JULY/AUGUST/SEPTEMBER

WBAALAS Newsletter



September 2000

I believe it is going on the 6th year that the Washington Branch picnic has been held at Gerri and Ron's house. This year was marked officially by the pit being dug! Yes, and "cooked" pork came out of it, too. Thanks to the hard work and business scruples of Shawn Orta and Co., we can once more have a WBAALAS pig roast. Paul Chavez stepped up to the plate to show us how to properly cook a sus scrofa. Other than having to battle to save my pink cookie from a lurking cookie monster, it was a very relaxed and pleasant afternoon.

This years Technician of the Year award went to Michael Golubev. The Washington branch Member of the Year award was presented to Cindy Pekow. But the big news of the day was the announcement of the National AALAS election results! Cindy Pekow will be the president-elect next year.

Our speaker for the afternoon was Bruce Kennedy talking about the changes in the National AALAS certification program. Bruce is the incoming Chair for the Education Resources Committee and was more than happy to answer any questions. Feel

is listening.

I'm afraid I had to scoot out before the oysters were unpacked. Luckily, Jolene Kidney, from Pathogenesis (Chiron) was there for back-up. She took over the shucking like a trooper, from what I hear. Thanks to all the vendors (Edstrom, Allentown, B&K Universal, Pharmacal, Roseberry Associ-

Next year hopefully my bathroom remodel will be done and I won't have any other distraction and can stay until all those oysters are eaten. Mmmmmmmm, oysters...

thing is wonderful.

ates) that supported the picnic and a big thanks again to Gerri and Ron. I know

Gerri slaves for a week to make sure every-

Signing out: Gina



Inside this issue

Special points of interest:

A Call for Nominations for Board Members is on page 3. Please take the time to nominate someone you know for President-elect. Secretary or a one or two year Board Member position. The National AALAS Meeting will be in Seattle in 2003 and we're looking for individuals to become involved in the preparations. It's an exciting time, come is in the few life.

AALAS Certification Registry Program Feedback Project

was to solicit feedback on what the AALAS Registry means to you and on ways to improve the Over the course of this past year, the AALAS Certification Registry Committee with the generous aid of AALAS Branch Newsletter Editors conducted a questionnaire feedback project involving AALAS Branch Members through branch newsletters and websites. The goal behind this effort

this summer, the committee will merge with the Animal Technician Certification Board (ATCB) to become the Certification and Registry Board (CRB). The committee members wanted to use this The timing for this project was two-fold. First, the Registry had been fully recognized for over two years and it was time to evaluate it's progress. The second reason for this project was the changing committee status of the Certification Registry Committee (CRC). Over the course of project to identify and address issues involving the Registry.

before the project was implemented, but more importantly, the responses brought issues to our The Registry Committee was pleased with the detailed responses that we have received so far on this project. The responses pointed out some issues that committee members were aware of attention that we had not considered.

administrative issues with the Registry process. However, we were concerned that the respondents did not include any ALAT or RALAT individuals, which had been one of our that elected not to participate in the Registry, and AALAS certified individuals that experienced objectives for the project. The respondents to the questionnaire included current Registrants, AALAS certified individuals

experience working with the Registry will reduce some of the concerns. In terms of the bi-annua CEU requirement for RLAT (10 CEUs), RLAT (14 CEUs), and RLATG (24 CEUs), the majority of procedures, encouraging the use of the Pre-approved CEUs List, revisions to our forms, and the lot of good feedback. Hopefully, our additional communications regarding documentation For the responses involving the administrative and documentation process, we have received a the respondents thought that were obtainable and appropriate. In terms of the bi-annual

to continue to pursue continuing education and training throughout their lab animal science careers. The AALAS Registry provides individuals with the distinction of being recognized for the Animal Technician Certification Board is to encourage certified technicians and technologists significant issue, one of the goals behind the merger of the Certification Registry Committee and companies? The majority of the respondents stated that it was not recognized. To address this In the questionnaire, we asked how the AALAS Registry was recognized at institutions and their professional efforts

Thank you to all that contributed to our project. We welcome any additional feedback

Kim Edgar, RLATG, CRC Chair Bonnie Lemos, RLAT, CRC Vice Chair Ellen Kasari, DVM, CRC Member Sylvia Banks, RLATG, CRC Member Dennis Piccoine, RLATG, BOT Liaison Carol Simonton, AALAS Staff

each position...including yourself! Board Member. President-elect, WBAALAS Branch Officers. once again time to solicit nominations for our up coming Secretary, Two-year Board Member and One-year You may nominate as many people as you like for The positions open this year include

20th, 2000. Please complete and return the attached nomination slip by October

questions, please contact Tim Dawe at (206) 616-4557. annual Holiday Party on December 8, Official ballots will be sent out by November 15th, 2000 for voting and Results will be announced at the 2000. If you have any

异合物物 电线性电影 化苯甲苯甲基苯甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲	· 网络球球球球球球球球球球球球球球球球球球球球球球球球球球球球球球球球球球球球
President-elect:	
Socratary.	
Con Cian J.	
Two-vear Roard:	
One-vear Board:	
Care Jour Money	
Please return nor	Please return nominations by October 20 th , 2000 to:
Sylvia Johnson WSU, Avian Health Lab	h Lab
7613 Pioneer Way East Puyallup, WA 98371	East 71
Or	

Or T

Phone (253) 445-4537

Fax (253) 445-4544

Email sjohnson@puyallup.wsu.edu

WASHINGTON BRANCH 2000 BOARD OF DIRECTORS

ELECTED OFFICERS

bkuseattle@aol.com	fax (253) 813-8942	(253) 813-8941	Kent, WA 98032	1309 S. Central Ave., Unit D	B&K Universal	Marisa Dobiash	Past-President (98-00)
tdawe@u.washington.edu	fax (206) 616-4559	(206) 616-4557	Seattle, WA 98185	Dept. of Comp. Medicine	University of Washington	Tim Dawe	President (99-01)
gina@neorx.com	fax (206) 298-9442	(206) 281-7001 #208	Seattle, WA 98119	410 W. Harrison	NeoRx Corporation	Gina Desfachelles	President-Elect (00-02)

varnam.sally_j@seattle.va.gov	fax (206) 768-5358	(206) 764-2918	Seattle, WA 98108	1660 S. Columbian Way	VAMC, GMR-151	Sally Varnam	Treasurer (00-01)
sjohnson@puyallup.wsu.edu	fax (253) 445-4544	(253) 445-4537	Puyallup, WA 98371	7613 Pioneer Way East	WSU, Avian Health Lab	Sylvia Johnson	Secretary (99-00)

ELECTED BOARD MEMBERS

jkidney@pathogenesis.com wilcoxl@zgi.com	fax (206) 270-3313 fax (206) 515-4911	(206) 674-6657 (206) 442-6600 #6416	Seattle, WA 98119 Seattle, WA 98102	201 Elliot Ave. W, Suite 150 1202 Eastlake Ave. E	Pathogenesis Zymogenetics	Jolene Kidney (00-01) Laurie Wilcox (99-00)
gmillen@u.washington.edu	fax (206) 543-7706	(206) 543-0641	Seattle, WA 98195	Dept. of Comp. Medicine	University of Washington	Gary Millen (00)

