



PROCEEDINGS

9th ANNUAL CONVENTION

OF THE



AMERICAN ASSOCIATION
OF BOVINE PRACTITIONERS

DECEMBER 8-11, 1976
SAN FRANCISCO HILTON
SAN FRANCISCO, CALIFORNIA



VETERINARY MEDICINE AND AGRICULTURE:
1976 AND BEYOND

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**Proceedings of the FIRST through THIRD AABP
Conventions were NOT published as separate publications.**

**PROCEEDINGS
of the
NINTH ANNUAL CONVENTION
AMERICAN ASSOCIATION OF BOVINE PRACTITIONERS**

**December 8-11, 1976
San Francisco Hilton
San Francisco, California**

Theme: Veterinary Medicine and Agriculture: 1976 and Beyond.



Edited by:
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Oklahoma State University
Stillwater, Oklahoma 74074*

Reflections

Dungeness crab, bay shrimp, Chinese and French restaurants, an All-American hamburger or a cut-to-order steak; sourdough French bread and sparkling northern California wine. Where else but in dazzling San Francisco! Just ask eleven hundred and fifty registrants, including three hundred wives, who attended the never-to-be-forgotten AABP convention in "everyone's favorite city," the crossroads to everywhere, San Francisco.

In keeping with the spirit of the Bicentennial year, the convention theme, "Veterinary Medicine and Agriculture: 1976 and Beyond," provided the keynote for an outstanding scientific program. The pre-convention tour through the orange groves in the San Joaquin Valley and some of the finest Holstein herds in the country was a superb success.

On a personal note, I would like to share with all of you my overwhelming pride as a member of this great organization. Each convention provides new friendships and an indelible belief that ours has

emerged as a truly outstanding Association whose members are resolute in their quest for new knowledge. Thanks to fine leadership through the years and the tireless efforts of our local organizers, we can truly adopt our slogan, "The sun never sets on the bovine practitioner."

There are many wonderful colleagues who ensured the success of our Ninth Annual Convention. To Dr. and Mrs. Robert Harris, Doctors Connor and Judy Jameson and all their wonderful colleagues, no words of mine could possibly express adequately our heartfelt thanks for their superb efforts and hospitality. Our thanks also to the program organizers and speakers for their part. President Leland Allenstein can be justly proud of his year of office.

To all these fine people, this publication is respectfully dedicated.

Sincerely,
Eric I. Williams
Editor



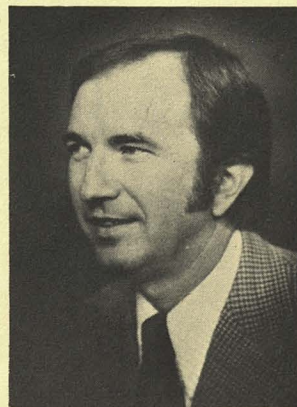
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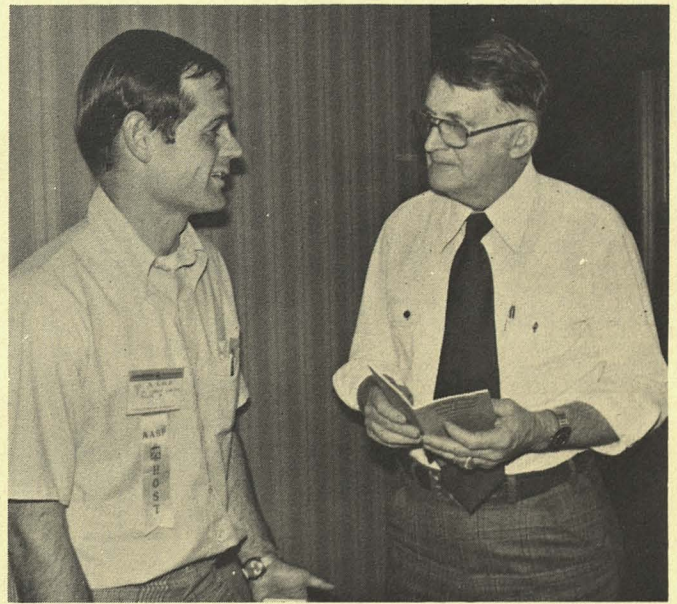
Dr. Sam Hutchins, Vermont

Ladies Program

Mrs. Robert Harris, California
Mrs. Judy Jameson, California

Local Arrangements

Dr. Connor Jameson, California



Dr. Robert Harris (right), program committee chairman, discussing the morning session with Dr. Connor Jameson, local arrangements committee chairman.

