Friday, May 6, 1994
8:00 P.M.

Wisconsin Room, University Center

Roland Trytten, "Tryt," after whom this Lecture Series is named, taught in the Department of Chemistry at UWSP for 38 years, from 1945 to 1983. He served as chair of the Department for 24 of those years, from 1947 to 1972. When he arrived in 1945, he was one of three faculty members. Needless to say, Tryt taught nearly everything in those early years. As the Department grew, Tryt's teaching assignments were most frequently in the areas of general chemistry and quantitative analysis.

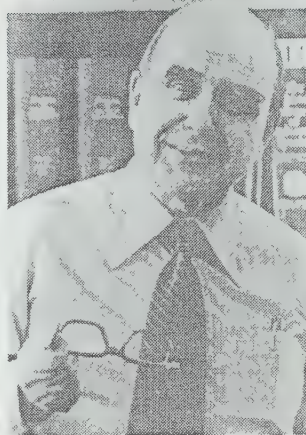


Roland Trytten was a creative leader. He served on the steering committee that worked for the creation of the Central Wisconsin Section of the American Chemical Society, whose region had previously been part of the Wisconsin Section, which was headquartered in Madison. He also provided inspiration and leadership for the initial creation of the UWSP paper science major, which was originally established as a Department of Chemistry program.

Tryt was born Roland Aaker Trytten on October 15, 1913 in Tower City, North Dakota. He earned his B.S. from St. Olaf College in 1935 and his Ph.D. from UW-Madison in 1941. After one year as a quality control chemist for Kimberly-Clark in Niagara, Wisconsin, he joined the chemistry staff at Ripon College and taught there until 1945. Then he moved to Central State Teachers College in Stevens Point.

In 1990 the Department of Chemistry honored Roland by naming A121 Science the "Roland A. Trytten Lecture Hall." At those festivities Tryt noted that this honor being bestowed on him was really the second such recognition. Early in his career, he wryly noted, he received his first recognition when "the radioactive isotope of hydrogen was named tritium." The establishment of the Trytten Lecture Series, and the presentation of the first lecture in this series tonight, is another tribute and testament to the remarkable career of Roland A. Trytten.

Alfred Bader, scientist, industrialist, art historian and philanthropist, was born in Vienna in 1924. Wartime stays in England and Canada led to Queens University, where he earned a B.Sc. in Chemical Engineering, a B.A. in History, and a M.Sc. in Organic Chemistry. After working as a chemist for Murphy Paint Company, he went to Harvard, completed his Ph.D. in Organic Chemistry and returned to Murphy. In 1951 he began the Aldrich Chemical Company, which he ran part-time out of his garage in Milwaukee. In 1954 he worked full-time on his fledgling new company, which became the world's foremost supplier of high-quality fine chemicals. Aldrich merged with Sigma Chemical Company in 1975, creating the Sigma-Aldrich Chemical Corporation, which Dr. Bader chaired until his recent retirement.



Alfred Bader has had a life-long avocation of collecting and restoring art. The catalog of the Aldrich Chemical Company has always been unique in that its front cover was always a painting from his personal art collection. Dr. Bader is widely recognized as an expert on techniques for restoring art. Over the past forty years he has built up a significant collection, specializing in Dutch 17th century paintings of Rembrandt. His knowledge of art is widely recognized; twice he has served as guest curator for exhibitions at the Milwaukee Art Museum, including *The Detective's Eye; Investigating The Old Masters*. Across the country and around the world, Dr. Bader has shared his remarkable expertise of chemistry and art by giving lectures and seminars on *The Chemistry of Art Restoration* and *The Bible Through Dutch Eyes*.

Dr. Bader launched the periodical *Aldrichimica Acta* to disseminate chemical reviews by leading chemists. Through his leadership and benevolence, the *ACS Award for Creative Work in Synthetic Organic Chemistry*, the *ACS Bader Award for Creative Research in Bioorganic and Bioinorganic Chemistry*, and *ACS Project SEED* (Summer Experience for the Educationally Disadvantaged) have been established and generously supported.

It has just been announced that Dr. Alfred Bader is to be the recipient of the 1995 *ACS Charles Lathrop Parsons Award* which recognizes his significant achievements in chemistry and their interpretation to society and the public-at-large.

