Dear Alumni,

Welcome to the second edition of the Science and Math Advisory Board (SMAB) newsletter Resonance. In this issue you will be updated on many recent accomplishments of faculty and students and the plans for future newsworthy events. Please plan to attend the McMurry Science Alumni Reunion in the Spring of 2005. This reunion will give us a chance to travel down memory lane, honor those who have distinguished themselves in their professions as well as the university, hear world renowned speakers and learn the status of plans to enhance the Science and Mathematics Program. Some plans are still being discussed and will be finalized soon!

The members of the McMurry Science and Mathematics Advisory Board (SMAB) are happy to have played a small role in assisting the university and its students over the past decade. You too can participate in supporting McMurry’s sciences as a member of the “Friends of McMurry SMAB”. As a “Friend” you will be informed of science events, projects and needs that you can help us support if you so wish. You will find more information in this newsletter on how to become a “Friend”.

Some of you may wish to take a more active role in supporting the sciences. Although the SMAB membership is near capacity, we are still looking for members who are willing to make a deeper commitment to further advance the McMurry Science and Mathematics Program to a status of excellence as an institution of learning. Contact us if you would like to be part of this worthy cause. I am sure you will find your participation a positive and rewarding experience, as you contribute your time and talents to the future of McMurry University.

GO MCMURRY!!

McMurry Says Goodbye to Beloved Science Professor

This year the McMurry community said goodbye to a faculty member who left a distinguished record to the education of a generation of science and math students. Dr. Virgil Bottom died following several years of declining health. He was a pioneer in the field of quartz crystal research and a nationally-respected research scientist and educator. Recruited by industry and a scientific advisor to President Eisenhower. Bottom joined McMurry in 1958 and built an extremely successful physics program. His involvement in students’ lives included weekend workshops teaching quartz technology to young men who would eventually become leaders in companies such as Hewlett-Packard, Motorola and Quartzdyne. He retired in 1973, but continued to be an influential contributor to a field that made cell phones and other now commonplace technolo-

Alumna Returns to Teach at McM

This fall will be a homecoming for 1991 McMurry alumna Diane Farrell, who returns to the Department of Biology to teach physiology-related courses. This is a new position in Biology, representing growth in the faculty to accommodate the increasing numbers of life science majors and health professionals students. Farrell, who is originally from southern New Mexico, received her doctorate in cardiac physiology from UTHSC-San Antonio School of Medicine and has held NIH post-doctoral positions. She has several years of teaching experience at Trinity and Howard Payne. Her research focuses on the vasodilatory response to whole body heat stress, congestive heart failure, and lower body vascular response to lumbar spinal cord injury. Welcome back, Diane!

SMAB Helps Fund Upgrade of CSI

Thanks in part to a donation of funds from SMAB, the Department of Computer Science has replaced their research and project server, CSI. The new server has two 64 bit multiprocessors with two gigabytes of memory and 400 gigabytes of RAID disk storage. This is quite a step up in sophistication and performance from the old CSI. The machine will continue to house student and departmental projects, faculty webpages, software under review, and other vital materials for teaching and research.

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