Alfred Bader fonds

Correspondence

N

1992-2001

THE UNIVERSITY OF NORTH CAROLINA
AT
CHAPEL HILL

Ernest L. Eliel
Phone (919) 962-6198
FAX (919) 962-2388
e-mail: eliel@email.unc.edu

Department of Chemistry
CB#3290, Venable and Kenan Laboratories
The University of North Carolina - Chapel Hill
Chapel Hill, NC 27599-3290

May 7, 2001

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

Dear Alfred,

I am sorry to be so slow to come back to our conversation in San Diego and to your most generous offer of help with chemical information for Cuban chemists. I wanted to make sure that everything was under control both at the Cuban end and at the ACS end before getting back to you.

We were in Cuba for the 4th Chemical Congress in Havana in mid-April and I took the opportunity to talk to Dr. Alberto Nuñez, president of the Cuban Chemical Society, about your suggestion (without disclosing your name). Dr. Nuñez told me that the best format for Chemical Abstracts for Cuba would be CD-ROM. They do not yet have access to the Internet throughout the island, but they have an internal information service, which allows Cuban scientists to send queries to an information center in Havana where a specialist then searches the CD-ROM and sends back the answer by e-mail. They have CAS through 1999, so they would need the 2000 CD and a current subscription for 2001 (monthly delivery). (There is no legal or other problem in sending these CD's; information is not embargoed, and ACS has sent earlier CD's.)

Chemical Abstracts tell me that the cost for two years would be just under $50,000 and the ACS Treasurer has agreed to match a potential $25,000 gift from you.

Dr. Nuñez expressed great delight when I told him about the possibility of obtaining a continuing subscription to CAS through a gift. He indicated that lack of access to information is the greatest handicap to doing first-rate research in Cuba.

I hope to hear from you further about your intent or you might prefer to write directly to the Treasurer of ACS, Brian Bernstein, at the ACS address. If you need further information, please give me a call at (919) 929-7966 in the a.m. or (919) 962-6198 in the p.m..

Best regards,

Ernie

THE UNIVERSITY OF NORTH CAROLINA
AT
CHAPEL HILL
E. ELIEL

Department of Chemistry

CB# 3290, Venable and Kenan Laboratories
The University of North Carolina at Chapel Hill
Chapel Hill, N.C. 27599-3290
FAX# (919) 962-2388

March 6, 1995

Dear Alfred,

Thank you very much for sending me the announcement of your forthcoming book. I am looking forward to reading it.

I am puzzled as to why Jeff Seeman did not answer your enquiry and I have queried him about it. As far as I know, ACS-Books has never decided whether to expand the scientific autobiography series ("Profiles, Pathways and Dreams") or not. In any case it is good to hear that they will probably distribute your autobiography.

I look forward to seeing you at the Parsons medal presentation on April 1 and I presume also at the Award dinner on April 4 (on the assumption that you will present the Alfred Bader award personally this time). I'll also see you at the Loschmidt celebration in Vienna in June.

Warmest regards.

Ernest

NFHC National Foundation for History of Chemistry

3401 Walnut Street • Philadelphia, PA 19104-6228 • Telephone (215) 898-4896 • Telefax (215) 898-3327

Charles C. Price, *Chairman*

30 June 1992

Dr. Alfred R. Bader
Chairman Emeritus
Sigma-Aldrich Corporation
940 West St. Paul Avenue
Milwaukee WI 53233

Dear Alfred:

This letter brings summer greetings along with heartfelt thanks for your continued endorsement and support. I am delighted to enclose a preview copy of our latest Beckman Center/Othmer Library News and to share with you some of our recent accomplishments.

First let me mention our change of name to the Chemical Heritage Foundation (CHF), as of 1 July 1992. While CHF's mission and goals remain the same, our new name more accurately reflects the interdisciplinary nature and wide influence of our chemical sciences and industries. Hence, we are in a better position to respond to a wider range of program needs and opportunities. (See story on page B-1 of BCHOC News.)

* This is the second summer that high school chemistry teachers from across the nation will participate in a workshop on the history and human dimensions of the chemical sciences. This year's program is in collaboration with the Woodrow Wilson National Fellowship Foundation in Princeton.

* "Organic Worlds," the symposium and exhibit opening marking the seventy-fifth anniversary of Robert Burns Woodward, was a major success. An international cast of chemical scientists, business and academic leaders, together with members of the Woodward family gathered on 10 and 11 April to experience and benefit from the Woodward legacy and its global impact on the chemical sciences and industries. And the Woodward exhibit is now off on its travels.

* S. Allen Heininger, formerly at Monsanto and immediate past president of the ACS, discussed the impact of strategic planning on the evolution of the chemical industry, at the third annual Othmer Luncheon in New York.

* Our biomolecular sciences initiative (BIMOSI) saw an important fall conference, the addition of a new archivist, and the drafting of an observer's guide to the Human Genome Project. BIMOSI is made possible in part through a generous grant from the Andrew W. Mellon Foundation.

You can read more about these activities, and many other stories that show the vitality of our chemical heritage, in the enclosed newsletter.

Thank you again for your support in making it all happen. With best wishes,

Yours sincerely,

Arnold

Arnold Thackray
Executive Director

Enclosure

When will you next be in town? Hoping to see you and Isabel soon

Jesse NG, Ph. D. (514) 284-4450

CHEMIST

5 years of experience
Inorganic and Organic syntheses
Well organized - Team worker
Scientific Report - Writing
English - French

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

A Chemist Helping Chemists

January 27, 1997

Dr. Jesse Ng
95 Charolais Blvd., Apt. 1101
Brampton, ON L6Y 2R9
Canada

Dear Dr. Ng:

How very interesting that you plan to start a company to sell chromatography equipment.

Unfortunately, I can't be of much help because I know so little about chromatography equipment even though Sigma Aldrich owns Supelco and a forty percent interest in Camag.

What little advice you might get from me about starting a small company is given in my autobiography, *Adventures of a Chemist Collector*, which I presume you know.

I hope that your partner has qualifications other than an MBA. In my experience common sense in business is much more important than what you learn in a business school.

With all good wishes, I remain,

Yours sincerely,

AB/nik

January 18, 1997

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

Dear Dr. Bader:

I am writing this letter to let you know of how things have progressed since my letter to you last Fall. With one other person (he has an M.B.A.) I am about to launch a new company at the end of the month. We plan to sell chromatography products for now. I am fine-tuning the manufacturing process at McMaster University (we rent space there) before moving to a spot in the back of a warehouse in Richmond Hill in March. As we are very short on cash, we are currently looking for used equipment to set up the laboratory.

We feel quite confident about our products and plan to be at Pittcon in March to test the waters and hopefully make some business contacts. However, both of us are quite inexperienced in the area of managing a small business and there is always the danger of getting bullied by more experienced business people. I was wondering if you would share some of your valuable experience with us: what are your thoughts on contacting distributors to sell our raw materials and/or finished products? Is there anything to watch for when we deal with people in the U.S.?

Looking forward to your words of wisdom,

Yours truly,

Jesse Ng

95 CHAROLAIS BLVD. APT. 1101, BRAMPTON, ONTARIO, CANADA, L6Y 2R9 – (905) 454-9178
MCMASTER UNIVERSITY, DEPARTMENT OF CHEMISTRY ABB 205
1280 MAIN ST. W, HAMILTON, ONTARIO, CANADA, L8S 4M1
TEL: (905) 525-9140 EXT. 22013 – FAX: (905) 521-2773

October 6, 1996

Dr. Alfred Bader
2961 North Shepard Avenue
Milkwaukee, Wisconsin
USA 53211

Dear Dr. Bader:

I am now employed by a small company outside Toronto, trying to commercialize technology developed at McMaster University on an industrial fellowship from the Ontario Centre for Materials Research. A lot of my time is spent at McMaster, hence my residence in Brampton at the following address:

95 Charolais Blvd. Apt. 1101
Brampton, ON
L6Y 2R9
Tel: (905) 454-9178

Looking forward to the day when I will meet you,

yours truly,

Jesse Ng

chemists

addition
[illegible]

Whitlock ABTA

Joyce Zakos chemists

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

A Chemist Helping Chemists

July 29, 1996

Dr. Jesse Ng
630 Victor-Hugo Avenue
Brossard, PQ J4W 1V1
Canada

Dear Dr. Ng:

In response to your thoughtful letter of June 19th, please always feel free to give me as a reference. I just hope that you will be successful in finding a satisfactory position.

With all good wishes, I remain,

Yours sincerely,

AB/cw

June 19, 1996

Dr. Alfred Bader
2961 North Shepard Avenue
Milkwaukee, Wisconsin
USA 53211

Dear Dr. Bader:

In my job quest, I managed to attract the attention of a team at the Ontario Centre for Materials Research among whom are Drs. Peter McGeer (Director, Queen's), Tony Redpath (Toronto) and Harald Stöver (McMaster). They were looking for someone to market one of their polymer products and to provide technical know-how. During my interview with them last week, as we talked about industrial contacts I mentioned that I knew you. I apologize if this may cause some inconvenience to you but this is not my intention. However, I thought that you should know about it. If I am offered the position, can I still call on you for personal advice? I am sure that your input will always be very valuable.

Next week I am scheduled to meet the president of a small company in Toronto which would be responsible for the distribution of the product . Rest assured that I will be most careful of what I say to them.

Yours truly,

Jesse Ng

(514) 465-9469

P.S. Please note that I will be away during the month of July and won't be back in Montreal until August 6. If things don't work out my destination will still be Kingston.

630 Victor-Hugo Avenue, Brossard, PQ, Canada, J4W 1V1 – (514) 465-9469

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

A Chemist Helping Chemists

June 27, 1996

Dr. Jesse Ng
630 Victor-Hugo Avenue
Brossard, PQ J4W 1V1
Canada

Dear Dr. Ng:

Thank you for your letter of June 19th to Dr. Bader.

He and Mrs. Bader are at their home in England through the end of July. He will reply to your letter personally upon his return to Milwaukee.

Should you need references prior to his return, please feel free to contact me, and I can relay any information necessary to him.

Best wishes,

Cheryl Weiss
Office Manager

3494 Jeanne Mance St., apt. 606
Montreal, Quebec
H2X 2K1

November 15, 1995

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

Dear Dr. Bader:

I want to thank you for recommending me for a position at Aldrich. I phoned Dr. Stephen Branca yesterday and he said that I should expect to hear from him soon. Aldrich is a company where I think I can use my background effectively.

In any event, I will keep you informed whether there is a suitable match or not.

Yours truly

Jesse Ng

February 14, 1996

Dr. Alfred Bader
[illegible] North Sherman Avenue
Milwaukee, Wisconsin
USA 53211
Fax: 1 414-277 0769

Dear Dr. Bader

I am writing this letter to let you know that I was not hired by Aldrich despite your recommendation and despite Prof. Alan Shaver (one of my referees) phoning Dr. Steve Branca on my behalf. You can imagine my disappointment at this news.

During my interviews at Aldrich, I focused my answers on your motto "Chemists helping chemists in research and industry." Obviously the message did not go through. Dr. Branca told me today that I was perceived as not having leadership qualities!

[illegible]

Thank you

Yours very truly,

Jesse Ng
(514) 284 4450

Bordereau de transmission par télécopieur / Fax transmittal sheet

[illegible]

➤ [illegible]

➤ Alfred Lacke

➤ 1-414-273-[illegible]

[illegible]

[illegible]

[illegible]

February 16, 1996

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

Dear Dr. Bader:

I really enjoyed speaking with you yesterday. However, after going through your book and a good night's sleep, I thought that the company you created is still be a good workplace. It is too easy to give up on it after all the time and effort you spent in building it. For example, there I could do the things that I enjoy, i.e., bench chemistry (production of fine inorganics), write reports (Aldrichimica Acta) and assist people in need of advice. I remember I even suggested to Drs. Austin and Branca that I would volunteer to canvass at universities and companies to hear what the customers have to say on improving services and products. Perhaps I am naive in thinking that I can fill your shoes but you are still close by and your advice on the matter would always be valuable. Besides I have numerous good contacts at universities in Canada as former lab colleagues are now faculty members or work in industry. In any case I am still young and full of energy and I believe that I can contribute in a positive manner at Aldrich.

