



## SUMMER 2008 INTERIM REPORT

It is almost the one-year anniversary of the National Core for Neuroethics and we have been growing rapidly!

- Dr. Kate Tairyan joined us in June. As our newest Senior Postdoctoral Fellow, Kate is primarily responsible for the needs assessment project for our NIH grant “Advanced Neuroimaging: Ethical, Legal and Social Issues”, and is our resident expert for qualitative methods. She will also spearhead our new educational initiatives at UBC.
- Daniel Buchman also joined us in June. As a Research Fellow, Daniel has taken on responsibility for the clinical aim for the NIH grant, exploring attitudes toward imaging versus genetics for diagnosing and predicting mood, anxiety and attentional disorders in adults and children. Daniel is also working with Patricia Lau to develop the library for clinical neuroethics readings, and will be our key research liaison to initiatives that Michael Krausz is leading in Vancouver on addiction.
- We have initiated a collaboration with Mohsen Sadatsafavi, a fellow at the Centre for Health Evaluation and Outcome Sciences, together with Carlo Marra, Assistant Professor and Canada Research Chair in Pharmaceutical Outcomes to study the cost-benefit analysis of different ways of dealing with incidental findings. This is an important study examining the degree to which the business case can be aligned with classical neuroethical analysis.
- Kevin Comerford, a graduate student under the direction of Dr. Edie Rasmussen, Professor and Director of the School of Library, Archival and Information Studies, will begin collaborating with us on the data mining project for the NIH grant beginning in September 2008.
- Our MSFHR funded *Neuroethics for British Columbia Team* grant is well under way. This project involves working hand-in-hand with practicing neuroscientists, clinical researchers, policy makers and all citizens of science in British Columbia to ensure the close alignment of innovation with societal and individual human values.
- Dr. Peter Reiner is recruiting a research student for his new CIHR international grant on cognitive enhancement. This international collaboration between the National Core for Neuroethics and Professor Thomas Metzinger of Johannes Gutenberg University in Mainz, Germany is scheduled to begin in September.

# THE UNIVERSITY OF BRITISH COLUMBIA

- Drs. Robin Pierce and Judy Illes are editing a special neuroethics issue of the *Journal of Accountability in Research*.
- Dr. Peter Reiner is running a directed readings course in neuroethics this summer for Yemi Banjo, an M.Sc. student in the Graduate Program in Neuroscience who will likely join us as a graduate student in a year's time.
- Patricia Lau and Dr. Judy Illes have been studying privatized imaging in Canada, exploring the motivation behind privatization of this medical service and comparing the results to trends in other countries.
- Edmund Lo, a recent M.Sc. graduate of the Graduate Program in Neuroscience and Dr. Peter Reiner have nearly completed their study of companies offering personalized genomic services, comparing brain-related genomic data to somatic-related, focusing upon ethical issues including the impact of false hopes and other forms of misinformation, privacy, ownership of genomic information and genomic discrimination.
- Neil Chalal is joining us in July as Research Administrator. His overall responsibility is to manage the array of research projects ongoing at the Core; his first set of priorities will be to finalize arrangements for our Inaugural event to be held on 11 September 2008.
- We are actively recruiting for a Research Fellow for a project on Aging, Dementia and First Nations. This project seeks to understand culturally-relevant aspects of aging and dementia in First Nations groups in order to develop neuroethics models that bridge existing scientific and social divides.
- Sofia Lomber, Manager for Research and Global Partnerships and the International Neuroethics Network has begun to collect data from a survey that aims to understand how neuroscientists engage in neuroethics in different countries around the world. The first data set was obtained by a group of colleagues in Italy, and Sofia has now collected data from a Canadian cohort, with plans in place to repeat the survey in additional countries.
- Sofia Lomber and Dr. Kate Tairyan are collaborating with Dr. Erica Frank, Canada Research Chair in Preventive Medicine and Population Health, to develop a web-based neuroethics course to be included in the Health Sciences Online a "portal where health professionals in training and practice can access free comprehensive, high quality, current courses, references and other resources to improve global health".