Registration

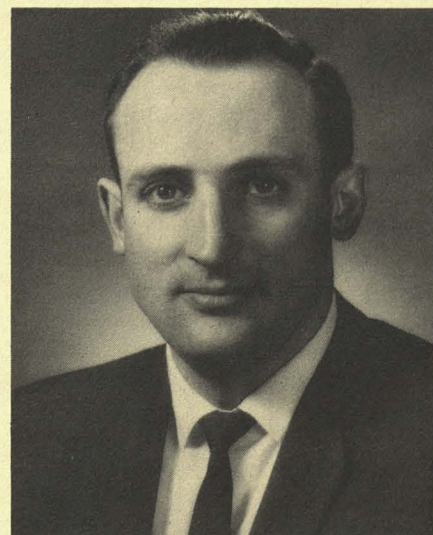
Mrs. Constance Dickson, California

The AAPB members wish to thank Mrs. Dickson for her gracious assistance with registration.



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| Albion Laboratories, Inc. 101 N. Main, P. O. Box E Cleafield, Utah 84015 | 60 |
| American Cyanamid Co. P. O. Box 400 Princeton, New Jersey 08540 | 4,5 |
| Animal Nutrition, Inc. 6608 W. Main Street Belleville, Illinois 62223 | 27 |
| Astoria Fibra-Steel, Inc. P. O. Box 726 Astoria, Illinois 61501 | 15,16 |
| Beecham Laboratories 501-551 Fifth Street Bristol, Tennessee 37602 | 56 |
| Bio-Ceutic Laboratories, Inc. 2621 N. Belt Highway St. Joseph, Missouri 64502 | 33 |
| Biozyme Enterprises St. Joseph, Missouri 64502 | 58 |
| Bowie Manufacturing, Inc. 313 S. Hancock Lake City, Iowa 51449 | 25,26,38,39 |
| Bristol Laboratories Thompson Road Syracuse, New York 13201 | 8 |
| Burns-Biotec Laboratories P. O. Box 3113 Omaha, Nebraska 68103 | 57 |
| Burroughs Wellcome P. O. Box 12338, 3030 Cornwallis Rd. Research Triangle Park North Carolina 27709 | 29 |
| Central City Medical 1027 Branston Rd. San Carlos, California 94070 | 46 |
| Craig Labs Veterinary Division - 1 Wisconsin Ave. Norwich, Connecticut 06360 | 10 |
| Dairy Equipment Co. 1919 S. Sloughton Rd. Madison, Wisconsin 53701 | 63,64 |
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| Diamond Laboratories, Inc. P. O. Box 863 Des Moines, Iowa 50304 | 36,37 |
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| Hoffman-LaRoche, Inc. 340 Kingsland Road Nutley, New Jersey 07110 | 50,51 |
| Howard Agriculture Consultation & Research 4275 Highway 86 - P. O. Box 191 Brawley, California 92227 | 54 |
| International Multifoods 120 Multifoods Building - Eight and Marquette Minneapolis, Minnesota 55402 | 9 |
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| Pitman-Moore, Inc. P. O. Box 344 Washington Crossing, New Jersey 08560 | 17 | Veterinary Medicine Publishing Co. 144 N. Nettleton Bonner Springs, Kansas 66012 | 65 |
| Porta-Vet Industries, Inc. Hudson, Iowa 50643 | 6,7 | Vet Kem Laboratories 12200 Denton Drive Dallas, Texas 75234 | 19 |

Lunch in Exhibitors' Area

