

## **2008 Washington State University Radiochemistry Faculty Development Grant**

The Chemistry Department and the College of Sciences at Washington State University (WSU) proposes to use its own resources along with funding from the US Nuclear Regulatory Commission (NRC) to increase the capacity of its radiochemistry program by adding faculty. Although our radiochemistry program is well-established, our current capacity is limited by the number of faculty members available to contribute to our courses and research activities. We propose to use WSU and NRC resources to add two additional faculty members. One is an existing tenure-track Assistant Professor whose expertise could be applied to radiochemistry, if she is given an incentive to do so. The second faculty member would be a new hire who would start in the second year of the proposed activities; the search for the new hire will be conducted in the first year of the proposed work. The new hire will be possible because WSU will contribute a permanent tenure-track faculty line to radiochemistry, the funding for which will continue long beyond the proposed 3-year funding period. This proposal also describes a plan of faculty development opportunities that will position the two junior faculty members for success towards tenure. Our plan will increase our existing faculty FTEs in radiochemistry from 3.25 to 5.25, which we expect will at least double our capacity of BS, MS, and PhD graduates by the end of the proposed activities, and even triple our capacity within five years.