APPOINTED POSITIONS

ron_orta@prodigy.com	(360) 691-6364	Granite Falls, WA 98252	P.O. Box 1589	Allentown Caging Equipment	Ron Orta	Honorary Board Member
bkuseattle@aol.com	(253) 813-8941	Kent, WA 98032	1309 S. Central Ave., Unit D	B&K Universal	c/o Marisa Dobiash	Newsletter Editor
varnam.sally_j@seattle.va.gov	(206) 764-2918	Seattle, WA 98108	1660 S. Columbian Way	VAMC, GMR-151	Sally Varnam	Program Chairman

	wwalker@fhcrc.org
cpekow@u.washington.edu	(206) 667-4014
(206) 764-2448	Seattle, WA 98109
Seattle, WA 98108	CIM-02
1660 S. Columbian Way	1100 Fairview Ave. N.
VAMC, GMR-151	FHCRC
Cindy Pekow	Wendy Walker
Education Chairman	Awards Chairman

Vol. 6

ASSOCIATION

for

BIOMEDICAL

RESEARCH

July 2000

From the Executive Director

response to the series letters and opinion pieces to the $P_{-}/$ in supporters Thank you to all WABR members and animal models play in the scientific process. support of research and the essential role Cuba and the UK to raise their voices in country and some as far away as Japan, exhilarating. Almost daily, I hear of how the new people and series has been brought to the attention of Research featured April 16-21, 2000 in the sponsored five-part series on Animals & Seattle Post-Intelligencer has spurred who wrote such exceptional response many organizations. throughout the ಠ ₹ WABRbeen These

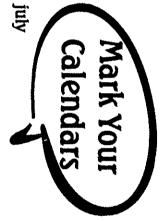
On June 20th, the WABR Board of Directors presented Sam Sperry with a Giraffe Award "for sticking his neck out" to run the P-/ series. "I was convinced that this was the right thing to do," he stressed. Sperry felt that the series brought public discussion about the issue to a higher level and, "even people who disagreed read every last word and were surprised by its relevance."

With new funding from the Klingenstein and AALAS Foundations, WABR is designing a booklet that will include reprints of the series and selected responses, quotes from Nobel laureates and web site references. The booklet will be a key resource for WABR's educational and outreach programs, as well as for use by state and national affiliates.

welcome your thoughts and ideas on how we can market this booklet. Feel free to contact me at susan@wabr.org or 206.956.3645.

Susan Adler

A publication of WABR, a registered 501(c)3 organization representing "organizations and individuals committed to educating the public on the vital role of animal research in advancing human and animal health."



July 10-21: Making Connections: Expanding Our Web institute for teachers. University of Washington Contact: Trez Buckland 206.616.9447

July 24-28: WABR "Ethics in the Science Classroom" workshop for secondary science teachers. Contact: Carolyn 206.956.3639

july - august

Climb to Fight Breast Cancer! July 16-19: Glacier Peak; July 21-23: Mt. Baker; Aug. 4-6: Mt. Daniel Fred Hutchinson Cancer Research Center. Contact: Tori Griffith 206.667.5096

september

Sept. 11: Children's Golf Classic at the Golf Club a Newcastle. Children's Hospital Guild Assoc. Contact: Jan Sinegal 425.454.2804

Sept. 12: WABR Speakers' Bureau Breakfast and Training; see details below

Sept. 24: NW AIDS Walk. Northwest AIDS Foundation Contact: Kaley Scott 206.860.6265

STUDENT CONTEST A WINNER

Winners engaged in day of fun and learning

their parents and teachers were recognized for their accomplishments during a On May 5. the winning students in the WABR "Amazing Animal Research" contest. "Scientist for a Day" program held at the Fred Hutchinson Cancer Research Center.

and developmental biology. microscope and learned about the vital role frog experiments play in cancer research from laboratory frogs. The day began with students watching attentively as Dr. Laurie Snider collected eggs Each student had the chance to view the eggs under a

preserve tissue and DNA samples. mutations to map genes on chromosomes. Perhaps the most eye-opening activity came not in a test tube, but in a thermos! Liquid nitrogen — at a balmy -80 $^{\circ}$ C — bubbled onto the floor while Dr. Platero explained how it is used to strains" of fruit flies were on display. Dr. Platero detailed how scientists use these The next stop was Dr. Suso Platero's genetics lab where several different "mutant

attended agreed — these students and teachers were exceptional! The events at the Hutch were followed by an Awards Luncheon at the Pacific Science Center, where students discussed with members of the WABR Board what they had learned during the day and while preparing their entries for the contest.

teachers, the students and parents all developed a deeper appreciation for the essential contributions animals make to medical discoveries. They left as WABR "ambassadors", who will share their new insights with their peers. well the contest conveyed the vital role animals play in biomedical discoveries. The These teachers encouraged their students to take on a challenging new topic, to wrestle with complex ideas and to be open to new insights. From pigs and Parkinson's disease to mice and medicine, the student projects clearly revealed how

how to integrate the contest into their curricula. workshops to science teachers at WSTA in Vancouver and NSTA in Boise that address We are already making plans for next year's program. WABR will present hands-on

Funding for this program is partially provided by the National Institute on Drug Abuse and the National Center for Research Resources at the National Institutes of Health.

THE PATIENT'S PERSPECTIVE - Dipper's Story

Dipper has been part of the family since before Mackenzie was born. Mackenzie, who just finished first grade, loves to play with Dipper, a golden retriever and samoyed mix. One day last year, Dipper was not her usual active self: she had no appetite and was lethargic. When the dog started to vomit, Mackenzie and her parents knew something was really wrong and rushed Dipper to the veterinarian. The vet drew a blood sample and performed a liver function test, which revealed some abnormalities. An ultrasound indicated that Dipper had some small tumors that might be cancerous.

pain relief and the increase in our basic understanding of cancer, procedures were initially developed and their safety and efficacy first demonstrated in animal studies. Both humans and animals have benefited from the latest techniques for noninvasive diagnostics, such as ultrasounds and MRI scans, improvements in surgery, radiation and chemotherapy, new drugs for Dipper's care illustrates how many of the diagnostic and therapeutic procedures used in humans are being applied to veterinary care. In fact, these

the causes of cancer in dogs and cats, although scientists think that diet and exposure to environmental pollutants may play a role, as they do in humans. the human gene, and some believe that breast cancers in dogs may be associated with mutations similar to those found in women. Little is known about and cats. For example, mutations in the BRCA1 gene are linked to an increased risk for breast cancer in humans; the BRCA1 gene in dogs is very similar to In a recent article in "The Scientist", E. Gregory MacEwen, DVM, a clinical veterinary oncologist, commented on the striking similarities between the incidence, biological behavior, and response to therapy of cancer in humans and animals. The genetic basis of many human cancers may be similar in dogs

medicine made possible by animal research, Dipper and Luke can both look forward to many trips to the park with Mackenzie. malignant. Careful monitoring of the tumors is currently part of the routine veterinary care, including rabies vaccines and teeth cleaning, that keep Dipper happy and healthy. Now at ten years old, Dipper is still as frisky as Mackenzie's new Scottish terrier puppy, Luke. Thanks to the advances in veterinary Dipper's veterinarian conducted a liver biopsy, a procedure that was perfected in animal studies. The results were good! Dipper's tumors were not

RESEARCH MATTERS — R&R Research and Development

"The quality of the animal and animal care determines the success of a project." That is the sentiment expressed by Roger Anderson, owner of R&R Research and Development, and one shared by many who rely on animal models for their studies. R&R, which WABR recently welcomed as a new member, has been serving the research community for 23 years. Anderson was motivated to get into the business of conducting research following his father's death from leukemia — "I wanted to play a role in looking for a cure," he said.