Department of Chemistry Award Winners 1993-94

Trytten Award	<i>"Outstanding performance in freshman chemistry by a major"</i> Paul Winget - West Bend, WI
Faust Award	<i>"Outstanding performance in freshman chemistry by a major"</i> Mark Mehn - Berlin, WI
CRC Achievement Award	<i>"To the freshman with the most outstanding achievement in chemistry"</i> James Krenz - Merrill, WI
Faust Awards	<i>"Outstanding performance in sophomore chemistry courses by a major"</i> David Falkavage - Stevens Point, WI Lisa Swanson - Wisconsin Rapids, WI
POLYED Organic Chemistry Achievement Award	<i>"Most outstanding performance in sophomore organic chemistry by a chemistry major"</i> Gwyn Wheeler - Verona, WI
Kallander Award	<i>"For outstanding performance in junior chemistry courses by a major"</i> Aric Bacon - Hancock, WI
Weaver Award	<i>"Outstanding performance in Biochemistry by a major"</i> Michelle Maeder - Wausau, WI
Merck Index Award	<i>"Academic excellence and demonstrated research ability"</i> Stephanie Alt - Appleton, WI
Analytical Chemistry Award	<i>"Upper division student who displays interest in and aptitude for a career in analytical chemistry"</i> Stephanie Alt - Appleton, WI
American Institute of Chemistry Award	<i>"Graduating senior who, based upon leadership, ability, character, and academic records, has shown the potential for the advancement of chemistry and chemical engineering"</i> Aric Bacon - Hancock, WI
Academy of Letters & Science Awards	<i>"Excellent achievement in a variety of academic areas, ability to write and speak effectively, and demonstrated intellectual curiosity"</i> Mark Ott - Cross Plains, WI Lisa Ponton - Grafton, WI

Tryt's compassion for his fellow faculty and students is legendary. A soft-spoken gentleman with a unique sense of humor [some called it corny!], Roland was always warm and friendly toward everyone. For example, when hearing himself being called from down the hall, Tryt would invariably ask, "Friend or enemy?"

This uninhibited low-key approach put students at ease. His lectures were lively, yet organized. Everyone marvelled at his superb penmanship and blackboard organization.

Roland Aaker Trytten was born on October 15, 1913, in Tower City, North Dakota, where his father, C. Oscar Trytten, was teaching in the public schools. In 1914 Oscar moved to Hannah, North Dakota, to take a position as superintendent of schools there. In January 1916, Roland's mother, Katherine Aaker Trytten, fell victim to the flu epidemic.

In the summer of 1916 Roland and his father moved to Wildrose, North Dakota, where Roland lived on a farm. He graduated as valedictorian of the Wildrose High School graduating class in 1931.

Tryt then attended St. Olaf College, majoring in chemistry. He graduated in June 1935, summa cum laude. He then took a position as teaching assistant in chemistry at UW-Madison, where he was awarded the PhD in June 1941. His thesis, "The Foaming Tendencies of Various Aqueous Alcohols," was supervised by Harvey Sorum.

After one year as a quality control chemist for Kimberly-Clark (Niagara, Wisconsin), he joined the chemistry staff at Ripon College and taught there until 1945. Then he transferred to Central State Teachers College in Stevens Point.

Most important of all! In June 1942 Tryt married Lorene Thompson of Phelps, Wisconsin. Lorene, who is also a St. Olaf graduate, and Tryt met in Madison while Tryt was in graduate school. Besides giving Tryt moral support throughout his long professional career, Lorene occasionally worked in

the chemistry stockroom during the early years. Roland and Lorene have raised six daughters. He used to advise the students in his classes that if they wanted to be happily married, they should marry a chemist. For proof of that, Tryt would say, "Just ask Mrs. Trytten!"

The Trytten family took their vacations together. They were all enthusiastic campers. Frequently when Tryt attended an NSF Institute, Lorene and the girls would go with him and camp in the region. They spent summers in Oak Ridge, Tennessee, Bozeman, Montana, and Boulder, Colorado. The Trytten's also do a little agricultural research, in the form of a backyard garden that, according to Tryt, "is darn good!"

In 1990 the Department of Chemistry honored Roland by naming A121 Science, the large chemistry lecture hall, the "Roland A. Trytten Lecture Hall." At those festivities, attended by an overflow crowd, Tryt noted that this honor being bestowed on him was really the second such recognition. Early in his career, he wryly noted, he received his first recognition when "radioactive hydrogen was named tritium."

