In Compliance

To be or not to be

Animal care and use, biosafety, environmental health and safety, human subjects, and radiation safety: If you do research at UT, you are aware of at least one, or perhaps several of these compliance entities. These are the areas of compliance that directly affect most researchers.

Often perceived as nuisances, the committees and compliance professionals supporting these areas keep the universities appropriately law-abiding and regulations that govern our ability to perform research. When there is failure in compliance oversight, breaches may result in unwanted inspections, audits, and fines to the university, as well as loss of accreditation and loss of investigator privilege.

Jeffrey L. Moyer  
Wiley-Blackwell  
Chattanooga, TN

Tips for Friendly Figures

Communicate with color and shape, when possible.

- Avoid using greens and reds together.
- Use bright colors.
- Avoid using red on a dark background.

In Vol. 230, No. 4 of the Journal of the American Veterinary Medical Association, a “J- 
VMA News” story about animal cloning uses an image similar to the one below (Fig. 1) to explain the cloning process. Although eyes that can see normal color ranges easily see these two types of cells, some color-blind people see it differently (Fig. 2).

Fig. 1. Fused cell figure as normal eyes see it. (adapted from JAVMA, 2007;230:212-27).  
Fig. 2. Fused cell figure as color-blind eyes see it. (adapted from JAVMA, 2007;230:212-27).

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- Color information from reference 2.
- A new color vision test to differentiate congenital and acquired color vision defects. Ophthalmol. In press. E- 
pub ahead of print.

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Three Graduate Students Earn Travel Awards

Amada Perechich, Mugdha Sukthankar, and Nichellze Whitlock won travel awards to the Experimental Biology 2007 Annual Meeting in Washington, DC.

Amada and Mugdha won the prestigious American Society of Biochemistry and Molecular Biology (ASPB) Graduate Researcher Poster Travel Award. Nichellze received the esteemed ASPET/MARC Program Minority Graduate Student Travel Award from the American Society for Pharmacology and Experimental Therapeutics (ASPET) and the Federation of American Societies for Experimental Biology.

Amada is an M.S. student working with Dr. Madhu Dhar. Mugdha and Nichellze are both working on PhDs with Dr. Seung Back.

They will all be presenting posters of their work during the Apr. 28-May 2 meeting.

Dr. Madhu Dhar, Helen Reaves, Dr. Carla Sommadahl, Deb Haines, and Joshua S. Yuan was presented at the American Society for Cell Biology 46th Annual Meeting in San Diego, CA. The poster was entitled “Insulin signaling pathway in a novel mouse model of type 2 diabetes.”

Ally also at the American Society for Cell Biology 46th Annual Meeting in December, Michael Hance, Dr. Madhu Dhar, and Dr. Howard Plummer presented a poster entitled “Tobacco carcinogens stimulate different signaling pathways in breast cancer.”

...and Presentations

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Users of Microsoft’s new, updated operating system, Windows Vista, may encounter compatibility problems with some research software, including some versions of SAS and SPSS.

The newest SAS software, version 9.1.3, is not compatible with Vista, and SAS does not have a definitive schedule release date. Even with 9.2, SAS will not run on most computers marketed to consumers (that is, home computers). However, the newer version of SAS should support business editions of Vista.

The newest SPSS version 15.0 also lacks compatibility with Vista, and since a newer version has not been announced, software developers for SPSS plan to offer a free patch once the issues are resolved.

Although CVM computers will not make the Windows Vista transition anytime soon, researchers could be using the updated operating system on their own computers, and any new PCs will include Vista as the standard. Users of SAS or SPSS software may want to hold onto those 2003 and XP operating systems a bit longer.

CVM Receives Nearly $466,000 for Sponsored Projects Since December

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In Vista, only does the program display metadata and format references in the designated style, it also inserts in-text references into Word while you write. Although some journals do not allow reference-creating software because the codes it creates interfere with publishing software, EndNote Web has a feature to remove those codes once the manuscript is finished. To delete field codes before submitting a manuscript, go to Tools, EndNote Web, and Remove Field Codes. Be sure to save a coded copy of the document before removing codes so that this information will not be removed from the entire document, not just references.

The free version of EndNote has limitations compared to the full version, such as the inability to save and create advanced searches, or cite figures, tables, or equations. The full version costs around $200 for faculty/staff and $100 for students at the university.

To learn to use EndNote, see the tutorial on www.endnoteweb.com. The entire presentation takes about three hours to complete, or individual components may be completed at different times (on average, about 4 minutes for each component).

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<td>SR Van Amstel, Merial Limited, LLC</td>
<td>2/9/07</td>
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Free EndNote Web Now Available

A limited version of EndNote referencing software is now available on the Web. With it, users may import up to 10,000 editable reference records in over 2,200 reference styles, including The Journal of the American Veterinary Medical Association, BMC Cancer, and the Journal of Comparative Pathology.

In Vista, only does the program display metadata and format references in the designated style, it also inserts in-text references into Word while you write. Although some journals do not allow reference-creating software because the codes it creates interfere with publishing software, EndNote Web has a feature to remove those codes once the manuscript is finished. To delete field codes before submitting a manuscript, go to Tools, EndNote Web, and Remove Field Codes. Be sure to save a coded copy of the document before removing codes so that this information will not be removed from the entire document, not just references.

The free version of EndNote has limitations compared to the full version, such as the inability to save and create advanced searches, or cite figures, tables, or equations. The full version costs around $200 for faculty/staff and $100 for students at the university.

To learn to use EndNote, see the tutorial on www.endnoteweb.com. The entire presentation takes about three hours to complete, or individual components may be completed at different times (on average, about 4 minutes for each component).

Although CVM computers will not make the Windows Vista transition anytime soon, researchers could be using the updated operating system on their own computers, and any new PCs will include Vista as the standard. Users of SAS or SPSS software may want to hold on to those 2003 and XP operating systems a bit longer.

Discovery: Research at the University of Tennessee College of Veterinary Medicine (2007) 2.1

Research Resource Spotlight

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Dr. D.J. Krahkinkel presented “Problems in the operating room” at the CanWest Veterinary Conference 2006 in Whistler, British Columbia.

Dr. Federica Morandi was at the University of Bern in Switzerland in December as an invited speaker for a week-long nuclear medicine short course. Dr. Morandi presented a series of lectures on scintigraphy.

On Dec. 6, Dr. Jack Oliver presented a 6-hour continuing education program to veterinarians at the Rhode Island Veterinary Meeting in Newport, RI. The topics in the session on “Laboratory diagnosis and treatment of endocrine disorders” included physiological and pathophysiological relationships of the adrenals; hyperadrenocorticism in dogs, cats, and ferrets; hyperestrinism, hyperthyroidism, pheochromocytomas, and calcium disorders in dogs; hyperadrenocorticism and diabetes mellitus in dogs and cats; and feline hyperthyroidism.

On Jan. 26, Dr. Patricia Tithof presented “Environmental pollution & health risks” the Chattanooga Creek initiative as part of the semestler-long UT Science Forum.