R&R supplies rabbits and other animals for studies conducted at academic institutions and biotech companies throughout the nation. By having a continuously controlled colony for 23 years, R&R can provide rabbits from a uniform genetic pool. They are the only facility that can guarantee that their animals are medication- and insecticide-free, which removes the possibility of any potential effects of such exposure on experimental outcome. In addition, R&R rabbits are raised in as natural an environment as possible. Anderson feels that consistency of care translates into good science: healthy animals are a key component for successful experiments,

in 1998, R&R built a new 400 square foot multi-species surgical facility. The staff is equipped to handle surgical and research support on site, which further allows variables, such as food, water and atmosphere, to be controlled.

R&R has considerable experience with protocols for antibody production in goat, sheep and pig, as well as in rabbit models. Therefore, they can tailor the appropriate animal model to particular research studies. Antibody production is a key step in the development and production of new vaccines. In fact, rabbits have been instrumental in numerous medical breakthroughs, including the perfection of the polio vaccine. Some of the ongoing studies at R&R will, hopefully, provide clues to understanding heart disease and diabetes.

The rules and regulations for the care and use of rabbits are regulated by the USDA under the Animal Welfare Act. R&R has an IACUC committee that ensures the humane care of all of its animals. Anderson is proud of the exceptional care provided at R&R and of playing a role in the understanding, treatment and prevention of the diseases that afflict humans and animals.

FEATURED TEACHER - Paula Fraser

Stevenson Elementary teacher, Paula Fraser, puts an unusual demand on her students — she asks them to "Climb into another person's skin." As her students explore topics ranging from the human genome project to embryonic stem cell research, they are asked to consider — from multiple perspectives — the social implications these biomedical discoveries raise.

Perspective is a critical issue Paula strives to convey to her students. She asks them to develop a thorough understanding of other points of view and the facts associated with any given topic, in order to fully develop their own opinions.

An experienced teacher of 17 years with a philosophy background, Paula has always been committed to incorporating ethics in her teaching. Although it started on a small scale, ethics is now integrated into everything her students study — from science to math to history. Paula firmly believes that examining the ethical context of science is much more compelling to students than presenting science in isolation.

"In a democratic society, knowledge is open and available to all", states Fraser. What she tries to impart to her students is that democratic citizenship mandates responsibilities in addition to freedoms. "Understanding science to appreciate and evaluate the social, ethical, and legal implications of research and technology is part of being a responsible citizen", believes Fraser.

The success of Fraser's integration of ethics and science is apparent from the many honors she has received, including the Presidential Award for Excellence in Science Teaching and the American Lawyers Auxiliary Award. For Fraser, though, it isn't about the awards — it's about the kids. Her objective is for students to "excel academically airio become good citizens."

Fraser will be participating in WABR's "Ethics in the Science Classroom" summer workshop. Contact WABR for resources that we can provide to help teachers follow Paula Fraser's example and successfully integrate ethics into the classroom!

To read what the Seattle PI wrote about Paula Fraser, visit www.seattlep-i.com/local/teac251.shtml



benefit from research Animals & Research, Part 2: Animals

Tuesday, April 18, 2000

By PATRICK R. GAVIN SPECIAL TO THE POST-INTELLIGENCER

her in the head in February and left her for dead hospital. She's a mixed-breed dog whose owner shot University College of Veterinary Medicine teaching caring for "Hope" at the Washington State PULLMAN -- For some time now we've been

dressings, bandages, liquefied food, intravenous veterinary care to keep her alive, lines and solutions were employed by competent antibiotics, radiographs, sutures, stomach tubes, got her to emergency care. Anesthetics, analgesics, Montana found her at a public fishing access and Before she ever came to WSU, a good Samaritan in

her and her new adoptive owners. others in order to not only keep Hope alive, but to of the same treatments mentioned above as well as heal her to the best quality of life we can provide for reconstructive surgery. Here we've employed many courts. After that, she was brought to our care for a misdemeanor charge of animal cruelty and was forced to pay a \$200 fine and give up Hope to the The owner eventually was arrested and convicted of

biomedical research? question is, what about the animals that need perform the work on humans, not animals. My biomedical research for advancement, they should researchers is that if humans so desperately need One criticism often leveled at biomedical

Animals & Research, a five-part series

through animal research Part 1: Unlocking the secrets of genetic disease

Part 2: Improving medical treatments for animals

medicines Part 3: Animals are key to discovering new

Part 4: The ethics of using animals in research

Part 5: How research animals live

veterinary use. and effectiveness before it entered general developed and tested on animals to ensure its safety human intervention that has touched her had to be other non-human animals. In Hope's case, every animals in research for the exclusive benefit of are the benefits of humans using non-human Almost completely ignored in animal rights debates

and widespread. domesticated animals are overwhelmingly positive biomedical research benefitting wild and health and environmental studies, the examples of restoration and conservation as well as in public matters of nutrition, reproduction, habitat from improved behavior to bettter housing; in From vaccines to veterinary surgical techniques;

prove their efficacy and to advance the science. discover and develop alternatives to animal use, to Many animal studies are conducted in order to

research can walk hand in hand. for other animals that need care. Healing and cancers that need care to help advance the science regularly uses client-owned animals with existing in animals using radiation therapy. Our research oncologist who studies the best way to treat cancer At WSU, for example, I am a veterinary radiation

them to our care. Were it not for the animal these animals or the scores of others that will follow Currently, there is no non-living model that can help

scientists, wildlife professionals, veterinary researchers and clinicians that have dedicated their lives to benefit non-human animals, the animals that suffer from disease, starvation, injury and illness would be left without a voice for their health and well-being.

Despite what we do, how we do it and the benefits animals derive from it, it's not enough. For the extremist, any use of animals by humans is wrong, even if it benefits other animals.

Most people, however, understand the need for animal research in many areas, in particular when it benefits animals. They also understand funding limitations and priorities that include studying sentinel species and naturally occurring animal diseases that also occur in humans.

As scientists and veterinarians, we are not above public scrutiny of our activities. We have a profound responsibility and an economic incentive to pursue optimal animal health, alternatives, nonliving models, computer simulation, isolated tissue cultures, reduced animal use, optimal care and, when necessary, the quick and humane death of an animal. As these alternatives are discovered and refined, they are quickly adopted as the new standards for study.

Again, history is replete with examples where this has occurred. Kidney transplants for animals were unheard of less than a decade ago. Now, thanks to the benefits of biomedical research and clinical practice in animals and in humans, veterinary colleagues at the University of California at Davis have perfected this life-saving surgery for animals.

Equally as demanding a responsibility to the public is the assurance that the work we do with animals, for animals, is conducted in a scientifically sound, cost-effective and efficacious manner. This reduces overall the need for duplicating studies and the number of animals involved. At the same time, it requires that a sufficient number of initial test subjects be used to demonstrate statistical significance where it exists or, more important, where it doesn't.

Professionals have no vested interest in keeping costly animal colonies. In the case of livestock, for example, doing away with experimental herds where appropriate can save thousands of dollars a day, money that can be applied toward additional findings and further advancement.