The Trytten Fund

An Endowment Fund at the University of Wisconsin-Stevens Point to Support the Department of Chemistry Students and Program





The Trytten Fund

The Chemistry Department at U.W.-Stevens Point is pleased to announce the Trytten Fund, named after Roland A. Trytten, longtime faculty member and colleague. This fund was established in 1991. The Department of Chemistry is seeking financial support from faculty, alumni, and industrial friends to create an endowment that will:

- (1) administer the Trytten Award, which recognizes excellent performance in general chemistry by a major;
- (2) provide four-year scholarships each year to incoming freshmen;
- (3) support the colloquium program of the department, including the establishment of a Trytten Lecture Series;
- (4) provide awards to support the research of continuing upper division students; and
- (5) provide an award in recognition of outstanding teaching by Department of Chemistry faculty and academic staff.

The Trytten Fund will forever stand as a monument to Roland, and, through the activities supported by the Fund, he will continue to support students and faculty for many years to come.



Roland Aker Trytten

Roland Trytten (Tryt) was a faculty member of the Department of Chemistry at UWSP for 38 years, from 1945 to 1983. Since retirement he has remained active in departmental affairs, frequently attending department meetings and colloquia.

Whereas in his early years Tryt taught nearly everything, as the department grew he taught primarily general chemistry and quantitative analysis. He served as its chairman for 24 years, from 1947 to 1972. During his tenure as chairman, many changes occurred on our campus. The university grew from a student enrollment of 308 to 8701, and the number of teaching staff in the department increased from 3 to 17. The original wing of our present Science Building was constructed in 1962. Tryt served on a steering committee that convinced the American Chemical Society to create the Central Wisconsin Section of the ACS, which has its headquarters in Stevens Point. Roland Trytten also provided inspiration and leadership for the initial creation and planning of the UW-SP undergraduate paper science major, one of the few of its kind in the country.

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

August 5, 1993

Professor Josef Burger
University of Wisconsin Center
Waukesha County
1500 University Drive
Waukesha, Wisconsin 53188 2799

Dear Professor Burger:

I am sorry that a very long trip to Europe has delayed my thanking you for your most interesting letter of May 27th.

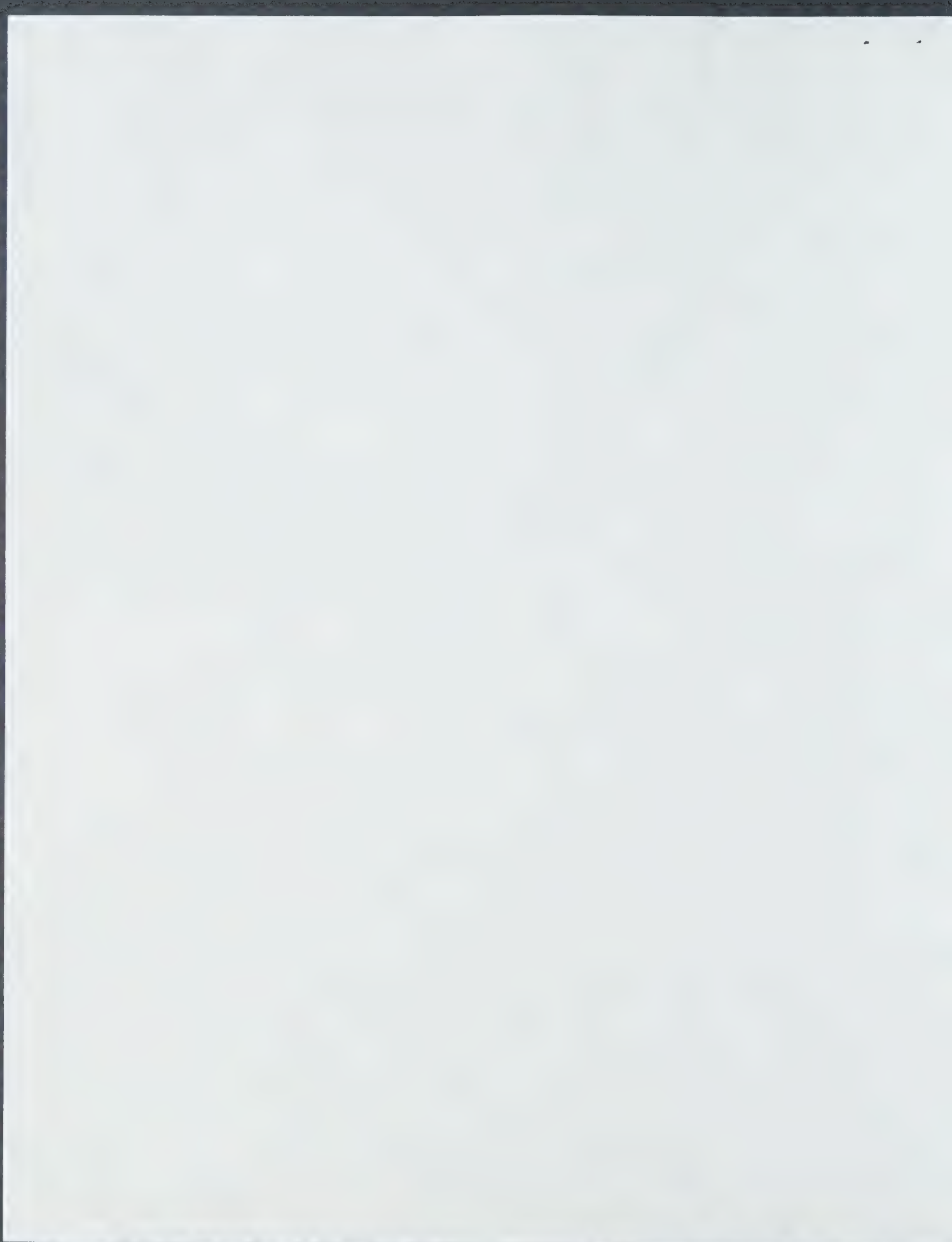
During our long trip to Europe, we spent some great days in the Czech Republic, including two days with our friend Ing. Vladimir Matous.