I have written to Dr. Branca (copy enclosed) and have enclosed an updated copy of my résumé with this letter for your files. Please note that my address is valid until June 30, 1996.

Best wishes.

Yours very truly,

Jesse Ng

(514) 284-4450

P.S. Please note that my family name 'Ng' is pronounced 'Ing'. I am 100% Chinese of hakka origins (a minority group in China) but "African" because Mauritius is sometimes lumped with Africa; bilingual because the island a former French colony was lost to the British in 1810. However, my mother tongue is creole, a French dialect used by the slaves under the French, and I hardly speak any hakka. Confusing, isn't it?

February 16, 1996

Dr. Steve Branca
Aldrich Chemical Company, Inc.
P. O. Box 355
Milwaukee, WI
USA 53201

Dear Dr. Branca:

I want to thank you for having invited me at Aldrich. Although I am extremely disappointed of the outcome of the interview I enjoyed the meetings I had, especially with Bob Marshman (a fellow inorganic chemist). Knowing the history of the company through Dr. Bader's book, I sincerely believe that I can make a positive contribution to Aldrich given the opportunity. Should you think that there might be a suitable opening soon, I would be happy to be considered for it. Enclosed is an updated copy of my résumé.

Thank you.

Yours very truly,

Jesse Ng

(514) 284-4450

Encl.

JESSE NG

3494 Jeanne Mance Street, apt. 606
Montreal, Quebec
Canada H2X 2K1

Languages: English, French, Creole
Member of the Ordre des Chimistes du Québec

Tel: (514) 284-4450

PERSONAL DATA

Well organized and disciplined. Ability to manage laboratory personnel, define goals, establish priorities, act decisively and respect deadlines. Ability to write concise scientific reports in English and French. Safety-conscious, effective in teamwork and excellent leader.

EMPLOYMENT HISTORY

1991 - 1995 **Research Chemist** (post-doc), *McGill University, Montreal*

- Synthesized polysilanes using titanocene catalysts. Assessed their properties as liquid crystals.
- Designed and synthesized peroxovanadium compounds for use as antidiabetic agents in collaboration with the Department of Medicine. Collaborated with the Department of Pharmacology to ensure the encapsulation of the compounds.
- Coordinated and directed the research programmes of graduate and honours students.
- Organized weekly seminars for the laboratory group. Intervened in any conflict among laboratory personnel.

1993 - ... **Instructor** (contract), *Dawson College, Montreal*

- Taught Organic and General Chemistry. Supervised laboratory experiments.

1990 **Research Scientist**, *Ciba-Geigy, Basel, Switzerland*

- Synthesized anti-hypertension agents while in the Pharmaceutical Research group.

1986 - ... **Editor**, *McGill University, Montreal and University of British Columbia, Vancouver*

- Read Ph.D. and M.Sc. theses of Chemistry students. Questioned the validity of their results by also offering suggestions. Corrected spelling and grammatical mistakes.

OTHER EXPERIENCE

	Teaching Assistant
1986 - 1990	*University of British Columbia, Vancouver*
1985 - 1986	*Queen's University, Kingston*

EDUCATIONAL BACKGROUND

1990 **Ph.D.** (Inorganic Chemistry), *University of British Columbia, Vancouver*

- Studied the homogeneous hydrogenation of arenes using cobalt phosphine complexes as catalyst precursors. Synthesized phosphines and aromatic substrates.
- Directed the work of summer students in 1987, 1988 and 1990.

1986 **M.Sc.** (Physical Chemistry), *Queen's University, Kingston*

- Analyzed aqueous acetic acid solutions by Raman spectroscopy. Spectral deconvolution of band envelope. Calculation of equilibrium constants.

1985 **B.Sc.** (Honours, Chemistry), First Class, *Queen's University, Kingston*

EXTRACURRICULAR ACTIVITIES

- Avid tennis player; active participant in the Chemistry Tennis Ladder at McGill. 1991 - 1995
- Organized and participated in softball games with the Chemistry department at McGill. 1991 - 1995
- Starter on high school's volleyball team in Mauritius. 1975 - 1979
- Safety Officer of my research laboratory at McGill. Ensured that proper safety guidelines are adhered to by members of my laboratory. 1991 - 1995
- Student representative on the Safety Committee in the Chemistry department at UBC . Duties included regular inspections of other research laboratories, submitting written reports as well as voicing students' concerns to the Committee. 1986 - 1989
- Volunteered at the University Hospital, UBC. Helped in coordinating the activities of elderly patients in the Acute and Extended Care units. 1988 - 1990
- Volunteered at the Information & Counselling Centre and at the Language Bank of the International House at UBC. 1988 - 1990
- Also enjoy drawing and bicycling.

REFERENCES AVAILABLE ON REQUEST

February 1996

9. *Mol. Cell Biochem.* **1995**, *153*, 5-15; A. Shaver, J. B. Ng, D. A. Hall and B. I. Posner. "The chemistry of peroxovanadium compounds relevant to insulin mimesis."
8. *Inorg. Chim. Acta* **1995**, *229*, 253-260; (special issue in honour of F. A. Cotton's 65th birthday); A. Shaver, J. B. Ng, D. A. Hall, A. -M. Lebuis, R. C. Hynes and B. I. Posner. "Bisperoxovanadium compounds: synthesis and reactivity of some insulin-mimetic complexes."
7. *Acta Cryst. Commun.* **1994**, *C50*, 1044-1046; A. Shaver, J. B. Ng, R. C. Hynes and B. I. Posner. "Potassium (N^1, N^{10}-5-nitro-1,10-phenanthroline)oxodiperoxovanadate(V) dihydrate, an insulin-mimetic peroxovanadate."
6. *J. Biol. Chem.* **1994**, *269*, 4596-4604; B. I. Posner, J. W. Burgess, R. Faure, A. P. Bevan, D. Lachance, G. Zhang-Sun, I. G. Fantus, J. B. Ng, D. A. Hall, B. Soo Lum and A. Shaver (see also: Borman, S. *Chem. Eng. News* **1994**, *72*(8), 35). "Peroxovanadium compounds: a new class of potent phosphotyrosine phosphatase inhibitors which are insulin mimetics."
5. *Inorg. Chem.* **1993**, *32*, 3109-3113; A. Shaver, J. B. Ng, D. A. Hall, B. Soo Lum and B. I. Posner. "Insulin-mimetic peroxovanadium complexes: preparation and structure of potassium oxodiperoxo(pyridine-2-carboxylato)vanadate(V), $K_2[VO(O_2)_2(C_5H_4NCOO)]\cdot 2H_2O$, and potassium oxodiperoxo(3-hydroxypyridine-2-carboxylato)vanadate(V), $K_3[VO(O_2)_2(OHC_5H_3NCOO)]\cdot 3H_2O$ and their reaction with cysteine."
4. *Inorg. Chem.* **1991**, *30*, 2437-2441; M. D. Fryzuk, J. B. Ng, S. J. Rettig, J. C. Huffman and K. Jonas. "Nature of the catalytically inactive cobalt hydride formed upon hydrogenation of aromatic substrates. Structure and characterization of the binuclear cobalt hydride $[\{Pr^i_2P(CH_2)_3PPr^i_2\}Co]_2(H)(\mu\text{-}H)_3$."
3. *Can. J. Chem.* **1988**, *66*, 1912-1918; (special issue in honour of C. A. McDowell's 70th birthday); J. B. Ng, B. U. Petelenz and H. F. Shurvell. "The complementary use of factor analysis and spectral deconvolution in a study of the CD_3COOD-D_2O system."
2. *J. Phys. Chem.* **1987**, *91*, 496-500; J. B. Ng and H. F. Shurvell. "The application of factor analysis and band resolution techniques to the Raman spectra of acetic acid in aqueous solution."
1. *Can. J. Spectrosc.* **1985**, *30*, 149-152; J. B. Ng and H. F. Shurvell. "A study of the self-association of acetic acid in aqueous solution using Raman spectroscopy."

Prof. Alan G. Shaver, Dean of Science

Department of Chemistry
McGill University
Tel: (514) 398-6237 or 398-4211 (*Dean's office*)
shaver@omc.lan.mcgill.ca

Prof. Michael D. Fryzuk

Department of Chemistry
University of British Columbia
Tel: (604) 822-2897
fryzuk@unixg.ubc.ca

Prof. John F. Harrod

Department of Chemistry
McGill University
Tel: (514) 398-6911
harrod@omc.lan.mcgill.ca

Prof. Herbert F. Shurvell

Department of Chemistry
Queen's University
Tel: (613) 545-2646
shurvell@queensu.ca

I hereby authorize you to contact the above-mentioned individuals who have agreed to provide professional references.

Jesse Ng

NORAMCO INC

ED GRAHAM
PRESIDENT

410 GEORGE STREET
NEW BRUNSWICK, NJ 08901-2021
TELEPHONE (908) 524-3280
FACSIMILE (908) 524-1947

April 4, 1995

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

Dear Alfred:

Gary Parlin forwarded your letter of March 14 to me for consideration. I have been doing quite a bit of traveling this past month and am just now getting caught up with my correspondence.

Noramco appreciates your forwarding the name of Dr. Richard Pariza as a possible candidate for an operations opening we had. However, we have filled that position with another very qualified and highly recommended individual.

Your recommendations are always seriously considered, and we are pleased you thought of us at this time.

Best regards.

Sincerely,

Ed Graham

Edward S. Graham

pal
L95-0404.1

ALFRED BADER FINE ARTS

DR. ALFRED BADER

ESTABLISHED 1961

March 15, 1995

Mr. Daniel E. Aultz
Manager, Business Development
Noramco, Inc.
410 George Street
New Brunswick, NJ 08901-2021

Dear Daniel:

Thank you for your thoughtful letter of February 28th and your great care during our stay in Nashville.

Of course, I would be delighted to sign the book when next we meet.

I really enjoyed speaking in Nashville, and if, a few years from now, you might like another talk at an Informex, just let me know. My "menu" of ten talks is enclosed.

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

NORAMCO INC

410 GEORGE STREET
NEW BRUNSWICK, N.J. 08901-2021
DIRECT DIAL NUMBER 908-524-1954

February 28, 1995

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

Dear Alfred:

Thank you for appearing at Informex '95 as our keynote speaker. I knew that you would be extremely well received when I offered your name for consideration.

It was indeed an honor for me to introduce you to the "standing room only" audience. I honestly believe that your presentation has been the best keynote address to date. A number of Informex attendees told me how much they enjoyed your talk.

When your book is published, would you be kind enough to sign my copy if I would send it to you? I am enclosing a picture that was taken at our table during lunch on Tuesday.

If I can ever be of assistance to you, please do not hesitate to contact me.

Please extend my regards to Isabel. It was truly my pleasure to meet her as she is an extremely delightful and fascinating person.

Sincerely,

Dan

Daniel E. Aultz
Manager
Business Development

DEA/jw

Enclosure

FAX TRANSMITTAL SHEET

Dr. Alfred Bader
2961 North Shepard Avenue
Milwaukee, Wisconsin 53211
Telephone 414 962 5169
FAX 414 962 8322

September 15, 1993

TO: Professor James M. Takacs
Department of Chemistry
University of Nebraska, Lincoln
FAX 402 472 9402

Dear Professor Takacs:

I am sorry that a speaking tour to Michigan has delayed my responding to your very kind letter of August 23rd.

I am truly honored by the invitation to speak at the Gordon Conference next July, and being there would give us such a pleasure because so many academic friends will be there.

