Ten from University chosen as AAAS Fellows

By Nancy Ross-Flanigan

News Service

Ten U-M researchers have been elected fellows of the American Association for the Advancement of Science.

They are among 471 scientists and engineers being awarded the distinction this year for their efforts to advance scientific applications that are considered scientifically or socially distinguished. The fellows, who were chosen by their peers, will be honored Feb. 16 at a forum during the 2008 AAAS annual meeting in Boston.

The U-M fellows and the reasons for their election are:

- David Engelke, professor of biological chemistry, for contributions to understanding the synthesis and processing of small RNAs and how these processes are spatially coordinated in nuclei;
- Gary Glick, Werner E. Bachmann Collegiate Professor of Chemistry and professor of biological chemistry, for scholarship in the field of organic chemistry, particularly the development of molecular targets, mechanisms and compounds useful for the treatment of autoimmune diseases;
- Robert T. Kennedy, Hobart H. Willard Collegiate Professor of Chemistry and professor of pharmacology, for contributions to analytical chemistry, including development of techniques for ultra-sensitive analysis and their application to neuroscience and diabetes research;
- John L. King, vice provost for academic information and professor of information, for contributions in academic administration, professional leadership and public policy impact through information technology research applied to societal problems;
- Pinaki Mazumder, professor of electrical engineering and computer science, for contributions to the field of very large-scale integrated systems;
• Laurie McCauley, William K. and Mary Anne Najjar Professor of Periodontics and professor of pathology, for contributions to the field of skeletal physiology, particularly for delineating mechanisms of parathyroid hormone action during bone regeneration and pathophysiology of skeletal metastases;

• Franco Nori, professor of physics, for theoretical contributions in condensed matter physics, particularly for studies of vortex dynamics in superconductors, quantum information, dynamical instabilities, Josephson-Junction arrays and quantum interference;

• Peter Polverini, dean and professor of dentistry and professor of pathology, for contributions to the field of vascular biology and the role of angiogenesis in tumorigenesis, and for efforts to incorporate science into dental education;

• Janet L. Smith, Margaret J. Hunter Collegiate Professor in the Life Sciences and professor of biological chemistry, for contributions to the field of structural biology, both for the development of methodology and for leadership in the establishment of facilities for crystallography; and

• Ronald Woodard, professor of medicinal chemistry and professor of chemistry, for contributions to the field of enzyme chemistry, particularly in the area of carbohydrate biochemistry dealing with macromolecular structures such as lipopolysaccharides.

Founded in 1848, AAAS is the world’s largest general scientific society, and publisher of the journal Science. For more information on AAAS, go to www.aaas.org.

More Stories

- U-M statement regarding accessibility of Michigan Stadium
- Big Ten football worth three Super Bowls to Michigan
- Ford: Zero-emission cars a green goal
- Women are critical to developing high-tech knowledge economy
- U. encourages global outreach, innovation to aid local economy
- Graham Institute names Jackson as first director
- Spotlight: Building manager has talent for embracing change
- Regents approve Thompson Street parking structure addition
- Journalists return to building that launched many careers
- Endowment increases with strong return
- Regents approve replacement of Towsley Center for Children
- New system will help computer users avoid illegal file sharing
- Faculty Senate asks for halt of Big House renovation
- Michigan Radio’s fall drive raises more than $655,000
- Nobel Peace Prize recipient will give McInally Lecture
- ACLU president to deliver academic freedom lecture
- Ten from University chosen as AAAS Fellows
- Solar Car Team rises above early crash
- Dwarf galaxies need dark matter too, say astronomers
- Law School offers 'rights' manual to Spanish-speaking families
- New fingerprinting method tracks mercury in environment
- Regents approve medical imaging equipment and facilities
- Faculty Governance
- University to lead disaster aftermath research center
- Photo: Persistent Burton blooms
- Photo: Violinist Fischer Nov. 4 at Hill Auditorium
- Photo: Photographic Quilts at U. Hospital through Dec. 12
- Photo: 20 Years, 12 Poets: Ceramics at Humanities through Nov. 14