I believe that Ing. Matous has been to Mexico just recently, and we also hope that he will visit Milwaukee.

It would give Isabel and me great pleasure if we could meet you personally before long.

Best wishes.

Sincerely,





May 27, 1993

Dr. Alfred Bader
2961 North Shepard Ave.
Milwaukee, WI 53211

Dear Dr. Bader

I learned recently from Ing. Vladimir Matous about your impending trip to the Czech Republic and use this opportunity to wish you a pleasant journey. My acquaintance with Ing. Matous is of recent, post-Velvet Revolution, origin. But I did visit with him in Rybitvi two years ago and have been in repeated contact with him since. On more than one occasion during our exchanges Ing. Matous mentioned your interest in the Czech people and your assistance in the difficult process of their restoration.

My recent activity as an academic has embraced similar goals. Czechoslovakia is my birthplace and I have used my access to professional audiences in this country to foment understanding of the evolving transformation in the Czech and Slovak Republics at this time. This has also brought me into collaboration with the Milwaukee World Trade Center.

A recent outcome of that tie is an offer by PDC Facilities, Inc. of Hartland, Wisconsin to engage the scientific capacity of the Research Institute for Organic Synthesis in Rybitvi in connection with establishment of a pharmaceutical manufacturing facility in eastern Bohemia or in Moravia. A Proposal has been sent to Ing. Matous and PDC is awaiting his response. PDC also learned that Ing. Matous contemplates a trip to Mexico mid-June and extended to him an invitation to visit Milwaukee and Hartland on his home-bound journey, on or about June 23.