However, my calendar for next July is completely filled, and I am truly sorry that I cannot accept.

Best personal regards.

Sincerely,

University of
Nebraska
Lincoln

Department of Chemistry
Hamilton Hall
P.O. Box 880304
Lincoln, NE 68588-0304
(402) 472-3501

August 23, 1993

Dr. Alfred Bader
2961 North Shepard Avenue
MILWAUKEE WI 53211

Dear Dr. Bader:

I am writing to you as chair of the 1994 Gordon Conference on Organic Reactions & Processes to be held July 17-22 at the New Hampton School in New Hampton, New Hampshire. I attended your fascinating lecture to the Division of Chemical History in Chicago and spoke to you briefly after your talk. I want to invite you to attend the conference and present a lecture as the featured Thursday evening post banquet speaker. As you may know the GRC post banquet lecture is traditionally a general interest lecture open to both conferees and their families. To facilitate your participation, the GRC will of course cover your travel expenses, conference registration, and room and board.

I have been a regular at Organic Reactions & Processes for the past several years and find it to be one of the best of the GRC's. Inevitably oversubscribed by 50-100%, the conference attracts a select mix of academicians interested in developing new synthetic methodology and front line pharmaceutical process chemists. It's a knowledgeable and enthusiastic group. The chemistry is always outstanding, the discussions are lively, and the participation level is excellent. Several of this year's conferees suggested your name for the Thursday evening lecture, and with your participation, we should again have an outstanding collection of speakers and a range of interesting topics for next year's conference. I am confident that you would have a great time.

Since you are undoubtedly busy, and to expedite responses, I have attached a sheet that you can check off in response to my invitation, then have faxed or mailed back to me. If you are unable to accept my invitation, I would be particularly grateful for your suggesting other possible Thursday evening speakers. I also welcome your suggestions as to other potential speakers and/or topics. I sincerely hope that you can attend.

Sincerely,

James M. Takacs

James M. Takacs
Associate Professor of Chemistry and
1994 Organic Reactions & Processes Chair
Phone: 402-472-6232
FAX: 402-472-9402

Please FAX to:

Professor James M. Takacs
Department of Chemistry, University of Nebraska, Lincoln NE 68588-0304
FAX: 402-472-9402 Phone: 402-472-6232 InterNet: jtakacs@unlinfo.unl.edu

From:

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

Yes, I am happy to accept: _____ No, regrettably I can't accept: _____

Sounds interesting Jim, but give me a couple of weeks to think it over: _____

1994 Organic Reactions & Processes GRC: Potential Themes and Speakers

Suggest speakers in the any of the following area(s).

General Synthesis and Process Development:

Enantioselective Catalysis
Chiral Lewis Acid Catalysis:

Chiral Transition Metal Catalysis:

Stereoselective Synthesis Methodology:

Enzymes in Organic Synthesis:

Catalytic Metal-Mediated Chemistry:

Organofluorine Chemistry:

Oligosaccharide Synthesis:

Taxol Chemistry and Synthesis:

HIV Therapeutic Agents:

Nucleoside Synthesis:

Synthetic Organic Photochemistry:

Thursday Evening Topic and Speaker:

Other Potential Themes and Speakers or Additional Comments:

ALFRED BADER FINE ARTS

DR. ALFRED BADER

ESTABLISHED 1961

July 26, 1994

Dr. Daniel E. Aultz
Manager, Business Development
Noramco, Inc.
410 George Street
New Brunswick, New Jersey 08901 2021

Dear Dan:

In response to your letter of July 18th, I look forward to being with you in Nashville on February 21st.

Neither Sigma nor Aldrich nor Sigma-Aldrich did a great deal in custom syntheses, although in the early days of Aldrich we certainly did some. Hence, if that is important to you, you can give my talk a sub-title "From Custom Syntheses to the World's Largest Supplier of Research Chemicals".

I don't really have a draft of my presentation and never use a manuscript during my talks. However, the essence of the first part of my talk is described in a chapter from autobiography, which will appear early next year. That chapter has been published in Chemtech, and I enclose a copy.

All good wishes.

Sincerely,

Enclosure

By Appointment Only
ASTOR HOTEL SUITE 622
924 EAST JUNEAU AVENUE
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NEW BRUNSWICK, N.J. 08901-2021
DIRECT DIAL NUMBER 908-524-1954

July 18, 1994

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

Dear Alfred:

Thank you for accepting our invitation to give the keynote address during Informex '95, being held in Nashville, Tennessee, on February 21 - 23, 1995. The keynote address is scheduled for Tuesday, February 21 at 5:30 - 6:30 p.m.

As discussed, the honorarium will be $1,000 plus travel expenses for you and your wife.

Thank you for mailing your photo and biographical material to Mr. Cannon at the SOCMA offices in Washington. We will use these in our initial promotional material.

SOCMA promotes Informex very heavily throughout the six-month period prior to the show. You requested a presentation title of "The History of Sigma-Aldrich: Building a Niche Company". The subject will be extremely interesting, however, we would like to work "custom manufacturing" into the title as it would greatly benefit us in further promoting the show and your participation. Could you please modify the title and contact me? Also, I would appreciate receiving a draft of your presentation as soon as it is ready. This will allow us to use its content in our promotional program.

Again, I thank you on behalf of the Informex Task Force for accepting our invitation, and we look forward to your participation.

Please contact me at your convenience at (908) 524-1954 by telephone or (908) 524-1947 by facsimile if you have any questions.

Sincerely,

Daniel E. Aultz
Manager
Business Development

DEA/jw

c: B. Cannon
S. Gelman
D. McMahon

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

January 28, 1994

Professor Ernest L. Eliel
Department of Chemistry
University of North Carolina
Chapel Hill, North Carolina 27599

Dear Ernest:

May I ask you for a personal favor?

Some years ago, I established the Alfred Bader Award in Bioinorganic or Bioorganic Chemistry, and this is to be presented at the next A.C.S. meeting in San Diego.

However, I will not be able to attend the meeting and would very much like to ask you to present it on my behalf.

Many thanks, and best personal regards.

Sincerely,

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

January 18, 1993

Dr. Cliff Carlin
Carolina-Piedmont Section of the A.C.S.
Chemistry Department
University of North Carolina
Charlotte, North Carolina 28213

Dear Dr. Carlin:

I much look forward to speaking to your A.C.S. Section on Tuesday, March 23rd.

I think that the subject of the greatest interest to chemists is my talk on the life and work of Josef Loschmidt,, and I enclose an abstract of that talk.

It has occurred to me that in Charlotte some students in the Department of Art History of the University might be interested in a talk on the restoration of paintings entitled "The Adventures of a Chemist Collector" or some students in art history and theology might be interested in my talk entitled "The Bible Through Dutch Eyes" which describes how artists in 17th century Holland looked at the Bible. I would be happy to give a second talk that Tuesday.

I look forward to being with you.

Sincerely,

Enclosure

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

October 21, 1992

Professor Ernest Eliel
Department of Chemistry
University of North Carolina
Chapel Hill, North Carolina 27514

Dear Ernest:

I still remember with great pleasure the Woodward celebration in April.

I had very much hoped that the A.C.S. and other concerned groups would press for issuance of a postage stamp honoring Bob Woodward. Is there anything that the A.C.S. could do?

Best regards,

bc: C. Woodward
C. Price

FAX TRANSMITTAL SHEET

FROM: DR. ALFRED BADER

2961 North Shepard Ave.
Milwaukee, Wisconsin 53211

PHONE: (414) 962-5169

FAX: (414) 962-8322

3/30/92

TO: TO: Professor Ernest Eliel

FAX: 919 962 2388

Dear Ernest.

Thanks for your kind invitation to the Presidential Plenary on April 6.

Unfortunately Isabel and I will not be in San Francisco. We plan to be at Herb Brown's 80th birthday celebration next weekend, and at the RB Woodward Symposium at the Beckman Center on April 10 – genug ist genug – at least travelling!

Kind regards

Alfred

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

July 25, 1994

Professor Jacob Szmuszkovicz
Department of Chemistry & Biochemistry
University of Notre Dame
Notre Dame, Indiana 46556

Dear Jacob:

A long trip to Europe has delayed my thanking you for your happy note of June 6th.

Isabel and I drive to Indiana at least once a year, and when next we drive that way we will try to time our trip to be at Notre Dame on a Monday or Tuesday to be able to visit with you.

Fond regards to you and Rachel.

As always,

Department of
Chemistry & Biochemistry

Phone 219 [illegible]
Fax 219 [illegible]

University of Notre Dame
Notre Dame, Indiana 46556

June 6, 1994

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

Dear Alfred:

I was delighted to hear from you via the note you sent, along with the letter to Mr. Roach. Mr. Roach is a unique gentleman, owner of ABS and I am trying to help him achieve his goals for the Company.

I follow the same routine I have been following since I retired from Upjohn: Monday and Tuesday I am at Notre Dame in South Bend. Wednesday, Thursday and Friday I am in my office at Upjohn. I live at 3430 Pinegrove Lane, Kalamazoo, Michigan 49006.

Notre Dame phone: 219-631-7796
Upjohn phone: 616-385-7109

I keep fairly busy, but always have time for old friends.

It would be nice to get together.

With my best regards to your charming wife,

Janet

J. Szmuszkovicz
Professor

JS:dkb

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

November 9, 1994

Professor Duward F. Shriver
Chair, Department of Chemistry
Northwestern University
2145 Sheridan Road
Evanston, Illinois 60208 3113

Dear Professor Shriver:

Thank you for your kind invitation to the Fred Basolo Lecture. However, I will be in Amsterdam that week.

I would very much like to attend the Charles Hurd Lecture in the winter, and I hope that you will invite me.

All good wishes to you and your associates.

Sincerely,

NORTHWESTERN UNIVERSITY

Department of Chemistry
2145 Sheridan Road
Evanston, Illinois 60208-3113

October 26, 1994

Dr. & Mrs. A. Bader
2961 North Shepard Avenue
Milwaukee, WI 53211

Dear Dr. & Mrs. Bader:

The Department of Chemistry at Northwestern University is pleased to invite you to the 1994 Fred Basolo Lecture. Professor Harry Gray, Arnold O. Beckman Professor of Chemistry, Director of the Beckman Institute at California Institute of Technology, and former Basolo student, will speak on Electron Tunneling in Metalloproteins.

The lecture will take place at 4:00 pm on Friday, November 18, 1994, in Lecture Room 3 of the Technological Institute, 2145 Sheridan Road, Evanston, Illinois. Refreshments will be served before the presentation at 3:45 pm and a reception will follow in the fourth floor faculty lounge at 5:15 pm.

Please join us for the fourth annual lecture in this distinguished series.

Sincerely yours,

D. F. Shriver

Duward F. Shriver
Morrison Professor and
Chair

Enclosure

C A S

COLLEGE OF ARTS AND SCIENCES

Harry Gray before NU

Harry Gray after NU

Fred Basolo

THE 1994 FRED BASOLO LECTURE

DEPARTMENT OF CHEMISTRY
NORTHWESTERN UNIVERSITY
EVANSTON, ILLINOIS

HARRY BARKUS GRAY

Harry Barkus Gray was born November 14, 1935 and grew up in Bowling Green, Kentucky. In 1957, he received a B.S. from Western Kentucky University. The following year, he entered graduate school at Northwestern University and began research in inorganic chemistry with Fred Basolo and Ralph G. Pearson. After earning his Ph.D. degree in 1960, he spent a year (1960-61) as an NSF Postdoctoral Fellow at the University of Copenhagen, where he collaborated with Carl J. Ballhausen on studies of the electronic structures of metal complexes. He was appointed assistant professor at Columbia University in 1961 and, by 1965, had attained the rank of full professor. In 1966, he moved to the California Institute of Technology, where he is the first Arnold O. Beckman Professor of Chemistry and Director of the Beckman Institute.