# THE UNIVERSITY OF BRITISH COLUMBIA

## 2008 PUBLICATIONS

- Pierce, R. and Illes, J. Policy must recognize drug impact on different sectors. *Nature*, 2008, 451(7178):521.
- Reiner, P.B. Norman Doidge, The Brain that Changes Itself. *American Journal of Bioethics*, 2008, 8(1):62-63.
- Illes, J., Kirschen, M.P., Edwards, E., Bandettini, P., Cho, M.K., Ford, P.J., Glover, G.H., Kulynych, J., Macklin, R., Michael, D.B., Wolf, S.M., Grabowski, T., and Seto, B. Practical approaches to incidental findings in brain imaging research. *Neurology*, 2008, 70(5):384-90.
- Illes, J. and Suchowersky, O. Appealing to the restless consumer. *Nature Clinical Practice Neurology*, 2008, 4(3):117.
- Murphy, E., Illes, J., Reiner P.B., Neuroethics of neuromarketing. *J. Consumer Behavior* (In press)
- Illes, J., Kirschen, M.P., Edwards, E., Bandettini, P., Michael, D.B., Ford, P.J., Glover, G.H., Kulynych, J., Macklin R., Wolf, S.M., Grabowski, T., Seto B. Practical approaches to incidental findings in brain imaging research. *Neurology*, 2008, 70, 384-390
- Lomber, S., Illes, J. International dimensions of neuroethics. *Developing World Bioethics*. (In press)
- Illes, J. Lomber, S., Rosenberg, J., Arnow, B.A. In the mind's eye: Provider and patient attitudes on functional brain imaging, *Journal of Psychiatric Research*. (In press).
- Wolf, S.W., Lawrenz, F., Nelson, C.A., Kahn, J.P., Cho, M., Clayton, E., Fletcher, J., Georgieff, M., Hammerschmidt, D., Hudson, K., Illes, J., Kapur, V., Keane, M., King, R. Koenig, B. LeRoy, B., McFarland, E., Paradise, J., Parker, L. Terry, S., Van Ness, B. Wilfond, B., Managing incidental findings in human subjects research. *Journal of Law, Medicine and Ethics*. Summer 2008.
- Illes, J., Chin, V.N. Bridging philosophical and practical implications of incidental findings in brain research. *Journal of Law, Medicine and Ethics*. Summer 2008.
- Racine, E., Amaram, R., Seidler, M., Karczewska, M., Illes, J., Media coverage of the persistent vegetative state and end-of-life decision-making, *Neurology*. (In press)
- Illes, J., Identifiable neuro ethics challenges to the banking of neuro data, *Minnesota Journal of Law, Science & Technology*. (In press)
- Racine, E. and Illes, J. "Emergentism" at the crossroads of philosophy, neurotechnology, and the enhancement debate. J. Bickle (Ed.) *Handbook of Philosophy*. Oxford University Press. (In press)
- Racine, E. and Illes, J. Neuroethics for clinicians: Ethical challenges of directly marketed frontier neurotechnology. P. Singer (Ed.) *Bioethics for Clinicians*, Cambridge University Press, Cambridge, UK, 2008.
- Illes, J. and Kirschen, M.P. Incidental neuroradiological findings. *Encyclopedia of Imaging*. Springer-Verlag, Heidelberg, Germany. (In press)

# THE UNIVERSITY OF BRITISH COLUMBIA

- Illes, J. Global partnerships in neuroethics. Introduction to the Japanese Translation of *Neuroethics: Defining the field in theory, practice and policy* (J. Illes, Ed.). (In press)
- Racine, E., Bell, E., Illes, J. Can we read minds? Ethical challenges and responsibilities in the use of neuroimaging research. Giordano and Gordijn (Eds.). (In press)
- Illes, J. Vicissitudes of imaging, imprisonment, and intentionality, *TELOS*, R. Brownsword (Ed.). (In press)
- Illes, J. *Medicine, neuroscience, ethics and society: The Tanner Lectures on Human Values*, University of Utah Press, 2008.

## UPCOMING PRESENTATIONS AT INTERNATIONAL CONFERENCES

- Crawley, L., Stone, J.R., Illes, J., Direct to consumer advertising in black and white: racial differences in consumer exposure and physician perspectives, *American Society for Bioethics and Humanities*, October, 2008, Cleveland, OH.
- Karkazis, K., Bell, E., Murphy, E., Tovino, S., Illes, J. Women's neuroethics? Why gender matters for neuroethics, *American Society for Bioethics and Humanities*, October, 2008, Cleveland, OH.
- Lomber, S., Illes J., International neuroethics education online: the development of a web-based curriculum, *Society for Neuroscience*, November, 2008, Washington, DC.
- Illes, J., Lau, P., Lomber, S., Reiner, P. Clinical neuroethics outreach, *Society for Neuroscience*, November, 2008, Washington, DC.
- Lau, P., Illes, J., Privatized imaging for brain disorders, *Society for Neuroscience*, November, 2008, Washington, DC.