Past uses of animals often are not acceptable to the general public today. These changes come in part through researchers themselves and the non-employee public voices that sit on animal-care and use committees required at every institution receiving federal research funding.

Changes in research also come by way of the conscientious efforts of state and federal regulators as well as private-industry agencies such as the American Association for the Accreditation of Laboratory Animal Care. AAALAC is an independent body that has requirements for animal care and use that supercede the nation's state and federal legal requirements for animal care and use.

But all of this means nothing to the vocal few who oppose all human interaction with animals and who condemn modern civilization as an unnatural aberration. It's an easy argument to make, the argument of the spoiler.

Fortunately, most people see through this facade and instead see a voiceless world of animals that need humans as much as we need them.

Patrick R. Gavin, D.V.M., Ph.D., is professor and chairman of Veterinary Clinical Sciences College of Veterinary Medicine, Washington State University, Pullman. He is a veterinary radiation oncologist, a specialist who provides treatment for and investigates methods of treating cancer in animals with radiation therapy. He has worked closely with human radiation oncologists at the University of Washington, sharing results and information to advance the service of cancer therapy in human and non-human species.

Another Strong Column for Biomedical Research

This article was submitted by Gina Desfachelles from Compmed, an animal science bulletin board in which Gina is a member.

Fellow COMPMEDDERS:

FYI, The Washington Association for Biomedical Research has done it again, with the placement of a column be research scientist and WABR member Scott J. Burke in today's Seattle P-I

It refutes a column by activists Ray and Jean Greek that brought up many of the false claims about penicillin, thalodomide, invitro techniques and epidemiological studies that have become part of the standard rhetoric of those opposing the use of animals in medical research.

The piece by the Greeks, which ran in the P-I on May 18, was itself written in response to the five part pro-research series that WABR placed in the paper in April.

Today's column may be found at http://seattlep-i.nwsource.com/opinion/anmop.shtml

The Greeks' piece is also online at http://seattlep-l.nwsource.

com/opinion/vetsop.shtml

The WABR five part series and related materials may be found on the WABR website at http://www.wabr.org/animal_research_op-ed.htm

Comments may be sent to the ScattleP-I at editpage!seattle-pi. com Include your phone # and address if you wish your comments to be considered for publication.

Way to go WABR!! With this series, Susan Adler, WABR's Executive Director, working with several WABR members, has had great success in reaching the public in Washington State with an accurate portrayal of the necessity, benefits and humane nature of laboratory animal research. It is a model that, with some concerted effort, can be duplicated in many other cities.

Cheers, Jacqui Calman, President, American for Medical Progress, 908 King Street #201, Alexandria, VA 22314. (703)-836-9595X100, fax (703)836-9594, amp@amprogress.org, http://www.amprogress.org

Additional Comment...Clarification

From Glen Otto..

Well, I hate to complain since we're on the same team, but it looks as though one misrepresentation was merely replaced with another. The article includes the following:

"Third, although penicillin can cause death in quinea pigs and hamsters, as the Greeks claim, it is only true when administered in large doses. Both species have large amounts of bacteria in their guts that digest the animals food; killing bacteria with penicillin leads to starvation and death in those animals. These species are not used to test large doses of antibiotics like penicillin. However, small doses are safe."

Somewhere along the line in trying to put a lay spin on the issue, the article unfortunately misrepresents the true pathogenesis of antibiotic-associated enterocolitis as some type of internal "starvation" caused by the loss of beneficial microflora. Going into the specifics of cecal anaerobiosis and differential antibiograms is certainly beyond the scope of the popular press, but for thos interested, a better lay description to use for "debunking purposes is found at:http://www.rds-online.org.uk/ethics/penicil.html

Where it states:

"The reason that the toxicity of penicillin for guinea pigs has been exaggerated must be its staggering lack of toxicity in other species. Its unique effect in the guinea pig is due to an indirect effect.

This is the conclusion of a study (7) which showed that bacteria normally present in the guinea pig intestine are sensitive to penicillin. Thus, after penicillin, all these bacteria disappear and are replaced by far greater numbers of other types of bacteria. [This] infection leads to absorption of toxins and death from blood poisoning. [Thus] it appears that the guinea pig, far from being strikingly different from humans, is in fact similar to the many patients who develop inflammation of the colon (colitis) when they take penicillin.

Glen

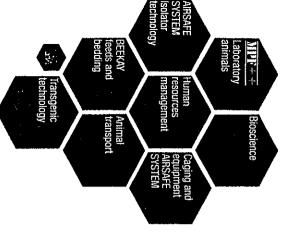
Glen Otto, DVM. Dept. of Comparitive Medicine, Stanford University, Quad 7, Bldg 330, Stanford, CA 94305-5410,(650)723-3876 voice, (650)725-0940 fax, mail to: gotto@stanford.edu

AALAS History

Anesthetic	ACP	AAALAC AALAS															
กิ			<	Þ	C	O		z	m	Γ-		0	-1	S		æ	A
			ס	Þ	D	<u></u>	A	S	z	0	_	-		R	-1	C	Z
			ے	C	r	m	C	C	ם	m	R	m	ס	 	D	C	m
			Z	_	Þ	3	I	4	_	A	П	I	7	7	œ	×	S
			X	D	Þ	D	C	m	S	m	S	Z	۲.	<	ס	m	-1
			工	3	Þ	z	S	U		S	ဂ	0	<	m	R	~	I
Labo	Infection	Health	7		Γ	Þ	æ	0	Z	Þ	T	0	R	~	Ø	റ	П
Laboratory Management	tion	Health Hirshandn/	D	z	ш	ଦ	A	Z	ズ	S	ဂ		ĬΠ	Z	ဂ	m	Н
ا ح	~	\$	R	Þ	S	Ξ	Z	В	R	-	M	I	A	[Γ	ဂ	
			m	Z	A	M	D	Α	В	П	I	A	<		0	R	C
			חד	Þ	m	П	Z)	Z	Z	0			C	Ш	71	Z	
				T	S	Z	~	7	Ti	ဂ	Z	П	0	В	Ш	ت	Z
			Z	0			n		D	0	$\boldsymbol{\pi}$	ס־	~			Z	χ,
			m	3	D	I	ス	0	٤	C	S	D	Þ		Þ	D	-1
Vaccine	USDA	Science	×	~	Z)	ш	G	Z)		S	ر	ធ	S	ス	Ш	2	ഗ
ine	A	nce	1				L										

Galen Data ACP Experiment Discovery Disease Brimhall Behavior Aristotle Animal Anesthetic Anatomy Mayo NABR Refine Z PHS Management Laboratory Replace Reduce Production Nutrition

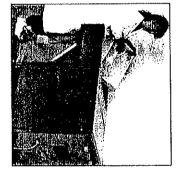
NIVERSAL



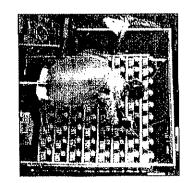












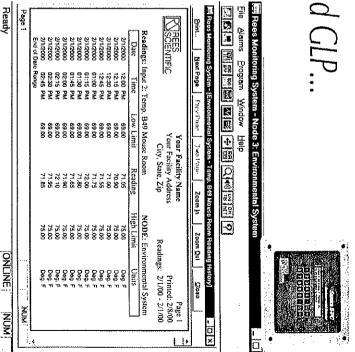
USA Main Office 3403 Yale Way • Fremont, CA 94538 • Phone (510) 490-3036 • Outside California Call Toll Free: 1-800-USA-MICE • FAX: (510) 656-1921 E-mail: BKUSA@Compuserve.com