During his distinguished career, Gray has received numerous honors and awards. Among these are membership in the National Academy of Sciences, the American Academy of Arts and Sciences, and the Royal Danish Academy of Sciences; the ACS Award in Pure Chemistry (1970); the ACS Award in Inorganic Chemistry (1978); the ACS Award for Distinguished Service in the Advancement of Inorganic Chemistry (1984); the Bailar Medal (1984); the Pauling Medal (1986); the National Medal of Science (1986); the Alfred Bader Award in Bioinorganic Chemistry (1990); the Priestley Medal (1991); the Gibbs Medal (1992); the Linderstrøm-Lang Prize (1992); and eight honorary doctorates. During 1982-1985, he served as chairman of the Chemistry Section of the National Academy of Sciences.

A dedicated scholar and educator, Gray is one of the most dynamic chemists in the U.S. today. He has made seminal contributions to many areas of modern inorganic chemistry: his research in inorganic photochemistry is helping point the way toward artificial photosynthetic systems; and his pioneering studies on long-range electron transfer in proteins are elucidating the details of some of the most important reactions in biology. He has authored or coauthored 14 books and has published more than 500 scientific papers. Harry Gray is unique in the scientific world because of his combination of outstanding research and teaching and active role as an advocate for the sciences.

1994 FRED BASOLO LECTURE

Speaker
Professor Harry Gray
Arnold O. Beckman Professor of Chemistry and
Director of the Beckman Institute
California Institute of Technology

Friday, November 18, 1994

Special BIP in Conference Room 2891	1:00 pm
Refreshments (Lecture Room 3)	3:45 pm
Duward F. Shriver (Northwestern University) ***Welcome***	4:00 pm
Andrew Wojcicki (Ohio State University) ***Introduction of Speaker***	4:05 pm
Harry Gray (California Institute of Technology) ***Electron Tunneling in Metalloproteins***	4:10 pm
Thomas V. O'Halloran (Northwestern University) ***Award Presentation***	5:00 pm

Lecture Room 3
Technological Institute
2145 Sheridan Road
Evanston, Illinois

Reception following lecture in Tech Faculty Lounge (Room 4587)

FRED BASOLO

The ***Fred Basolo Lectures*** were established by the former students of Fred Basolo in appreciation for his contributions to inorganic chemistry at Northwestern University. Basolo arrived at Northwestern in 1946 and was able to help make the department one of the very best in inorganic chemistry in the US, a position it still maintains today.

Fred Basolo was born in Coello, Illinois in 1920. He went to SINU where he received a B.Ed. degree in 1940 and then to the University of Illinois where he received a Ph.D. with John C. Bailar, Jr. in 1943. After working at Rohm & Haas, he joined the faculty at Northwestern in 1946. In 1980, the University honored him with the Charles E. and Emma H. Morrison Professorship of Chemistry.

Basolo is internationally recognized for his original contributions to the syntheses and reaction mechanisms of transition-metal Werner complexes, and he has done some of the seminal work in the developing fields of organometallic and bioinorganic chemistry. He is also a truly gifted teacher. Many of his former students occupy prominent academic and industrial positions. He has over 400 scientific publications and has coauthored two books. Basolo has influenced students worldwide to study inorganic chemistry, and received the 1992 ACS Pimentel Award in Chemical Education.

Equally outstanding are Basolo's contributions to the profession of chemistry. He served as President of the American Chemical Society in 1983 and as Chairman of the Chemistry Section of AAAS in 1979. He was a member of the Board of Trustees of the Gordon Research Conferences and its chairman in 1976.

Some of the many honors received by Basolo include membership in the National Academy of Sciences, the American Academy of Arts and Sciences, foreign membership in the Italian Academy of Sciences Lincei, as well as the ACS Awards for Research and for Service in Inorganic Chemistry.

Previous lecturers in this series are:
1991 Ralph G. Pearson, University of California, Santa Barbara
1992 Henry Taube, Stanford University
1993 Jack Halpern, University of Chicago

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

June 8, 1994

Professor Fred Basolo
Department of Chemistry
Northwestern University
2145 Sheridan Road
Evanston, Illinois 60208 3113

Dear Fred,

Thank you for your gracious note.

Sadly, Isabel and I have never been to St. Petersburg but hope to make up for it one of these days. Now that I have completed my autobiography I will concentrate on a book on paintings, and will also try to visit museums more.

All good wishes.

Sincerely,

(Dictated by Dr. Bader
and signed in his absence)

NORTHWESTERN UNIVERSITY

Fred Basolo
Charles E. and Emma H. Morrison
Emeritus Professor of Chemistry

Department of Chemistry
2145 Sheridan Road
Evanston, Illinois 60208-3113
Telephone (708) 491-3793
Facsimile (708) 491-7713
Internet: chemdept@
chem.nwu.edu.

June 1, 1994

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

Dear Al:

Congratulations on the well-deserved 1995 Charles Lathrop Parsons Award of the ACS. I was delighted to read the good news in ***C&E News***, and to see the very fine picture of you and Isabel. Here is wishing you both have a good summer.

I just returned from Russia where in St. Petersburg at the museum I saw their excellent collection of paintings which I am sure you have visited several times.

Kind personal regards and best wishes to you and to Isabel,

Sincerely,

Fred Basolo

FB/jg

C A S

COLLEGE OF ARTS AND SCIENCES

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

April 6, 1994

Professor Duward F. Shriver, Chair
Department of Chemistry
Northwestern University
2145 Sheridan Road
Evanston, Illinois 60208 3113

Dear Professor Shriver:

I received your kind invitation of March 18th to attend the Charles Hurd Lecture to be held on March 30-31 in the mail, yesterday. Unfortunately, as you will see from the enclosed, it was addressed to Aldrich, from which I was dismissed some two years ago; the enclosed describes the circumstances.

I don't think that the delay at Aldrich was deliberate; Aldrich often uses temporary help in the mail room and to send letters on to me do not have a high priority. Just yesterday, I received an air mail letter, mailed from London on February 2!

I don't have to tell you how good a friend Charles Hurd has been to Aldrich and to me, and I would have loved to have attended the lectures. Hopefully Charles and I will still be around for next year's lectures, and I would like to ask you to send the invitation to me at home.

Best personal regards.

Sincerely,

Enclosures
c: Dr. Jai Nagarkatti

NORTHWESTERN UNIVERSITY

Department of Chemistry
2145 Sheridan Road
Evanston, Illinois 60208-3113

March 18, 1994

Dear Friend of the Chemistry Department:

Enclosed please find information on this year's Hurd Lectures, presented by Dr. David Milligan, Vice President, Abbott Laboratories. The lectures will be held on March 30 & 31 and April 1. We cordially invite you to attend.

The Chemistry Department

C A S
COLLEGE OF ARTS AND SCIENCES

THE 1994

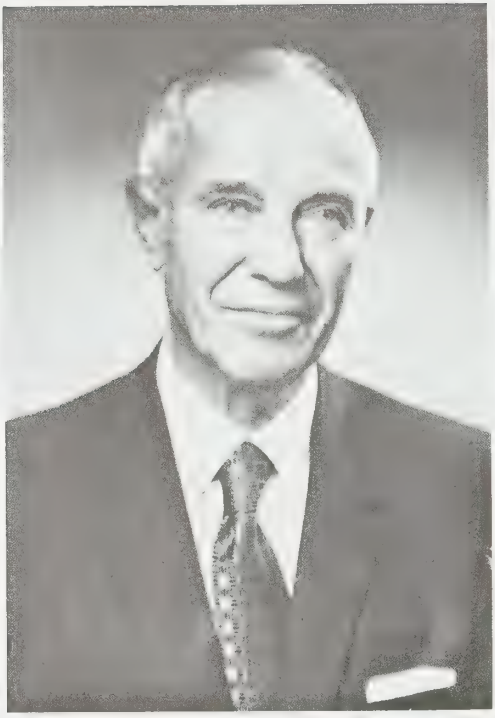
CHARLES D. HURD

LECTURES

CHEMISTRY

NORTHWESTERN UNIVERSITY

Evanston, Illinois



Charles D. Hurd

1994 Charles D. Hurd Lectures

Speaker
Dr. David V. Milligan
Vice President
Pharmaceutical Products Research and Development
Abbott Laboratories

Wednesday, March 30 **4:00 p.m.**

"Biotechnology"
Cocktail reception at 5:15 p.m. in the fourth floor faculty lounge in Tech.

Thursday, March 31 **4:00 p.m.**

"Drug Discovery and Development in the '90's"

Friday, April 1 **4:00 p.m.**

"The Future"

Northwestern University
Technological Institute
Lecture Room 3
2145 Sheridan Road
Evanston, Illinois

Refreshments will be served before each lecture at 3:45 p.m.

Dr. David V. Milligan

David V. Milligan is Vice President of Pharmaceutical Products Research and Development for Abbott Laboratories, which is headquartered some 40 miles north of Chicago. Born in Evanston, Illinois, Dave attended Evanston Township High School and Princeton University, where he graduated with an A.B. degree in chemistry in 1963. He then returned to his native state where he earned M.S. and PhD degrees in organic chemistry in 1965 and 1967 respectively at the University of Illinois at Urbana.

Dr. Milligan began his industrial career in 1967 with the 3M Company's Photographic Products Division. His assignments there ranged from marketing research through R&D and quality control management. In 1973, Dr. Milligan moved to Litton Medical Systems as Vice President of the Photochemical Division where he was responsible for marketing and new product development. In 1979, he joined Abbott in an R&D management role. He became Vice President of Diagnostic Products R&D in 1983 and was elected a corporate officer a year later. In 1992, Dr. Milligan assumed his present role heading Pharmaceutical Products R&D. Dr. Milligan and his wife, Sue, have four children, three grandchildren and reside in Libertyville, Illinois.

History of the Charles D. Hurd Lectures

The Charles D. Hurd Lectures were established to educate students and faculty at Northwestern University about industrial research via direct interaction with distinguished scientists. It is entirely fitting that the lectureship be named in honor of Charles D. Hurd, Clare Hamilton Hall Research Professor Emeritus. From the time of his initial appointment to Northwestern University in 1924, Professor Hurd has maintained close ties with industry. He served as a consultant to various companies over a period of four decades, has twelve patents, and has utilized grants from industry in helping to establish research in organic chemistry at Northwestern University.

Professor Hurd has approximately 300 scientific publications, including the seminal monograph "Pyrolysis of Carbon Compounds." In addition, Professor Hurd was one of the founding editors of the *Journal of Organic Chemistry*, served as a consultant on all chemical terms in the unabridged *Webster's Third New International Dictionary*, and has contributed to various encyclopedias. His passion for correct nomenclature and the precise use of language was recognized by the 1971 Austin M. Patterson Award. Furthermore, the books *Organic Nomenclature: A Progammed Introduction* by J. G. Traynham, *Organic Chemistry* by Smith and Cristol, and *The Chemist's English* by R. Schoenfeld were dedicated to Charles D. Hurd.

Charles D. Hurd Lecturers

1971 **Wesley T. Hanson**
Director of Research, Eastman Kodak Company

1972 **Byron Riegel**
Formerly the Director of Research, G. D. Searle & Company

1973 **William A. Franta**
Director, Research and Development Division, Plastics Department, E. I. du Pont de Nemours & Company

1974 **Vladimir Haensel**
Vice President, Science and Technology, Universal Oil Company

1975 **William P. Slichter**
Executive Director of Research for the Materials Science and Engineering Division, Bell Laboratories

1976 **Turner Alfrey, Jr.**
Research Scientist, Central Research, Dow Chemical U.S.A.

