

**Research topic:** network-level information processing in the cortex, balance of excitation and inhibition, critical cortex hypothesis

**Start date:** as soon as July 1, 2012.

**Duration:** 2 or more years

**Salary:** \$45k + benefits (note that \$45k in Fayetteville AR is roughly equal to \$51k in Washington DC or New York NY)

**Desired experience:** in vivo electrophysiology in rodents, particularly chronic electrode implants

**Life outside of the lab in Fayetteville:** Fayetteville is a small city (population 70000) in the foot hills of the Ozark mountains. Kiplinger's 2008 "Best Cities to Work, Live and Play" list featured Fayetteville as #7. Forbes Magazine named the Fayetteville area as the second-best area in the United States for recovery from the current United States economic recession. It is politically progressive. There is very little crime. Homes are very affordable ~100k - 200k. After living in DC for 10 years, I find that the restaurants here are excellent. There is a very active art and live music scene. The city has invested heavily in an extensive system of bike trails and the public schools are nationally ranked.

For more details, please contact me [shew@uark.edu](mailto:shew@uark.edu)