Columbia Researchers Win NIH Grants

Columbia researchers in biomedical engineering and radiology recently won major grants from the National Institutes of Health.

Truman Brown, Penny K. and Yida L.B. Hudson Professor of Biomedical Engineering and professor of radiology, was awarded a $1.36 million grant from the National Institute of Diabetes & Digestive & Kidney Diseases (NIDDK) for research in Metabolic Pattern in 2H19 MWT Spectra of Bifidobacteria. The grant, whose co-principal investigator is Paul Szajda, associate professor in biomedical engineering, will be used to continue development of data analysis to identify key changes in metabolic compounds in bodily fluids, which may aid in the understanding of how drugs work or pathologies develop.

Andrew H. Heikenfeld, associate professor in biomedical engineering and radiology, won a four-year, $1.7 million grant titled Optical Tomography for the Diagnosis of Joint Diseases from the National Institute of Arthritis and Musculoskeletal and Skin Diseases. The grant funds the development of current laser-light technology for the diagnosis of rheumatoid arthritis in finger joints. The grant will also be used to test in clinical trials the performance of this novel imaging method and compare it with x-ray, ultrasound and magnetic resonance imaging.

McCorD, HSFH principal investigator, co-founder of Columbia Medical's New York Presbyterian Hospital of New York- Presbyterian and associate professor of psychiatry and public health at P&S. “By targeting those children with the greatest need, HSFH seeks to use up the holes in the healthcare safety net.”

Office of Disability Services Appoints New Director

Colleen Lewis has been appointed director of the Office of Disability Services (ODS). Lewis previously served as the director for students with disabilities at the City University of New York/Borough of Manhattan Community College after holding a similar position at Adelphi University. She also taught undergraduate sociology courses as a member of the adjunct faculty at Queens College. Lewis holds a B.A. in sociology and a master’s in rehabilitation counseling from the University of Illinois at Urbana-Champaign.

Disability Services is a division of Health Services at Columbia and provides consultation for students with disabilities, helping to find answers to their questions about Columbia, New York City and beyond. The ODS staff collaborates with students and their schools to develop programs that allow students to achieve academic and personal success. The ODS staff seeks to promote an environment of understanding and appreciation for people of all backgrounds and abilities on campus, and their services are also available to faculty and staff to consult about issues concerning students with disabilities.

McCorD, HSFH principal investigator, co-founder of Columbia Medical’s New York Presbyterian Hospital of New York- Presbyterian and associate professor of psychiatry and public health at P&S. “By targeting those children with the greatest need, HSFH seeks to use up the holes in the healthcare safety net.”

Office of Disability Services Appoints New Director

Colleen Lewis has been appointed director of the Office of Disability Services (ODS). Lewis previously served as the director for students with disabilities at the City University of New York/Borough of Manhattan Community College after holding a similar position at Adelphi University. She also taught undergraduate sociology courses as a member of the adjunct faculty at Queens College. Lewis holds a B.A. in sociology and a master’s in rehabilitation counseling from the University of Illinois at Urbana-Champaign.

Disability Services is a division of Health Services at Columbia and provides consultation for students with disabilities, helping to find answers to their questions about Columbia, New York City and beyond. The ODS staff collaborates with students and their schools to develop programs that allow students to achieve academic and personal success. The ODS staff seeks to promote an environment of understanding and appreciation for people of all backgrounds and abilities on campus, and their services are also available to faculty and staff to consult about issues concerning students with disabilities.

Highlights of the 40th edition include poetry by Lucille Clifton, Donald Hall and Karen Volyman; fiction by Raymond Carver, Ha Jin and Jonathan Lethem; and non-fiction by Philip Lopate and Larrie Morris. The retrospective’s cover features a detail of Kala Walker’s “The Emancipation Apparatus.”

“An invaluable training ground for future editors and curators, COLUMBIA has earned a strong reputation among writers and readers during its first 40 issues, and is looking forward to another 40 and beyond of publishing engaging writing,” says Lynton Smith, SOA ’06 and editor-in-chief.

For more information, visit www.columbia.edu/cu/arts/2004/40thissue.html

COLUMBIA A Journal of Literature and Art is celebrating its 40th issue with a retrospective highlighting the best of the more than 1,000 poems, essays, short stories, nonfiction essays and art it has published since its inception in 1977. The biannual journal’s latest issue is an extended retrospective volume produced by School of the Arts students, although it does not publish pieces written by students.

The journal, which is distributed nationally and is available at retailers such as Barnes & Noble and Borders, features work from established and emerging writers. Over the years it has included work by National Book Award winners and Nobel laureates as well as Tom Perrotta’s first short story, early poems by M. L. Starkey, Ofek, Sui Jeck Kim and others.

Above: An imaging head used for measuring transmitted light intensities through a human finger joint. The process is used to diagnose rheumatoid arthritis. The finger is placed in an ergonomically designed holder that positions the joint with respect to 48 optical fibers that surround the finger. Twenty-four fibers are in another 24 fibers simultaneously collect transmitted light intensities. The measurement data is input to a computer program, similar to programs used in X-ray CT image, that constructs a cross-sectional image through the finger joint.