1977 **Howard L. Gerhart**
Director, National Coatings Center, Carnegie-Mellon Institute of Research

1978	**Ulrich Merten** Vice President, Corporate Research and Chemicals, Gulf Research and Development Company
1979	**James F. Roth** Director of Process Sciences, Corporate Research Laboratories, Monsanto Co.
1980	**Alan Schriesheim,** General Manager of Engineering Technology, Exxon Research and Engineering Company
1981	**Keith McHenry** Vice President of Research and Development, Amoco Oil Company
1982	**Robert K. Grasselli** Senior Scientist, The Standard Oil Company Research Center
1983	**Donald J. Peterson** Director, Corporate Technology Division, The Procter and Gamble Company
1984	**Robert E. Naylor** Vice President, Corporate Director of Research, Rohm & Haas Company
1985	**Ralph F. Hirschmann** Senior Vice President, Basic Research, Merck & Company, Incorporated
1986	**George S. Hammond** Executive Director, Biosciences, Metals & Ceramics, Allied Corporation
1987	**Thomas J. Savereide** Executive Director, Corporate Research, 3M Company
1988	**Jack C. Chang** Director, Corporate Research Laboratories, Eastman Kodak Company
1989	**Alfred R. Bader** Chairman, Sigma-Aldrich Company
1990	**James A. Cusumano** Chairman, Catalytica, Incorporated
1991	**Robert M. Nowak** Chief Scientist and Director of Central Research, Dow Chemical Company
1992	**Donald R. Weyenberg** Senior Vice President and Chief Scientist, Dow Corning Corporation
1993	**Thomas Manuel** General Manager, Corporate Science and Technology Center, Air Products and Chemicals, Inc.

Faculty of the Department of Chemistry

Donald E. Ellis	Physics and Chemical Physics
Brian M. Hoffman	Physical and Bio-inorganic Chemistry
Joseph T. Hupp	Analytical Chemistry
James A. Ibers	Inorganic and Structural Chemistry
Martin F. Jarrold	Physical Chemistry
Harold H. Kung	Chemical Engineering and Physical Chemistry
Joseph B. Lambert	Organic and Physical-Analytical Chemistry
David LeMaster	Biochemistry
Frederick D. Lewis	Organic Chemistry
Paul A. Loach	Biochemistry
Tobin J. Marks	Inorganic Chemistry
Frank McDonald	Organic Chemistry
Chad A. Mirkin	Inorganic Chemistry
Thomas V. O'Halloran	Inorganic and Biochemistry
Ken Poeppelmeier	Inorganic Chemistry
John A. Pople	Theoretical Chemistry
Mark A. Ratner	Physical Chemistry
Eric J. Roskamp	Organic Chemistry
Wolfgang M.H. Sachtler	Physical Chemistry
George C. Schatz	Theoretical Chemistry
Duward F. Shriver	Inorganic Chemistry
Richard B. Silverman	Organic Chemistry
Ken G. Spears	Physical Chemistry and Chemical Physics
Peter C. Stair	Physical Chemistry
Richard P. Van Duyne	Analytical Chemistry
Eric Weitz	Physical Chemistry and Chemical Physics
Jonathan Widom	Biophysical Chemistry

Emeritus Professors

A. Louis Allred	Inorganic Chemistry
Fred Basolo	Inorganic Chemistry
Frederick G. Bordwell	Organic Chemistry
Robert L. Burwell	Physical Chemistry
Donald D. DeFord	Analytical Chemistry
Charles D. Hurd	Organic Chemistry
L. Carroll King	Organic Chemistry
Irving M. Klotz	Physical-Biophysical Chemistry
Robert L. Letsinger	Organic and Biochemistry
Herman Pines	Organic Chemistry

IMPORTANT MESSAGE

FOR AB

DATE 1/4 TIME 12:45 A.M. P.M.

M Bob Wandler

OF MW

PHONE
AREA CODE NUMBER EXTENSION

TELEPHONED	✓	PLEASE CALL	
CAME TO SEE YOU		WILL CALL AGAIN	
WANTS TO SEE YOU		RUSH	
RETURNED YOUR CALL		SPECIAL ATTENTION	

MESSAGE

Dr Mark Gregson (PLH empl.)
got PHD with
Prof Strauss

SIGNED

LITHO IN U.S.A

TOPS FORM 3002S

NOTES:

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

January 17, 1994

Professor Duward F. Shriver, Chair
Department of Chemistry
Northwestern University
2145 Sheridan Road
Evanston, Illinois 60208 3113

Dear Professor Shriver:

You must have realized how very much Isabel and I enjoyed the hours we spent with you on January 7th. It was so good to see old friends, particularly Charles Hurd, who has helped me so very much since first we met in 1950.

Your and Mrs. Shriver's personal kindness really moved us: how many other chemists would have driven all the way to the freeway just to show us where to go?

Many thanks for your help, and best personal regards.

Sincerely,

NORTHWESTERN UNIVERSITY

Department of Chemistry
2145 Sheridan Road
Evanston, Illinois 60208-3113

11 January 1994

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

Dear Alfred:

This note is to thank you for your elegant and interesting Chemistry Department Colloquium on January 7. It was very well received and its success suggests that we should schedule more colloquia with a historical perspective.

I also thank you on behalf of the Department for your contributions to the Hurd and Basolo Lecture Funds. They are both very special people who were responsible for building the department and who remain engaged in department affairs. These lectureships serve the double purpose of bringing leading figures from industry and academics to the department and introducing students and new faculty members to the people who helped shape the department. We are grateful to you for your generosity.

I hope that your return trip to Milwaukee was uneventful.

Best regards.

Sincerely,

Du Shriver
Morrison Professor
and Department Chair

DFS/bc

C A S
COLLEGE OF ARTS AND SCIENCES

NORTHWESTERN UNIVERSITY

Fred Basolo
Charles E. and Emma H. Morrison
Emeritus Professor of Chemistry

Department of Chemistry
2145 Sheridan Road
Evanston, Illinois 60208-3113
Telephone (708) 491-3793
Facsimile (708) 491-7713
Bitnet CHEMDEPT@NUACC
Telex 446116 NUCHEM

January 10, 1994

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

Dear Al:

It was a real pleasure to have you and Isabel visit us and stay for dinner. Sorry it was such a bitter cold night, but you people from Milwaukee are even more accustomed to such weather than are we so I trust the drive back was OK.

Al, yours was the best lecture I have heard in recent years and our students, postdoctorates and faculty agree that it was excellent. It is clear from your talk that you did careful research on the subject, and you organized it in a way to make for a delightful presentation.

Again, Charles and I, along with the department and the university, thank you and Isabel for your support of the Hurd and the Basolo Lectures. You asked if the lectures are completely endowed, and unfortunately the answer is no. The Hurd Lecture was started in 1971 when I was department chairman, and when we were thinking of starting an industrial associates program. Having been a Hurd Lecturer you know how this works. Often the lecturer's industry pays travel expenses and the lecturer may not even accept an honorarium. Thus, the cost has been rather modest over the years.

The Basolo Lecture was started by my former students with funds remaining from gifts for the Basolo-70 celebration of my 70th birthday. I am told the endowment fund has reached about half of its goal required for complete support. Now the support each year is from small gifts of students and postdoctorates, so your gift is very helpful and is much appreciated. You will be sent a notice later that the 1994 lecturer is Harry Gray, my former student.

I will want to get a copy of the booklet on our inorganic compounds, when it is in print. This is another interesting thing you started, which we chemists hope Aldrich will continue.

Kind personal regards and best wishes to you and to Isabel.

Sincerely,

Fred Basolo

cc: D. Shriver
FB/jg

C A S

COLLEGE OF ARTS AND SCIENCES

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

December 27, 1993

Professor Duward F. Shriver, Chair
Department of Chemistry
Northwestern University
2145 Sheridan Road
Evanston, Illinois 60208-3113

Dear Professor Shriver:

In response to your letter of December 21st, Isabel and I look forward to being with you before 4 p.m. on Friday, January 7th.

Of course we much look forward to being able to greet Professors Basolo and Hurd.

The title of the lecture will be "Josef Loschmidt--The Father of Molecular Modelling" for which I will need two slide projectors and two screens.

We accept your kind invitation for dinner, but if the weather is clear then we would much like to drive back to Milwaukee on Friday evening. If, however, road conditions are bad, we will gladly accept your invitation to stay at a hotel.

Best wishes.

Sincerely,

Enclosure

NORTHWESTERN UNIVERSITY

Department of Chemistry
2145 Sheridan Road
Evanston, Illinois 60208-3113

December 21, 1993

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

Dear Dr. Bader:

This note is to initiate arrangements for your colloquium on Friday, January 7. Our colloquia are held at 4:00 p.m. and we would like to arrange for you and your wife to have dinner with a group of faculty and stay at the Omni Orrington that evening. Please let us know your travel plans and dates so that we can make proper arrangements. Do you wish to title your lecture Josef Loschmidt, the father of molecular modeling?

We look forward to your visit.

Sincerely,

Dave Shriver

Duward F. Shriver
Morrison Professor and Chair

PS
Fred Basolo will be in town on the 7th and look forward to your visit. Charles is a bit weak and disoriented these days but I am sure he would enjoy seeing you at any point.

DS/bc

NORTHWESTERN UNIVERSITY

Department of Chemistry
2145 Sheridan Road
Evanston, Illinois 60208-3113

December 21, 1993

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

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We look forward to your visit.

Sincerely,

Duward F. Shriver
Morrison Professor and Chair

PS Fred Basolo will be in town on the 7th and look forward to your visit. Charles is a bit weak and disoriented these days but I am sure he would enjoy seeing you at one point.

DS/bc

C A S
COLLEGE OF ARTS AND SCIENCES

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

December 27, 1993

Professor Duward F. Shriver, Chair
Department of Chemistry
Northwestern University
2145 Sheridan Road
Evanston, Illinois 60208-3113

Dear Professor Shriver:

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Best wishes.

Sincerely,

Enclosure

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

April 21, 1993

Dr. Allan H. Cohen
First Analysis Corporation
Sears Tower, Suite 9600
233 South Wacker Drive
Chicago, Illinois 60606

Dear Al:

You must have realized how very much we enjoyed the visit with you and Barbara and Jeffrey and Ian last Saturday.

On checking, I found that my talk at Northwestern will not be until the afternoon of January 7, 1994, weather permitting. It would great to be able to see you there, but also before then.

Best wishes from house to house,

NORTHWESTERN UNIVERSITY

Department of Chemistry
2145 Sheridan Road
Evanston, Illinois 60208-3113

April 12, 1993

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

Dear Dr. Bader:

This note is to acknowledge your letter of March 29. We look forward to your visit and lecture on July 7, 1994. We can work out the details in the fall.

Best regards.

Sincerely yours,

Duward F. Shriver
Morrison Professor and Chair

January 7 94

Best wishes

Apr. 2 1993

DFS/bec

C A S
COLLEGE OF ARTS AND SCIENCES

THE 1993

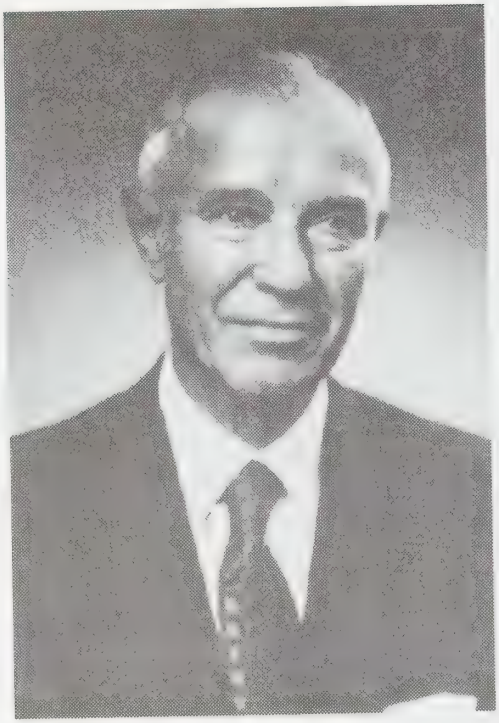
CHARLES D. HURD

LECTURES

CHEMISTRY

NORTHWESTERN UNIVERSITY

Evanston, Illinois



Charles D. Hurd

1993 Charles D. Hurd Lectures

Speaker
Dr. Thomas A. Manuel
General Manager
Corporate Science and Technology Center
Air Products and Chemicals, Inc.

