



NCAB has supported the Montgomery County Science Fair, **ScienceMONTGOMERY**, for the past several years. We are again going to get a group together to volunteer as judges. It is so much fun and really rewarding.

The Montgomery County Science Fair will be held in the Reckord Armory Building at the University of Maryland, College Park, Maryland, on **March 19-21, 2010**. Judges are only needed on Saturday, March 20th.

Judges for *ScienceMONTGOMERY* should register under the “CATEGORY JUDGES” tab at www.sciencemontgomery.org, where you will find judging criteria, directions to the Fair, and, about a month before the Fair, procedures for judging on Fair Saturday, 8AM-5PM.

We need judges in the categories shown below.

- **Behavioral and Social Sciences:** Human and animal behavior, social and community relationships—psychology, sociology, anthropology, archaeology, ethology, ethnology, linguistics, learning, perception, urban problems, reading problems, public opinion surveys, educational testing, etc.
- **Biochemistry:** Chemistry of life processes—molecular biology, molecular genetics, enzymes, photosynthesis, blood chemistry, protein chemistry, food chemistry, hormones, etc.
- **Biology:** Study of plant and animal life—agriculture, agronomy, horticulture, forestry, plant taxonomy, plant physiology, plant pathology, plant genetics, hydroponics, algae, etc. , and animal genetics, ornithology, ichthyology, herpetology, entomology, animal ecology, paleontology, cellular physiology, circadian rhythms, animal husbandry, cytology, histology, animal physiology, invertebrate neurophysiology, studies of invertebrates, etc.
- **Chemistry:** Study of nature and composition of matter and laws governing it—physical chemistry, organic chemistry (other than biochemistry), inorganic chemistry, materials, plastics, fuels, pesticides, metallurgy, soil chemistry, etc.
- **Computer Science:** Study and development of computer hardware, software engineering, internet networking and communications, graphics (including human interface), simulations / virtual reality or computational science (including data structures, encryption, coding and information theory).
- **Earth and Space Science:** Geology, minerology, physiography, oceanography, meteorology, climatology, speleology, seismology, geography, astronomy, planetary science, etc.
- **Engineering:** Technology; projects that directly apply scientific principles to manufacturing and practical uses—civil, mechanical, aeronautical, chemical, electrical, photographic, sound, automotive, marine, heating and refrigerating, transportation, environmental engineering, etc.
- **Environmental Science:** Study of pollution (air, water, and land) sources and their control; ecology.



- **Mathematics:** Development of formal logical systems or various numerical and algebraic computations, and the application of these principles—calculus, geometry, abstract algebra, number theory, statistics, complex analysis, probability.
- **Medicine and Health:** Study of diseases and health of humans and animals—dentistry, pharmacology, pathology, ophthalmology, nutrition, sanitation, dermatology, allergies, speech and hearing, etc.
- **Microbiology** Biology of microorganisms—bacteriology, virology, protozoology, fungi, bacterial genetics, yeast, etc.
- **Physics:** Theories, principles, and laws governing energy and the effect of energy on matter—solid state, optics, acoustics, particle, nuclear, atomic, plasma, superconductivity, fluid and gas dynamics, thermodynamics, semiconductors, magnetism, quantum mechanics, biophysics, etc.

If you are willing to volunteer your time as a judge please register and write National Capital Area Branch AALAS in the affiliation block. If you have any questions please call Molly Romick, 240-472-4764 or rmckgsgrl@aol.com.