1309 S. Central Ave. • Kent, WA 98032 • Phone: (253) 813-8941 • Outside Washington Call Toll Free: 1-800-683-5805 • FAX: (253) 813-8942

without time consuming manual data collection. AAALAC, USDA, GMP, and GLF

- द द Centralized Alarm and Data Collection.
- Monitoring temperature, humidity, light, **Automated Reading and Events Reports.** pressure, or air-flow. Print out every 4 or 24 hours.
- 区 Monitor and Control room lighting and watering
- **S** cell phone, pager, or e-mail Alarm Notification on or off-site, via telephone,
- 区 calibration, training and documentation to meet, AAALAC, USDA, GMP, or GLP requirements. Totally Validated System. Complete validation,
- 区 Electronic Signature. Complies with the FDA
- 21 CFR section 11 electronic signature requirement.
- 区 Multi-user and Networkable, the system operates over your existing TCP/IP Local or Wide Area Networks. End users have the convenience Complete Audit Trail logs all changes made to the system software
- Validated Card Access for animal rooms, corridors, or your entire facility.

of full system capabilities, right at their own desktop terminal.





That's what Charles River is known for.

A commitment to providing the research community with the highest quality animals and total control of product uniformity from facility to facility, country to country, and year to year.



Rats • Mice • Hamsters • Guinea Pigs • Rabbits • Gerbils

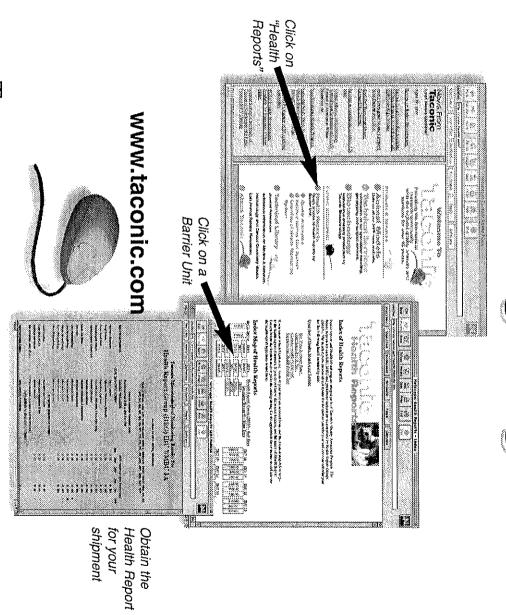
Miniature Swine • Surgical Services • Transgenics Models and Services Laboratory Services • SPF Chicken Eggs • Contract Staffing Services



Contributing to the Search for Healthier Lives The

251 Ballardvale Street, Wilmington, MA 01887 • 1.800.LAB.RATS • www.criver.com

Tlicks to a Better Health

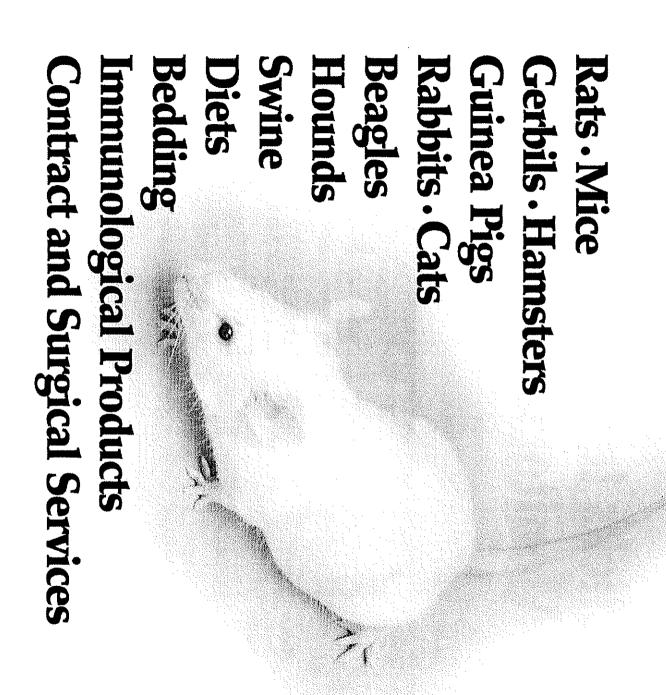


are free of pathogenic microorganisms that can effect your study results (MPF^m) standard – your assurance of receiving laboratory rats and mice that accurate tests, Taconic animals continue to meet the Murine Pathogen Free and Pneumocystis carinii. Even with the use of these more sensitive and for pathogenic and opportunistic microorganisms, including Helicobacter sp. L aconic pioneered the routine use of PCR to test its rat and mouse colonies

constantly updated on Taconic's website: WWW.taconic.com See for yourself – health test results for each Barrier Unit Colony are



Tel: 888-TACONIC or 518-537-6208 • Fax: 518-537-7287 • e-mail: custserv@taconic.com USA • Europe • Japan



products to meet your needs. providing the complete range of laboratory animals, diets, bedding and immunological As a leading supplier to the biomedical research community, Harlan is committed to

and 200 stocks and strains of animals, or visit us on the web at www.harlan.com Please call for a complete Product Guide that contains information on nine species

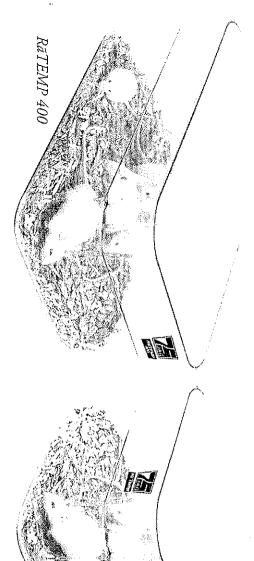


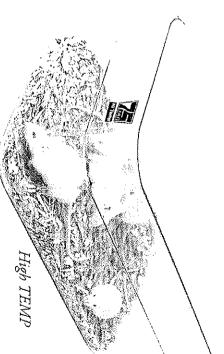
Helping research answer the challenge worldwide

Harlan • P.O. Box 29176 • Indianapolis, Indiana • 46229-0176

Tel.: (317) 894-7521 • Fax: (317) 894-1840

E-mail: harlan@harlan.com • Internet: www.harlan.com





about an peace of mind. think about your Caging, also in Plastic Rodent INVESTMENT When you think



Cages and Micro-BARRIER Tops. Mouse Cages, Rat

sheets are available upon request. Technical Data



P.O. Box 698, Allentown, NJ 08501-0698 • 609/259-7951 • 800/762-2243 • Fax 609/259-0449 • www.acecaging.com ALLENTOWN CAGING EQUIPMENT CO., INC.

Supplying All Species, Mice to Primates, and Housing for them too! A SINGE CALL GETS IT ALL!