Monday , February 22 **4:00 p.m.**

"Chemistry at Air Products - A Company Built Out of Thin Air"
Cocktail reception at 5:15 p.m. in the fourth floor faculty lounge of Tech.

Tuesday , February 23 **4:00 p.m.**

"Green Chemistry - Aqueous Polymer Systems and NO_x Control Catalysts"

Wednesday, February 24 **4:00 p.m.**

"Getting It Together - Academic, Chemical Industry, and Government Interfaces"

Northwestern University
Technological Institute
Lecture Room 3
2145 Sheridan Road
Evanston, Illinois

Refreshments will be served before each lecture at 3:45 p.m

Dr. Thomas A. Manuel

Thomas A. Manuel is General Manager of the Corporate Science and Technology Center at Air Products and Chemicals, Inc. A native of Austin, Texas, he earned a B.A. degree (1957) from Ohio Wesleyan University and A.M. (1958) and Ph.D. (1961) degrees in Chemistry from Harvard University, where his research was directed by Professor F. G. A. Stone.

Dr. Manuel began his industrial career as a research chemist in the Central Basic Research Laboratory at Esso Research and Engineering Co., and in 1966 moved into the Elastomers Technology Division of Exxon Chemical Company where he occupied several research and management positions. In 1977 he joined Air Products and Chemicals, Inc. as Director of Polymer Chemicals R&D. After assignments as General Sales Manager for Polymer Chemicals, Director of Polymer Technology, and General Manager of Chemicals Technology and Commercial Development, he assumed his present position in 1989. In his early career he concentrated on coordination chemistry and later on polymers. He has contributed to over 20 scientific publications and 9 U.S. patents. He is presently active in the Industrial Research Institute and the Council for Chemical Research. He has two grown children and resides in Allentown, PA, with his wife Nancy.

History of the Charles D. Hurd Lectures

The Charles D. Hurd Lectures were established to educate students and faculty at Northwestern University about industrial research via direct interaction with distinguished scientists. It is entirely fitting that the lectureship be named in honor of Charles D. Hurd, Clare Hamilton Hall Research Professor Emeritus. From the time of his initial appointment to Northwestern University in 1924, Professor Hurd has maintained close ties with industry. He served as a consultant to various companies over a period of four decades, has twelve patents, and has utilized grants from industry in helping to establish research in organic chemistry at Northwestern University.

Professor Hurd has approximately 300 scientific publications, including the seminal monograph "Pyrolysis of Carbon Compounds." In addition, Professor Hurd was one of the founding editors of the *Journal of Organic Chemistry*, served as a consultant on all chemical terms in the unabridged *Webster's Third New International Dictionary*, and has contributed to various encyclopedias. His passion for correct nomenclature and the precise use of language was recognized by the 1971 Austin M. Patterson Award. The books *Organic Nomenclature: A Progammed Introduction* by J. G. Traynham, *Organic Chemistry* by Smith and Cristol, and *The Chemist's English* by R. Schoenfeld were dedicated to Charles D. Hurd.

Charles D. Hurd Lecturers

1971 **Wesley T. Hanson**
Director of Research, Eastman Kodak Company

1972 **Byron Riegel**
Formerly the Director of Research, G. D. Searle & Company

1973 **William A. Franta**
Director, Research and Development Division, Plastics Department, E. I. du Pont de Nemours & Company

1974 **Vladimir Haensel**
Vice President, Science and Technology, Universal Oil Company

1975 **William P. Slichter**
Executive Director of Research for the Materials Science and Engineering Division Bell Laboratories

1976 **Turner Alfrey, Jr.**
Research Scientist, Central Research, Dow Chemical U.S.A.

1977 **Howard L. Gerhart**
Director, National Coatings Center, Carnegie-Mellon Institute of Research

1978 **Ulrich Merten**
Vice President, Corporate Research and Chemicals, Gulf Research and Development Company

1979 **James F. Roth**
Director of Process Sciences, Corporate Research Laboratories, Monsanto Co.

1980 **Alan Schriesheim,**
General Manager of Engineering Technology, Exxon Research and Engineering Company

1981 **Keith McHenry**
Vice President of Research and Development, Amoco Oil Company

1982 **Robert K. Grasselli**
Senior Scientist, The Standard Oil Company Research Center

1983 **Donald J. Peterson**
Director, Corporate Technology Division, The Procter and Gamble Company

1984 **Robert E. Naylor**
Vice President, Corporate Director of Research, Rohm & Haas Company

1985 **Ralph F. Hirschmann**
Senior Vice President, Basic Research, Merck & Company, Incorporated

1986 **George S. Hammond**
Executive Director, Biosciences, Metals & Ceramics, Allied Corporation

1987 **Thomas J. Savereide**
Executive Director, Corporate Research, 3M Company

1988 **Jack C. Chang**
Director, Corporate Research Laboratories, Eastman Kodak Company

1989 **Alfred R. Bader**
Chairman, Sigma-Aldrich Company

1990 **James A. Cusumano**
Chairman, Catalytica, Incorporated

1991 **Robert M. Nowak**
Chief Scientist and Director of Central Research, Dow Chemical Company

1992 **Donald R. Weyenberg**
Chief Scientist and Senior Vice-President for Science and Technology
Dow Corning Corp.

Faculty of the Department of Chemistry

Gary W. Ashley	Bioorganic Chemistry
Donald E. Ellis	Physics and Chemical Physics
Brian M. Hoffman	Physical and Bio-inorganic Chemistry
Joseph T. Hupp	Analytical Chemistry
James A. Ibers	Inorganic and Structural Chemistry
Martin F. Jarrold	Physical Chemistry
Harold H. Kung	Chemical Engineering and Physical Chemistry
Joseph B. Lambert	Organic and Physical-Analytical Chemistry
David LeMaster	Biochemistry
Frederick D. Lewis	Organic Chemistry
Paul A. Loach	Biochemistry
Frank E. McDonald	Organic Chemistry
Tobin J. Marks	Inorganic Chemistry
Chad A. Mirkin	Inorganic Chemistry
Thomas V. O'Halloran	Inorganic and Biochemistry
Kenneth R. Poeppelmeier	Inorganic Chemistry
John A. Pople	Theoretical Chemistry
Mark A. Ratner	Physical Chemistry
Eric J. Roskamp	Organic Chemistry
Wolfgang M.H. Sachtler	Physical Chemistry
George C. Schatz	Theoretical Chemistry
Duward F. Shriver	Inorganic Chemistry
Richard B. Silverman	Organic Chemistry
Kenneth G. Spears	Physical Chemistry and Chemical Physics
Peter C. Stair	Physical Chemistry
Richard P. Van Duyne	Analytical Chemistry
Eric Weitz	Physical Chemistry and Chemical Physics
Jonathan Widom	Biophysical Chemistry

Emeritus Professors

A. Louis Allred	Inorganic Chemistry
Fred Basolo	Inorganic Chemistry
Frederick G. Bordwell	Organic Chemistry
Robert L. Burwell	Physical Chemistry
Donald D. DeFord	Analytical Chemistry
Arthur A. Frost	Physical Chemistry
Charles D. Hurd	Organic Chemistry
L. Carroll King	Organic Chemistry
Irving M. Klotz	Physical-Biophysical Chemistry
Robert L. Letsinger	Organic and Biochemistry
Herman Pines	Organic Chemistry

Dr Alfred Bader
2961 North Shepard Avenue
Milwaukee, Wisconsin 53211

March 29, 1993

Professor Duward F. Shriver
Department of Chemistry
Northwestern University
2145 Sheridan Road
Evanston, Illinois 60208 3113

Dear Professor Shriver:

In response to your letter of March 18th, could we plan for the talk on Loschmidt for Friday, January 7, 1994, provided only that the weather is such that we can drive to Northwestern.

All good wishes.

Sincerely,

NORTHWESTERN UNIVERSITY

Department of Chemistry
2145 Sheridan Road
Evanston, Illinois 60208-3113

March 18, 1993

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

Dear Dr. Bader:

Recently we discussed the possibility of you giving a lecture this summer but the early August date that we discussed is not ideal because we are likely to be moving offices and laboratories at that time, as part of the chemistry renovation project. Let us try to reschedule your lecture for next Fall or Winter. To start the process, I would appreciate a list of acceptable dates between October 4, 1993 and March 13, 1994. The usual time for our colloquium is 4 to 5 p.m. on Friday.

Sincerely,

Duward F. Shriver
Morrison Professor and Chair

cc: Karen Long
DS/bec

C A S
COLLEGE OF ARTS AND SCIENCES

NORTHWESTERN UNIVERSITY

Department of Chemistry
2145 Sheridan Road
Evanston, Illinois 60208-3113

March 18, 1993

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

Dear Dr. Bader:

Recently we discussed the possibility of you giving a lecture this summer but the early August date that we discussed is not ideal because we are likely to be moving offices and laboratories at that time, as part of the chemistry renovation project. Let us try to reschedule your lecture for next Fall or Winter. To start the process, I would appreciate a list of acceptable dates between October 4, 1993 and March 13, 1994. The usual time for our colloquium is 4 to 5 p.m. on Friday.

Sincerely,

Jan 1 '94

Duward F. Shriver
Morrison Professor and Chair

cc: Karen Long
DS/bec

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

March 29, 1993

Professor Duward F. Shriver
Department of Chemistry
Northwestern University
2145 Sheridan Road
Evanston, Illinois 60208 3113

Dear Professor Shriver:

In response to your letter of March 18th, could we plan for the talk on Loschmidt for Friday, January 7, 1994, provided only that the weather is such that we can drive to Northwestern.

All good wishes.

Sincerely,

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

October 27, 1992

Professor D. F. Shriver, Head
Department of Chemistry
Northwestern University
2145 Sheridan Road
Evanston, Illinois 60208 3113

Dear Professor Shriver:

Thank you so much for your kind invitation to attend the Fred Basolo Lecture on November 6th. Unfortunately, Isabel and I cannot come, much as we would like to, because we will just be on our way to England.

Do you have ample funding both for the Basolo and Hurd lectures? If not, then it would make sense for you to allow us to augment the funds. Please do let me know.

I prepared a lecture on the work of Josef Loschmidt, and I enclose an abstract of this lecture, given at the Royal Institution in London. If you think that might be of interest to your chemists at Northwestern, then I would be very happy to present it.

All good wishes to you and your associates.

Sincerely,

Enclosure

NORTHWESTERN UNIVERSITY

Department of Chemistry
2145 Sheridan Road
Evanston, Illinois 60208-3113

October 19, 1992

Dr. & Mrs. A. Bader
2961 North Shepard Avenue
Milwaukee, WI 53211

Dear Dr. & Mrs. Bader:

Henry Taube will be the second Basolo Lecturer. I do hope you will be able to attend the lecture and reception that follows. Particulars are given in the enclosed brochure.

Sincerely yours,

D. F. Shriver
Morrison Professor and Chair

Encl.
DFS/jg

C A S
COLLEGE OF ARTS AND SCIENCES

THE 1992 FRED BASOLO LECTURE

CHEMISTRY

NORTHWESTERN UNIVERSITY
Evanston, Illinois

1992
FRED BASOLO LECTURE

Speaker
Dr. Henry Taube
Emeritus Professor of Chemistry
Stanford University

Friday, November 6

Special BIP in Conference Room 2891	10:00 a.m.
Refreshments (Lecture Room 3)	3:45 p.m.
Duward F. Shriver (Northwestern University) ***Welcome***	4:00 p.m.
Andrew Wojcicki (Ohio State University) ***Introduction of Speaker***	4:05 p.m.
Henry Taube (Stanford University) ***"New Directions in the Chemistry of Dihydrogen Complexes"***	4:10 p.m.
James A. Ibers (Northwestern University) ***Award Presentation***	5:00 p.m.