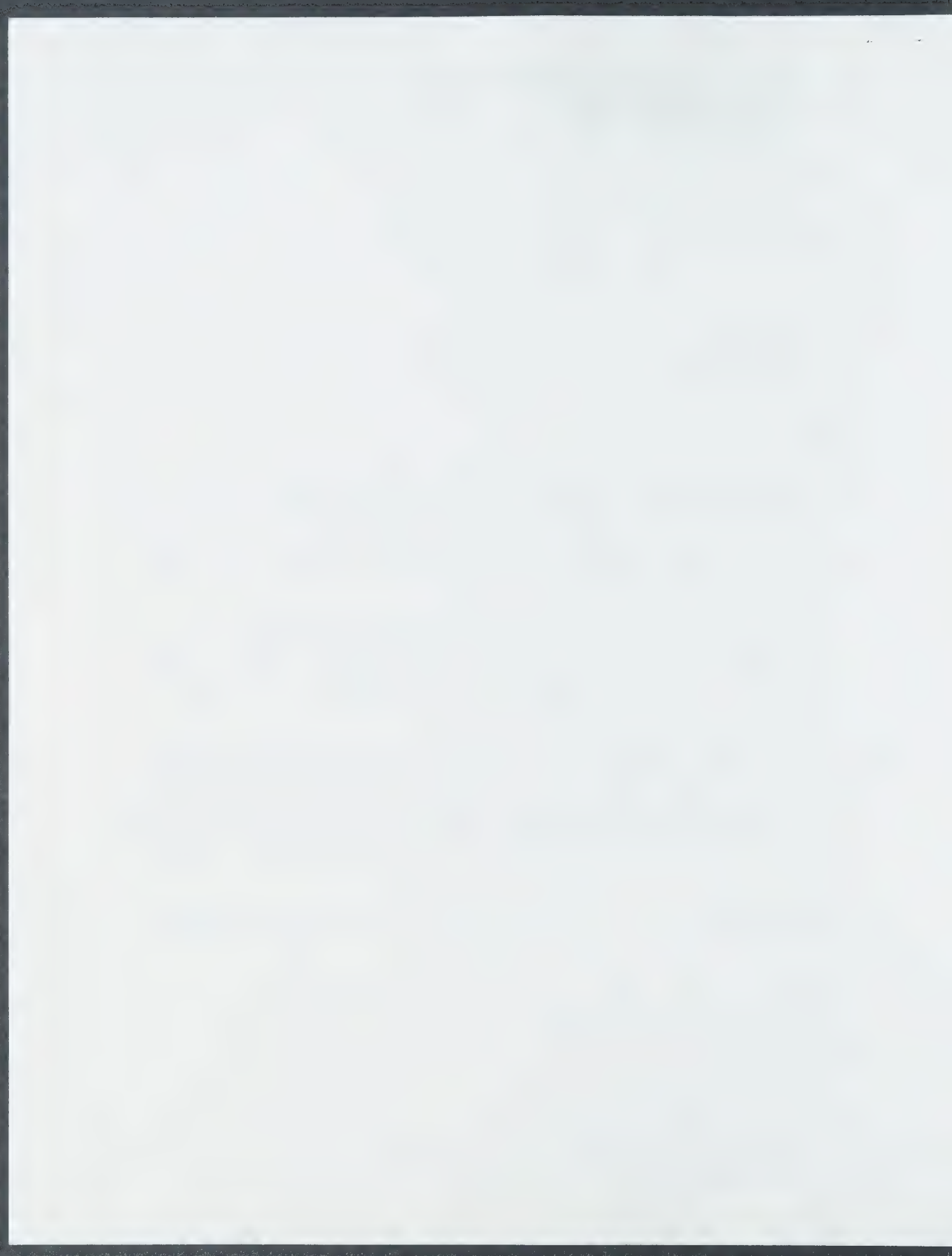
Please accept this letter as an effort to bring several people motivated by similar goals into a possible network.

Sincerely,

A handwritten signature in cursive script, appearing to read 'Josef Burger', with a horizontal line extending to the right.

Josef Burger
Associate Professor

University of Wisconsin Center-Waukesha County
1500 University Drive
Waukesha, Wisconsin 53188-2799
414-521-5200



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

*A
Madison*

February 12, 1993

Professor Henry A. Lardy
Institute for Enzyme Research
University of Wisconsin-Madison
1710 University Avenue
Madison, Wisconsin 53705

Dear Henry:

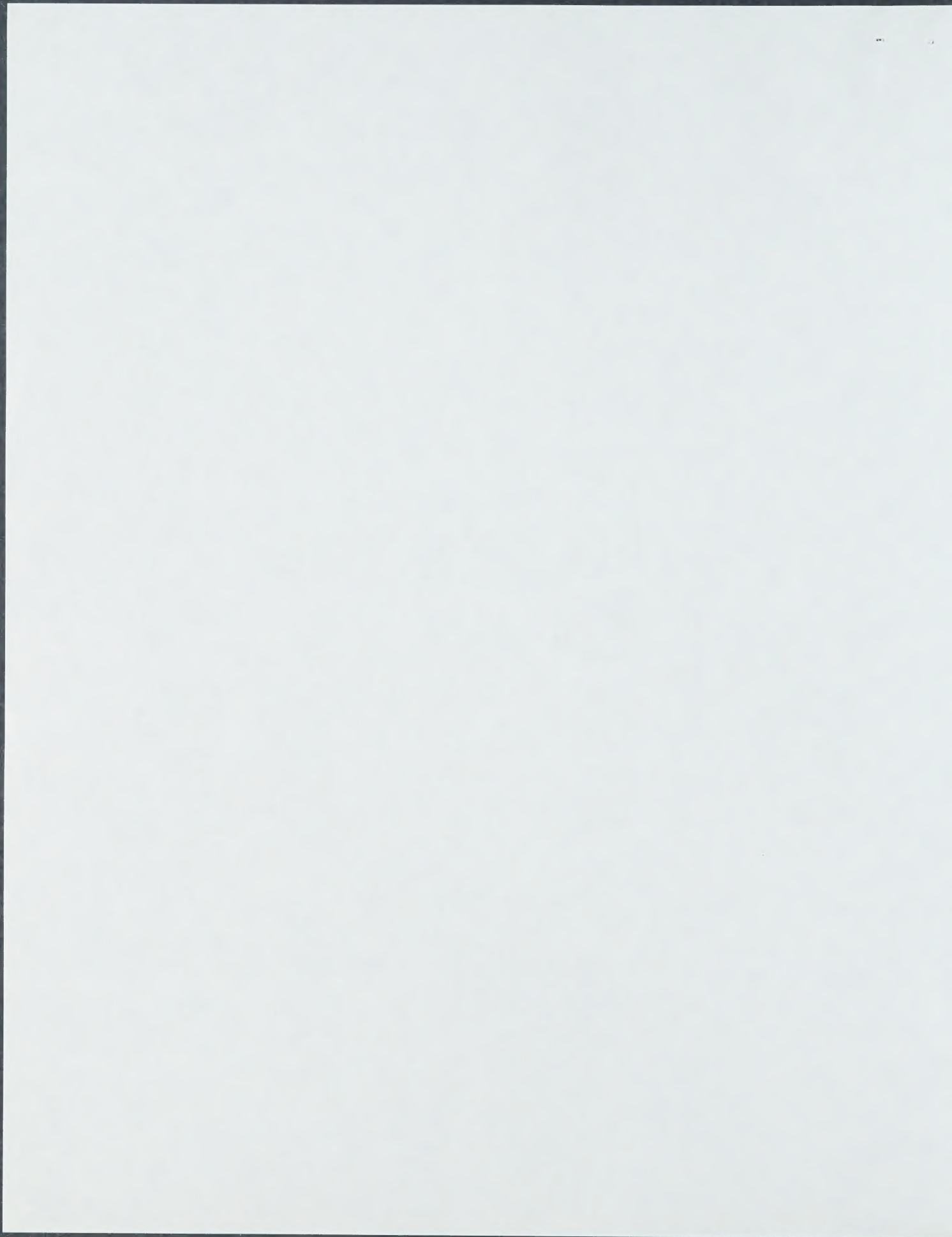
Many years ago in the 1950s our mutual friend, Henry Mahler, introduced us, and I have been thinking of you as Henry ever since. Yet in your disturbing letter of February 2 your address me as Dr. Bader. Why is that?

As you will see from the enclosed, I was dismissed from Aldrich and Sigma-Aldrich last year and am saddened to note the mistake you refer to. Nor is the structure of our 12578-4, dehydroisoandrosterone, the only erroneous structure in the index. The structure of the compound right next to it, epiandrosterone, is also in error.

Two years ago I was particularly proud to be able to acquire the wonderful collection of steroids accumulated over a lifetime by the late Professor David Kirk. We had a very good man at Sigma, Roger Keller, working on a Library of Steroid Spectra, and I very much hoped that the combination of Professor Kirk's samples together with the many, many hundreds which I had acquired from Professors Reichstein, Jeger and many others would make a wonderful research tool for steroid chemists around the world.

Unfortunately, for reasons which I simply cannot understand, the company has decided not to proceed with the Library of Spectra, even though Roger Keller spent years working on it. To me, this is much more worrisome than the silly change of name of the Library amusingly described on the enclosed.

I was happy to see that your colleague, Professor William Cleland, will receive the Alfred Bader Award in Denver.



Dr. Alfred Bader
2961 North Shepard Avenue
Milwaukee, Wisconsin 55211

Professor Henry A. Lardy
University of Wisconsin-Madison
February 12, 1993

For some years now, a chemist from Aldrich has presented that award whenever I was not able to attend. Now, however, my successor, Dr. Tom Cori, has decreed that no Aldrich chemist can represent me, and I have asked my old friend, Ernest Eliel, to present the award.

I hope to be in Madison before long and hope then to have a chance to chat with you.

All good wishes.

Sincerely,

c: Dr. Jai Nagarkatti
Dr. Stephen Branca
Dr. Roger Keller

1900

1900

1900

1900

1900

1900

1900