Ardis Roseberry 408.773.1952

- $\downarrow \downarrow$ Rats, Mice, Hamsters, Guinea pigs
- Fish, Rodent & Rabbit Diagnostics
- Cages, Racks, Shelving, Nestlets™
- 1 Water bottles, Rubbermaid® products
- \downarrow Antisera Service, Canines, Primates
- SPF Rabbits: NZW, Dutch Belt, Watanabe
- \downarrow Environ-Richment® Animal Housing
- Pyrogen monitoring system
- SPF purebred domestic swine
- SEALSAFE ® Ventilated Cage Racks

Representing

- Simonsen Laboratories
- Ancare Corporation
- Covance Research
- Products
- Britz-Heidbrink, Inc.
- Spaulding Farms SPF • ELLAB, Inc.
- Tecniplast U-S-A

A.K. Roseberry & Associates PMB 118; 1111 W. El Camino Real # 109; Sunnyvale, CA 94087 Phone & Fax: 408-773-1952 email: ardis@attglobal.net

将GETINGE Castle Scientific

A whole new world of possibilities

Castle[®] Sterilizers (small, medium and large), Glassware Washers & Dryers

Getinge Sterilizers (medium, large and bulk), Robotic Cage Handling Systems

MTP Tunnel Washers, Rack Washers, Bottle Washers, Bedding Dispensers and Bottle Fillers,

Vacuum Bedding Disposal & Dispensing Systems

Service Factory-trained, nationwide service staff will come directly to your facility

Getingel Castle also provides Surgical Lights, Scrub Sinks, Sterility Assurance Products, Detergents, and System Planning Services and Wilson® Stainless Steel Products.

Phone: (760) 788-0001 or: (800) 475-9040 ext. 4501 Please call Russell Braxtan, Product Specialist

Email: russell.braxtan@getingecastle.com

※GETINGE Castle

※GETINGE

NUTRITION SERVING CUSTOMERS WORLDWIDE AMERICA'S LEADER IN LABORATORY ANIMAL

LABDIET* STANDARD PRODUCTS

25

www.labdiet.com

nutritional excellence in laboratory and development worldwide. for nutrition in animal diet research formulas have set the industry standard for over 50 years. Since 1917, our animal diets to the research community LabDiet® has been providing

and synthetic estrogen-free plant. The tured in an ISO 9002 Certified, drug research requires. mals get the constant nutrition your ly monitored to ensure your lab anitechniques in manufacturing are close-Each LabDiet® product is manufac-

products — which enables us to to LabDiet® for delivering a constant achieve greater accuracy. ingredients concept in diet formulation exclusive level of nutrients. We analyze Constant Nutrition™ is a in addition to final

36 Š 金分 LABDIET® CERTIFIED PRODUCTS 3

P.O. Box 19798, Brentwood, MO PMI® Nutrition International, Inc. 1.800.227.8941 63144 USA

product line consists The LabDiet®

1260e

of LabDiet® and TestDiet.® minimum quantities. diets that can be produced in 10kg TestDiet® products are customized Vac-Pak and Micro-Pak forms, while Certified, Autoclavable, Irradiated, LabDiet® is available in Standard,

ensure optimum freshness. through a local supplier to delivered to your door Our products can be





using a standard LabDiet®,

PMI® TestDiet® can

When nutritional or physical

requirements cannot be met

got easier to administer thanks to available from LabDiet® portion controlled feeding packages Micro-Pack r_M , the new pre-weighted, Optimal feeding programs just

unit contains 800 easy-open Each Micro-Pack™ shipping individual study demands. formulate and prepare your research diet to meet your

FOR MORE INFORMATION, PLEASE CONTACT:

feeding packets.

David Blocker - Region Sales Manager

P.O. Box 457 Saraland, AL 36571

Fax: 334.679.1394 Phone: 334.679.0715

David_Blocker@purina-mills.com

www.labdiet.com



Support Our Sponsers



TECNIPLAST U·S·A

Ardis K. Roseherry

PHONE/FAX 408-773-1952 CELL PHONE 408-230-5510 ardis@ibm.net

Beaver Hill Business Center • Suite 181 • Birchrunville, PA 19421 Phone 610-827-5006 • Fax 610-827-5001

ANIMAL SPECIALTIES, INC.

PURINA LAB & TEST DIETS, MAZURI, HARLAN TEKLAD LAB & TEST DIETS, BIO-SERVE, ANDERSON, SHEPPARD, NORTHEASTERN, CAREFRESH

CALVIN YOUNG BILL & LIA HALTER

503-981-4738 Fax: 503-981-4528 PO Box 328 Hubbard, OR 97032



Your complete research animal resource

Harlan

- Laboratory Animals
- Surgical and Contract Services
- Teklad Diets and Bedding
- Isolators

Indianapolis, Indiana 46229-0176 P.O. Box 29176

> WARREN J. RILEY Account Executive

Phone:(317) 894-7025x2920 Phone:(317) 894-7521 Fax:(317) 894-4473 E-mail: wriley@harlan.com

- Animal Cage Changing Stations Animal Bedding Disposal Cabinets Animal Containment Enclosures
- Biological Safety Cabinets
 Clean Benches
 Custom Fabricated Products



2100 Fernbrook Lane • Plymouth, Minnesota 55447 U.S.A.

(US/CN) 800-328-3352

612-553-0459 612-553-1270

Univ. representing over 24 institutions across the Northwest and Canada. If you would like to utilize this space to advertise your product, please contact Tim Jniv. of Wash, 206-616-4557.

This Newsletter is currently received b This Newsletter is currently received by Members Dawe,



Support Our Sponsers

Animal Environmental Control Products



Phormocol RESEARCH LABORATORIES, INC.

33 Great Hill Road, Naugatuck, Connecticut 06770

PAUL CHAVEZ

pchavez@pharmacal.com West Coast Sales U.S.A. & Canada

www.pharmacal.com Tel: (800) 243-5350 Fax: (203) 729-5230



JNIVERSAL

Providing High Quality Animals & Services for Research

Marisa Dobiash

Facility/Production Manager

1309 S. Central Avenue, S Kent, WA 98032 Phone (253) 813-8941 Fax (253) 813-8942 1-800-683-5805 , Suite D

3403 Yale Way Fremont, CA 94538 Phone (510) 490-3036 Fax (510) 656-1921 1-800-USA-MICE



Antibody Production Laboratory Animals

Research & R Rabbitry Development

CHERYL M. ZUVELA Laboratory Manager

e-mail: RRRabbitry@tgi.net Phone: (360) 652-7157 FAX # (360) 652-5337



P.O. Box 1589 Granite Falls, WA 98252

Technical Consultant Ron Orta

360-691-6364

FAX: 360-691-6446

Allentown Caging Equipment Co., Inc.

Route 526, P.O. Box 698 Allentown, NJ 0850 1-0698

FAX: 609-259-0449 1-800-762-2243



819 Bakke Avenue Waterford, WI 53185

Skeeter Georgeson

Pager 800-901-6094 Laboratory Sales Consultant WI 800-558-5913

CA FAX 714-639-9972 Voice Mail 800-345-8074 x380

414-534-5181 WI FAX 414-534-5184

e-mail: skeeter@edstrom.com

Where Technology Practical Solutions Meet



niernational La. 6299 Airport Road, Suite 303 Mississauga, Ontario Canada L4V 1N3 Tel: 905-671-3667 Fax: 905-671-8760

Manufacturers of Environmentally Sensitive Products

Patti Oakes, R.V.T., Ph. T.