Lecture Room 3
Technological Institute
2145 Sheridan Road
Evanston, Illinois

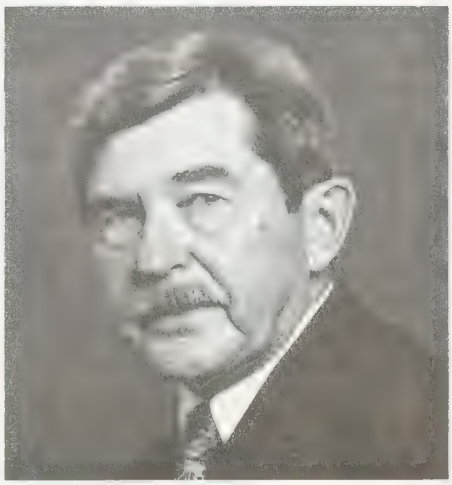
Reception following lecture in Tech Faculty Lounge
(Room 4587)

HENRY TAUBE

Professor Henry Taube was born in Neudorf, Saskatchewan, Canada in 1915, and he became a naturalized U.S. citizen in 1942. His undergraduate work at the University of Saskatchewan was followed there for an M.S. with Prof. J. W. T. Spinks. He went to the University of California, Berkeley for his Ph.D. in 1940 with Prof. W. C. Bray. Then the faculty academic career of Taube progressed as follows: University of California, Berkeley, 1940-41; Cornell University, 1941-46; University of Chicago, 1946-61; Stanford University, 1962-present.

Taube's honors and awards are most distinguished and are far too numerous to list. For example, a good year was 1983 when he received the following awards: National Academy of Sciences Award in Chemical Sciences; Bailar Medal, University of Illinois; Doctor of Science, University of Chicago; Robert A. Welch Foundation Award in Chemistry; Nobel Prize in Chemistry. Noteworthy is the fact that 1983 was the last year that such awards were not taxable by the IRS. The citation for his Nobel Prize is "for his work on the mechanisms of electron transfer reactions, especially in metal complexes."

The parents of Taube had immigrated to Canada from near Kiev in Russia, and they had little formal education. He states "being raised on a farm and it being a depression, I felt that I should be doing something applied and practical." Other notable quotes of his are "I'm a chemist and I wanted to know what happens when you mix things," and "I believe that chemistry is to a large extent a descriptive subject." What a satisfaction it must be to him knowing that his scientific contributions have made a tremendous difference to chemistry, and what a delight it would be to his parents whose dreams of a better life were achieved through their son.



Taube had a Guggenheim fellowship at Berkeley for half a year, which he devoted to reading the literature on the lability of metal complexes. This resulted in his publication of a most important review article (Chem. Rev. (1952) **50**, 69) that alerted inorganic chemists worldwide to the significance of investigations on the kinetics and mechanisms of inorganic reactions in solution. This understanding of ligand substitution reactivity in metal complexes allowed him to design and execute the classical experiments on "inner and outer-sphere" electron transfer reactions. His fundamental discovery has served as the basis for understanding the mechanisms of redox reactions wherever these are encountered.

In brief, Taube's revolutionary research serves as the basis for much of our knowledge of the reaction chemistry of transition metal complexes. He was the first to demonstrate several of the more important and widely used experimental methods for studying the mechanisms of inorganic reactions. His work is fundamental to an understanding of the energetics of biological processes, and as years pass our debt to Taube becomes ever more evident. His work has changed research in inorganic chemistry in a way matched by few other scientists since the coordination theory of Alfred Werner a century ago.

FRED BASOLO

The ***Fred Basolo Lectures*** are established by his former students in appreciation for his contributions to inorganic chemistry at Northwestern University. Basolo arrived at Northwestern in 1946 and was able to help make the department one of the very best in inorganic chemistry in the US — a position it still maintains today.

Fred Basolo was born in Coello, IL in 1920. He went to SINU where he received a B.Ed. degree in 1940 and then to UI where he received a Ph.D. with John C. Bailar, Jr. in 1943. After working at Rohm & Haas, he joined the faculty at NU. In 1980, the University honored him with the Charles E. and Emma H. Morrison Professorship of Chemistry.

Basolo is internationally recognized for his original contributions to the syntheses and reaction mechanisms of transition-metal Werner complexes, and he has done some of the seminal work in the developing fields of organometallic and bioinorganic chemistry. He is also a truly gifted teacher. Many of his former students occupy prominent academic and industrial positions. He has over 400 scientific publications and has co-authored two books. Basolo has influenced students worldwide to study inorganic chemistry, and received the 1992 ACS Pimentel Award in Chemical Education.

Equally outstanding are Basolo's contributions to the profession of chemistry. He served as President of the American Chemical Society in 1983, and as Chairman of the Chemistry Section of AAAS in 1979. He was a member of the Board of Trustees of the Gordon Research Conferences and its chairman in 1976.

Some of the many honors received by Basolo include being a member of the National Academy of Sciences, the American Academy of Arts and Sciences, a foreign member of the Italian Academy of Sciences Lincei, the ACS Awards for Research and for Service in Inorganic Chemistry.

We wish to thank the following for the support of the Basolo Lecture Fund.

Akzo
American Chemical Society
Amoco
Data Trace
Dow
Du Pont
Eastman Kodak
Gordon and Breach
Hoechst/Celanese
Monsanto
Other friends
Postdoctorates
Rohm & Haas
Shell Development
Students
Sun Oil
Ube Industries (American)
Union Carbide
John Wiley & Sons

Previous lecturers in this series are:
Ralph G. Pearson, University of California, Santa Barbara

ALFRED BADER FINE ARTS

DR. ALFRED BADER

ESTABLISHED 1961

April 24, 1995

Mr. Daniel E. Aultz
Manager, Business Development
Noramco, Inc.
410 George Street
New Brunswick, NJ 08901-2021

Dear Dan:

Surprisingly, *The Detective's Eye: Investigating the Old Masters* is still available from Aldrich, catalogue #Z18,350-4, priced at about $13.00, and I have just checked that they have quite a few copies on hand for immediate shipment.

I hope that you will also enjoy looking at *Adventures of a Chemist Collector*, which will be available beginning next month, distributed by Trafalgar Square at $25.00 a copy, ISBN #0297-83461-4.

With best regards, I remain,

Yours sincerely,

AB/cw

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

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DIRECT DIAL NUMBER 908-524- 1954

April 21, 1995

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

Dear Alfred:

I just reviewed a book that you and Isabel wrote entitled "The Detective's Eye, Investigating The Old Masters", published by the Milwaukee Art Museum in 1989.

Michael Bzdak, the Art Director at Johnson & Johnson, lent me his copy to read. I would very much like a personal copy.

Please let me know if it is still in print (available) and who I can contact in Milwaukee to order a copy.

I hope all is well with you and Isabel. Please give my regards to her.

Sincerely,

Daniel E. Aultz
Manager,
Business Development

DEA/jw

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

A Chemist Helping Chemists

April 30, 1996

Professor Fred Basolo
Department of Chemistry
Northwestern University
2145 Sheridan Road
Evanston, IL 60208-3113

Dear Fred:

Congratulations on winning the Willard Gibbs Medal. It couldn't happen to a greater guy.

We wish we could attend the banquet, but unfortunately, we have a prior commitment for that evening.

With all good wishes, I remain,

Yours sincerely,

AB/cw

100th Anniversary 1895 - 1995
Chicago Section AMERICAN CHEMICAL SOCIETY

7173 North Austin Avenue
Niles, Illinois 60714
(708) 647-8405 • RBBS / FAX (708) 647-8364
(Area Code 847 after Jan 15, 1996)

April 23, 1996

Dr. Fred Basolo of Northwestern University will be awarded the 85th WILLARD GIBBS MEDAL at a banquet to be held on Friday, May 24, 1996 at the Chicago O'Hare Marriott Hotel in Park Ridge, Illinois.

He has asked us to notify you of this award.

CHICAGO SECTION
AMERICAN CHEMICAL SOCIETY
7173 N. AUSTIN, NILES, IL 60714
(847) 647-8405

NEWS RELEASE

LOCAL "BOY" WINS TOP AWARD!
NORTHWESTERN UNIVERSITY STRIKES AGAIN!

Professor Fred Basolo of Northwestern University will be awarded the 85th 18 carat-gold WILLARD GIBBS MEDAL by the Chicago Section of the American Chemical Society. This is the most prestigious award for a chemist, next to the Nobel Prize; Dr. Basolo was chosen by an international jury of twelve prominent chemists.

While next to the prestigious Nobel Prize in Chemistry, many of the Gibbs Medal Awardees have gone on to win the Nobel Prize later in their careers, as exemplified by Madam Curie, Linus Pauling and Harold Urey, to name a few of the 24 Nobel Laureates. The Gibbs Medal Award was established in 1910 and named for J. Willard Gibbs of Yale University, an American born scientist, whose formulation of the "Phase Rule" founded a new science, as fundamental in nature as those of Newton and Galileo.

Our local "boy" was born on February 11, 1920 in Coello, Illinois, a suburb of Christopher. He attended elementary school in Coello, and graduated in the class of 1936 from Christopher Community High School. Thanks to a student-aid program of President FDR, Fred was able to attend Southern Illinois Normal University in Carbondale where he obtained a B.Ed. degree in 1940. There he was taught and advised by the "Four Horsemen" chemistry faculty of Professors Abbott, Neckers, Scott, and Van Lente to continue his study of chemistry in graduate school. Basolo did this at the University of Illinois where he obtained a Ph.D. degree in 1943. He then went to Philadelphia to work on a classified research project for the US during World War II. In 1946, he joined the faculty at Northwestern University, and he continues to go to his office every day now as Morrison Emeritus Professor of Chemistry.

Basolo has received world-wide honors for his scientific work and for his teaching that would require several pages to merely list. Most noteworthy are his membership in the National Academy of Sceiences and in the American Adademy of Arts and Sciences, which are the highest honors given a US scientist. In 1984 he received an Honorary Doctorate from SIU. He has traveled extensively worldwide giving invited lectures and being honored with awards in different countries.

Basolo was a native born local boy of Italian legal immigrant parents. His father was a coal miner and his older brother and sister both had to stop school to go to work during the years of the 1929 depression. Fred'd brother Martin and his wife Amelia started the Basolo's Groceries Store in Coello, which now is run by their 2 sons. Fred continues to return to the area on Memorial Day Weekend to pay respect to his deceased relations and to visit his former professors, Neckers and Van Lente at SIU.

For further information, please contact Ron Sykstus at above address/telephone. Thanks.

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

A Chemist Helping Chemists

October 16, 19952

Professor Fred Basolo
Department of Chemistry
Northwestern University
2145 Sheridan Road
Evanston, IL 60208-3113

Dear Fred:

I have just received Professor Ibers' invitation to come to the Basolo Lectures on November 3rd. Much as Isabel and I would like to come, a prior engagement makes this impossible.

We spent a delightful couple of hours with Charles Hurd last month and just hope that he enjoyed the meeting as much as we did. His hearing, like mine, is faltering, but for a man of 98, he is in remarkably good shape. We certainly hope that this will continue for a very long time.