E-mail энрегенрадеаnbrands.com TOLL FREE: 1-800-267-5287 Ext. 3667 PAPERCHIP LABORATORY BEDDING

Territory Manager

representing over 24 institutions across the Northwest and Canada. If you would like to utilize this space to advertise your product, please contact Univ. of Wash. 206-616-4557 This Newsletter is currently received by Members Tim Dawe



Support Our Sponsers

WESCO SUPPLY COMPANY - DISPOSABLE GARMENTS - SANITARY SUPPLIES - INDUSTRIAL SUPPLIES

SPECIALIZING IN THE VIVARIUM

ELLIOT SCHWED

5520 E. 2nd Street Bldg. 1-449 Long Beach, CA 90803

(888) 596-9888 Fax (562) 430-6925

BioZone

William Burgua

Technical Manager

Tel: (916) 491-4149 Fox: (916) 491-4148 Mobile: (916) 539-4150 emoil: bburgua@biozoneus.com BioZone Inc., PO Box 161416, Socramento, CA 95816-1416

www.biozoneglobal.com

Jason Mayr

206-729-9291 • www.criver.com



Contributing to the Search for Healthier Lives"

Earl Morrison

1-800-LAB-RATS • www.criver.com



Contributing to the Search for Healthier Lives"

LabDiet.

※GETINGE Castle

Scientific Division

David Blocker - Region Sales Manager

P.O. Box 457 • Saraland, AL 36571

Phone: 334.679.0715 • Fax: 334.679.1394

David_Blocker@purina-mills.com • www.labdiet.com

LabDiet" is a registered trademark of Purina Mills, Inc.

180 9012

Product Specialist, West Coast

Russell Braxtan

Getinge/Castle, Inc.

1777 East Henrietta Road

Rochester, New York 14623-3133 Volce Mail 800-475-9040 ext 4501

Univ. of Wash., 206-616-4557. This Newsletter is crepresenting over 24 institutions across the Northwest and Canada. If you would like to utilize this space to advertise your product, please contact Tim Dawe, Univ. of Wash., 206-616-4557. This Newsletter is currently received by Members

Employment Opportunities

Pathogenesis Corp.

Title: Research Associate, Experimental Therapeutics

Department: Anti-infective drug evaluation

Job Location: Seattle, WA

nary screening of compounds of interest. The position is in a Summary: Perform in-vivo microbiology studies with novel and team-oriented department with responsibilities in multiple proestablished antibiotics. These studies are essential in the prelimi-

Essential Functions: Perform in-vivo microbiology studies utilizing a variety of dosing routes (50%). Perform small animal surgery for specialized in-vivo administration model and develop new drug delivery techniques (20%). Use of Excel and Word for data collection (20%). Maintenance of Lab notebooks (10%).

ences. Experience with in-vivo techniques, including dosing (IV IM, SC, PO) and small animal surgery Qualifications: BS or BS equivalent in Biology or related sci-

small animal husbandry. Desired: Experience in microbiological analysis. Experience in

documents in RTF format only). Apply via Email: resume@pathogenesis.com (text or MS Word

Application Information: Send, fax or email your resume to:

Pathogenesis Corporation

201 Elliott Avenue West, Suite 150

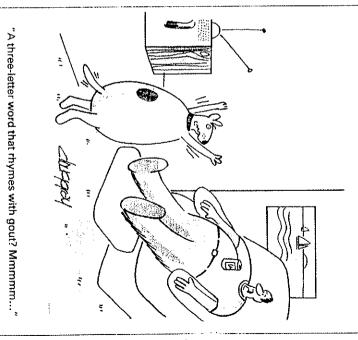
Seattle, WA 98119

FAX: (206) 270-3343

*Please mention that you saw this ad in the WBAALAS newslet-

Pathogenesis is an Equal Employment Opportunity Employer





WBAALAS HOLIDAY PARTY

Friday, December 8, 2000

Once again this years Holiday Party will be held at ext. 208 for directions. Don't miss it! You can call Gina at (206) 281-7001 be announced for your new board member winners. good food and good company. Election results will Festivities will start at 6:00 p.m. Come and enjoy Gina and Eric Desfachelles house in West Seattle.



Have a Safe and Scary Halloween!!!

AALAS MEETING CALENDAR

changes or dates not shown here. Thank you for your cooperation! This list is being used by the branches, vendors and others trying to plan their schedules. Please call me with any

Grace Aranda, University of Arizona, P.O. Box 210101, Tucson, AZ 85721 Phone: (520)621-3931 E-mail: <u>qaranda@u.arizona.edu</u> Fax: (520)621-

swindlem@musc.edu or www//grants.nih.gov/grants/olaw/brochure.pdf 9/21-22/00 - OLAW IACUC Issues in Field Biology - Charleston, SC 9/21-22/00 - 27th Annual CBAALAS/SWAALAS Meeting - Madison, WI (843)876-5212 Michael Swindle or (608)242-2712x2307 Mike Koch

9/21-24/00 - 35th Annual American College of Veterinary Surgeons Scientific Meeting - Arlington, VA see: www.acvs.org
*9/21-23/00 - Am Assoc of Bovine Practitioners - Rapid City, SD (619)455-1718 or kiddie@millennianet.com
*9/22-24/00 - AAHA Technician Academy - Denver CO (800)883-6301 AAHA

Research - Osterreich, Austria 9/24-26/00 - 9th Austrian International Congress on Alternative & Complementary Methods to Animal Testing in Biomedical

9/28/00 - IACUCs and CRISIS: one day MSMR seminar - Waltham, MA see www.zet.bartl.net/Kongress

(978)251-1556 Lynn Walsh or

msmr@att.net or madwalsh@mediaone.net 10/3-7/00 - Workshop on Animal Models as Biomedical Tools: Skin & Hair Mutations - Bar Harbor, ME www.jax.org/courses/documents/courses_2000.html see web page at:

Lamb or <u>elamb@healthtech.com</u> *10/6/00 - ARENA IACUC 101 - Portland. OR *10/3-4/00 - Biocontaminants & Biological Production Issues - Alexandria, VA (207)493-4573 Elizabeth

*10/6/00 - ARENA IACUC 101 - Portland. OR (314)997-6896 Mary Lou James or mljames@mo.net *10/6-7/00 - Davis Fndtn for Advancement of Vet Path S Ctrl Meeting - Galveston, TX (501)907-2435 James Britt or james.britt@mail.state.ar.us or www.afip.org/CLDavis/CLDavis.meetings.htm#southcentral

www.acvo.com 10/11-15/00 - American College of Veterinary Ophthalmologists Annual Meeting - Montreal, Canada see website:

page at: www.jax.org/courses/documents/courses_2000.html *10/12-13/00 - Fall Conference for Veterinarians - Urbana, IL (217)333-2907 VCEU or www.cvm.uiuc.edu/ceps 10/11-17/00 - Short Course on Mathematical Approaches to the Analysis of Complex Phenotypes - Bar Harbor, ME see web

anhc@pacinfo.com or www/drpitcirn.com *10/12-15/00 - Am Col of Vet Anesthesiologists Science Meeting - Eugene, OR (541)342-7665 Richard

*10/18-22/00 - Wild West Vet Conference - Reno, NV *10/14-17/00 - AAFP/AFM Annual Fall Conference - Santa Rosa, CA (615)259-7788 AAFP or aafp@wmgt.org

(916)334-5090 Judi McQuoid

*10/18-22/00 - Assoc of Reptile & Amphibian Vet Conference - Reno NV mitchell@vetmed.lsu.edu

*10/19-21/00 - Am Embryo Transfer Assoc Conference - Sacramento, CA *10/19/22/00 - Purina Nutrition Forum - St Louis, MO (314)982-3-(314)982-3488 Liana Marek (402)462-9032 or gmo@tcgcs.com

animalsystems.mindspring.com *10/20-21/00 - PAWS Int'l Summit - San Francisco, CA 10/20/00 - Bruce Ewald IACUC Training Seminar - Plainsboro, NJ (256)630-2285 Maureen Frederickson or 908-964-9449 NJABR or admin@njabr.org

carpentr@vet.ksu.edu *10/28-29/00 - 9th Annual MW Exotic Animal Medicine Conference - Manhattan, KS (785)532-5690 or

11/3-5/00 - Annual Meeting of Assoc of Primate Veterinarians - San Diego, CA <u>parks@rarc.wisc.edu</u> 11/5-9/00 - National AALAS Meeting - San Diego, CA (901)754-8620 AALAS

life_sciences@roehampton.ac.uk 11/17-18/00 - Jackson Lab Colony Management Workshop - Bar Harbour, MN (207)288-6263 or kgk@jax.org

128/00 - Washington Branch Holiday Party (206)281-7001x208 Gina Desfachelles

www.afip.org/acvp/acvpmeet.html 12/3-6/00 - Annual Meeting of Am College of Veterinary Pathologists - Amelia Island, FL see site: *12/3-5/00 - Charles River CE Series - Monterey, CA(603)887-2467 Judy Balk or judybalk@msn.com

mio@scaw.com or www.scaw.com/meet1/htm 12/4-5/00 - SCAW Winter Meeting - IACUC Issues - San Antonio, TX (301)345-3500 SCAW or

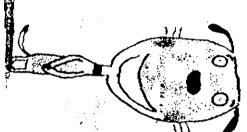
1/7-12/01 - 18th Congress of the Intl Primatological Society - Adelaide, Australia 12/7-11/00 - Equine Vet Acupuncture - Gainesville, FL (352)591-3165 Chi Institute
12/9-13/00 - 40th Meeting of Am Society for Cell Biology - San Francisco, CA www.ascb.org/ascb/ grodemeyer@skcc.org

1/16/01 - N California Board Meeting - Roseberry's (415)553-8131 Ardis Roseberry or ardis@attglobal.net www.primates.on.net

10/12-16/2003 - National AALAS Meeting - Seattle, WA

(901)754-8620 AALAS

EXPression wan ted Y Y 6 Send You 2



I AM LITTERLY HONORED TO RECEIVE THE BETTE J. VARWAM MEMORIAL TECHNITIAN OF THE YEAR AWARD.

ATMONT H FOR THE AWARD. LIKE TO EXPRESS DEEP APPRECIATION

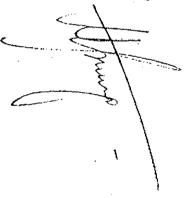
THE PLAQUE WILL DECORATE MY OFFICE FROM NOW ON CONSTANTLY REMINDING ME OF YOUR KIND DECISION AND THE HONOUR WHICH COMES WITH IT.

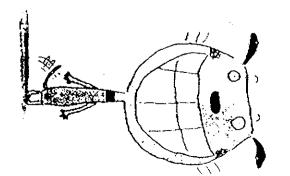
OF THE PRIZE THE AWARD SIGNIFIES.

THANK ROU VERY, VERY MUCH.

RESPECTFULLY YOURS,

Michael Soluber







New Model Development Program

development process for medical products. We are interested in identifying and licensing surgical modification, chemical treatment, or spontaneous genetic mutations. may manifest disease processes resulting from either induced, e.g., genetic manipulation, neurological disease and certain metabolic diseases such as diabetes mellitus. Models validated models to support specific areas of research in cardiovascular disease, oncology, the disease-specific animal models critical to expedite the research, discovery and Charles River Laboratories has initiated a New Models program to insure the availability of

which several scientific and commercial parameters will be evaluated. For instance, is the Prior to licensing, each model will undergo a comprehensive screening process during identified? Are the intellectual property issues relevant to each model clearly defined? Has and, as a disease model, can it live in a humane manner? Can a sustainable market be Does the model more closely recapitulate the human disease(s) than other available models model relevant to a broad base of research areas within the diseases we are interested in? the model been used in studies published in peer reviewed journals?

worldwide production capabilities and distribution channels that uniquely position us to Charles River Laboratories is the world's largest producer of laboratory animal models with the corporate web site at www.criver.com provide the best available support to successful commercialization of your animal models Director, New Model Development, 978-658-6000 x 1524 or gfreden@criver.com Additional information describing the company and our specific capabilities can be found on For additional information regarding CRL's New Model program contact Dr. Greg Freden,

President's Message

tombar@scripps.edu or leave a message at 858-784-2245. becoming a volunteer, please contact Tom Barmeyer, the local arrangements chair at evenings will be memory makers. If you are interested in helping to support AALAS by will give all participants a chance to view the latest in our fields of technology. with exciting seminars and workshops. We will also have an exhibitor area. This area chance to purchase a souvenir video and audio program. All five days will be packed dinner and dancing will be the main events of the evening. Attendees will also have the California hospitality. This Gala celebration will include a "black tie" evening. Drinks, Diego on November 5-9, 2000. This will be a chance to show off our Southern encourage everyone to promote the 50th national AALAS meeting being held in San I would like to update everyone on our progress. First, I would like to remind and

the upcoming District Eight meeting. Which brings me to my next announcement. Second, as I have said in the past, our branch is working hard at arranging the details for

keeping the time commitment to four days, more members will be able to attend May 3-4, 2001. The District Eight AALAS meeting will be held on Tuesday and aware that the LAMA meeting will be held in Reno, Nevada on Thursday and Friday reschedule the meeting to help accommodate members and their budgets. We were made Wednesday May 1-2, 2001. It is our intention that by combing the two meetings and RENO! Along with the new site, the dates have also been rescheduled. It was decided to I have great news. The April 2001 District Eight AALAS meeting has been moved to

and exciting shows and a large casino area. Attendees will also have free parking made available to them. I will relay more information about the meeting, location and special events at a later date. is located close to the Reno airport. The hotel also has eight award winning restaurants hotel includes over 1600 guestrooms, two ballrooms and numerous meeting facilities and that will include three days prior to the meetings and three days after the meetings. With the new site come benefits such as special room rates at John Ascuaga's Nugget, The

duenesjohn@allergan.com or 714-246-4484 interested in providing a lecture or workshop, please contact him at Thank you, your extra time and efforts are greatly appreciated and invaluable. If you are John Duenes, our program chair has been diligently scheduling speakers and workshops.

To recap:

Nevada. Wednesday May 1-2, 2001 in beautiful and exciting Reno, District Eight AALAS meeting will held on Tuesday and



JULY/AUGUST/SEPTEMBER

WBAALAS c/o B&K Universal 1309 S. Central Avenue Kent, WA 98032

Phone: 253-813-8941 Fax: 253-813-8942 Email: bkuseattle@aol.com

WBAALAS NEWSLETTER

2000 Calendar

November 5-9 National AALAS Convention,

San Diego, CA

December 8 WBAALAS Holiday Party.

Gina Desfachelles House

March 9, 2001 WBAALAS Spring Trade Fair

Univ. of Washington Urban Horticultural Center

WBAALAS NEWSLETTER