With all good wishes, I remain,

Yours sincerely,

AB/cw

NORTHWESTERN UNIVERSITY

James A. Ibers
Morrison Professor & Chairman

Department of Chemistry
2145 Sheridan Road
Evanston, Illinois 60208-3113
Telephone (847) 491-2965
email: chair@chem.nwu.edu
Fax: (847) 491-2976

The current area code for Evanston is
708
the new area code will be effective 1/20/96

October 4, 1995

Dr. & Mrs. A. Bader
2961 North Shepard Avenue
Milwaukee, WI 53211

Dear Dr. & Mrs. Bader:

The Department of Chemistry at Northwestern University is pleased to invite you to the 1995 Fred Basolo Lecture. Professor Lawrence F. Dahl, R. E. Rundle and Hilldale Professor of Chemistry at the University of Wisconsin-Madison, will present the lecture entitled *New Frontiers in High-Nuclearity Transition Metal Cluster Chemistry.*

The lecture will take place at 4:00 p.m. on Friday, November 3, 1995, in Lecture Room 3 of the Technological Institute, 2145 Sheridan Road, Evanston, Illinois. Refreshments will be served before the presentation at 3:45 p.m. and a reception will follow in the fourth floor faculty lounge at 5:15 p.m.

We hope that you will join us for the Basolo lecture and reception.

Sincerely,

James A. Ibers

Enclosure

C A S

COLLEGE OF ARTS AND SCIENCES

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

A Chemist Helping Chemists

August 8, 1995

Professor Fred Basolo
Department of Chemistry
Northwestern University
2145 Sheridan Road
Evanston, IL 60208-3113

Dear Fred:

Isabel and I would very much like to visit Charles Hurd sometime in August.

May I impose on you to send me his exact address, telephone number and perhaps a simple map of how best to get there?

With many thanks and all good wishes, I remain,

Yours sincerely,

AB/cw

Printed
on recycled paper

Rejoice

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50X9359A

Dear Al,

I hope you and Isabel have a good winter. Perhaps you can arrange to attend the third Lecture & reception on Feb 15. I think we plans to be there. Best Wishes,

Fred

Wishing you harmony, peace and love this holiday season

Mary & Fred

Isabel

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

January 4, 1995

Professor Fred Basolo
Department of Chemistry
Northwestern University
2145 Sheridan Road
Evanston, Illinois 60208 3113

Dear Fred,

I am sorry to note that the Hurd Lecture will be on February 15th, because long ago I agreed to give two A.C.S. lectures in Minneapolis on that day.

As soon as the snow is gone we plan to drive to Evanston to visit with Charles and to show him my autobiography, which contains a good photo of him and a good deal about his efforts to help Aldrich, including his very first corrections of the early 1950s.

All good wishes for 1995.

Sincerely,

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

January 18, 1995

Professor Fred Basolo
Department of Chemistry
Northwestern University
2145 Sheridan Road
Evanston, Illinois 60208 3113

Dear Fred,

May I ask you for a favor?

As you will see from the enclosed, I wrote to Charles Hurd, who has moved, I presume, to a nursing home. Do read the amusing correspondence, and then, if possible, please mail it to Charles at his new address.

All good wishes.

Sincerely,

NORTHWESTERN UNIVERSITY

Fred Basolo
Charles E. and Emma H. Morrison
Emeritus Professor of Chemistry

Department of Chemistry
2145 Sheridan Road
Evanston, Illinois 60208-3113
Telephone (708) 491-3793
Facsimile (708) 491-7713
Internet: chemdept@
chem.nwu.edu

April 7, 1995

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

Dear Al:

It was good to see you and Isabel at the ACS meeting, and to hear your excellent talk. Thank you for the invitation to your *Charles Lathrop Parsons Award* dinner, I would not have wanted to miss it.

Good to hear that your autobiography is now in print, and that you plan to come give Charles Hurd a copy. Please let me know if I can be of help when you come.

Also I was so moved by your award address on chemophobia that I told my luncheon colleagues about it, and we all agreed that it would be nice to have you give the same talk here sometime. Perhaps a good time would be when you come to visit Charles. Our department is flexible, and we could fit it in whenever you say so long as the students are present.

Kind personal regards and best wishes to you and Isabel,

Sincerely,

Fred Basolo

FB/jg

C A S

COLLEGE OF ARTS AND SCIENCES

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

A Chemist Helping Chemists

August 27, 1996

Professor Sheldon G. Shore
Department of Chemistry
Ohio State University
Newman and Wolfram Laboratory
100 West 18th Avenue
Columbus, OH 43210-1185

Dear Professor Shore:

Thank you so much for your kind letter of August 23rd.

Beginning with lectures not very far from you, at Marietta College, and followed by the Herbert Brown Symposium at Purdue, and the ACS meeting in San Francisco, our calendar for next spring has been filled up in an almost frightening manner, and so I am sorry that we could not accept your invitation for the BUSA meeting in Athens next May.

The one individual, other than Professor Brown, who has done the most in this country to help boron chemistry is Dr. Clinton Lane, and I enclose copies of pages 134 and 135 from my autobiography describing his work. Clint is now Executive Vice President at Aldrich, a very personable man and a good speaker. Have you considered inviting him?

Incidentally, my wife and I plan to drive to Marietta in March and if perchance you might like a lecture or two at Ohio State University following our visit to Marietta College, that would be a great deal easier. I enclose a menu of my talks.

With all good wishes, I remain,

Yours sincerely,

AB/cw
Enclosures
bc: Clinton Lane (w/encl.)

THE OHIO STATE UNIVERSITY

Department of Chemistry

Newman and Wolfrom Laboratory
100 West 18th Avenue
Columbus, OH 43210-1185

Phone 614-292-2251
FAX 614-292-1685
TELEX 332911
Answer Back Code: OSU CHEM UD

August 23, 1996

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

Dear Dr. Bader:

Thank you for your letter of August 2. We are very disappointed that you and your wife will not attend the BUSA meeting in Athens, Georgia. While we recognize and appreciate the problems associated with reaching Athens, Georgia from Milwaukee, Wisconsin, I am writing to ask if you would reconsider your decision. I understand that US Air has daily flights to Charlotte, North Carolina with connecting flights to Athens, Georgia. If you were to fly to Atlanta, I would be pleased to drive you and your wife to Athens. I would also be happy to return you to Atlanta after the meeting.

We would very much like to meet with you and have you serve as a distinguished speaker.

With best wishes, I am,

Sincerely yours,

Sheldon Shore

Sheldon G. Shore
Charles H. Kimberly
Professor of Chemistry

SGS/ds

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

A Chemist Helping Chemists

August 2, 1996

Professor Sheldon G. Shore
Department of Chemistry
Ohio State University
Newman and Wolfram Laboratory
100 West 18th Avenue
Columbus, OH 43210-1185

Dear Professor Shore:

I am honored by BUSA's decision to honor me with a special commendation for my efforts with borane reagents.

Unfortunately, Athens, Georgia is not easy to reach from Milwaukee, and so my wife and I will not be able to attend your conference, much as we would like to.

With all good wishes, I remain,

Yours sincerely,

AB/cw

THE OHIO STATE UNIVERSITY

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Answer Back Code: OSU CHEM UD

July 23, 1996

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

Dear Dr. Bader:

Boron USA (BUSA) is an organization that is composed of scientists from the North American Continent who are interested in the properties of boron containing materials. We meet once every two years, at which time principal investigators and students present results from their latest work. There are no special sessions on selected topics. The program is designed to expose attendees to work that is not in their particular area of interest as well as to provide exposure to topics more familiar to them. With this plan, we hope to provide a means for the cross-fertilization of ideas and to broaden participants' areas of interest. A second main objective of Boron USA is to encourage participation of students and post doctoral associates. To this end, what limited resources we have available are used to help defray the expenses of these junior participants. Senior participants receive no financial support.

In view of your strong and unflagging support of boron chemistry by making available borane reagents through Aldrich Chemical Company, the National Organizing Committee of BUSA has voted you a special commendation for your efforts in the commercialization and utilization of borane reagents. The citation will be presented at the next meeting, BUSA VI, to be held in Athens, Georgia, May 14-16, 1998. This citation will be presented at the conference banquet. At that time we would be honored to have you speak on a topic of your choice. We hope you will accept this invitation.

Sincerely yours,

Sheldon G. Shore
Charles H. Kimberly
Professor of Chemistry

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

A Chemist Helping Chemists

September 27, 1996

Professor Sheldon G. Shore
Department of Chemistry
Ohio State University
Newman and Wolfram Laboratory
100 West 18th Avenue
Columbus, OH 43210-1185

Dear Professor Shore:

Thank you for your very kind letter of September 13th.

Both Professor Brown and Clint Lane have pointed to the importance of the meeting of BUSA and that it will be held in May of 1998, not 1997.

My spring calendar fills up frighteningly quickly. Just to give you an idea about March and April of 1997, I have to be at Marietta on March 25th and 26th and, of course, want to be at Herb Brown's symposium at Purdue on April 5th. That will be followed by lectures in Indianapolis on the 7th, the ACS meeting in San Francisco the week of the 14th, Passover beginning on the 22nd, followed by three days of lectures at Boston College.

Clearly, there was a small window of time after Marietta when I would have very much enjoyed visiting Ohio State University.

I presume that you will be attending the Brown Symposium on April 5th, and I will then explain to you personally why I am so reluctant to commit for May 14-16, 1998 in Athens.

With all good wishes, I remain,

Yours sincerely,

AB/cw

c: Dr. Herbert C. Brown
Dr. Clinton Lane

THE OHIO STATE UNIVERSITY

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100 West 18th Avenue
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September 13, 1996

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

Dear Dr. Bader:

Thank you for your letter of August 17. From your letter, I am under the impression that you misunderstood the date of the BUSA meeting. It will be held in Athens, Georgia May 14-16, 1998. I hope you will be able to fit the date into your schedule. As I indicated in my last letter, I will be very pleased to provide transportation for you and your wife from Atlanta to Athens.

We are delighted that you are willing to speak at Ohio State following your visit to Marietta College. Unfortunately the dates you will be available will be between academic quarters, a time when many of our faculty and students will be traveling. Obviously we would prefer to have you visit when a large percentage of our department can attend your lecture. My chairman, Matt Platz is very enthusiastic about the possibility of a visit by you. He suggested that we try to set up an event that would be appropriate for an individual of your stature. We will try to make suitable arrangements for a meeting before a visit in spring. Although this may be difficult because of your tight schedule, hopefully this problem will not be insurmountable. We will be in touch with you as soon as the planning stage is complete.

With best wishes and kindest regards, I am,

Sincerely yours,

Sheldon

Sheldon G. Shore
Charles H. Kimberly Professor of Chemistry

SGS/pn

CORNELL NORBY
FINE ART

714 675 3339
P.O. BOX 15098-92659
NEWPORT BEACH, CALIFORNIA 92659
AS 714 675 5[illegible]

16 Sept 94

Alfred Bauer Fine Art
[illegible]

Dear Alfred

Thanks for your call! My FAX machine is ON. I have just received a message this morning on it. I did have a 'jam' a couple of days ago.

If you are calling regarding today's SCHRAGER auction, at this point I cannot come nor do I plan to bid.

My wife is back in the hospital, terminally ill with cancer. As you can understand, everything else is very secondary to my concerns.

Sincerely,

Cornell

Cornell Norby

CORNELL NORBY
FINE ART

714-675-5339
P. O. BOX 15098-92659
NEWPORT BEACH, CALIFORNIA 92659
FAX: 714-675-5017

29 August 1996

Alfred Bader Fine Arts
Astor Hotel Suite 622
924 East Juneau Ave
Milwaukee, WI 53202

Dear Friends:

Thank you for your note refering to the FERY coming up at the SCHRAGER auction!

I was aware of it, and other pieces of interest in their sale, and have ordered their video and catalog. I would like very much to be there in person to bid on the above, and other paintings of interest. But it is doubtful that I can get away, with my wife, June, battling cancer.

If I do get back, I will surely look forward to stopping in at your quarters to see what additional treasures you are displaying.

Cordially,

Cornell

Cornell Norby