

“mPAL” (Mobile Personalized Assessment and Learning), combines mHealth-based educational functions with the Ecological Momentary Assessment (EMA) functions of TED (transactional electronic diary) software. mPAL allows interchange of data obtained from EMA and learning system in order to deliver context-aware intervention in real time, customized to the individual needs of participants. mPAL enables participants to interact with educational materials at the time and place of their choosing and receive personalized feedback when and where it is most needed. The software integrates into HuRIS where comprehensive patient data can be leveraged alongside the mPAL data to provide better understanding of the underlying factors under investigation.

*Potential Commercial Applications:*

- Substance abuse
- Drug abuse
- Alcoholism
- Behavioral modification
- Smoking cessation
- Pain management

*Competitive Advantages:*

- Low-cost mobile treatment mechanism
- Provides personalized feedback to patients at the time and place they choose
- Proven usability in prior clinical studies

*Development Stage:* Clinical

*Inventors:* Massoud R. Vahabzadeh, Mustapha Mezghanni, and Jia-Ling Lin (all of NIDA)

*Publications:*

1. Vahabzadeh M, *et al.* PGIS: Electronic diary data integration with GPS data initial application in substance-abuse patients. In, Proc. 23rd IEEE International Symposium on Computer-Based Medical Systems, pp 474–9, 2010. [DOI: 10.1109/CBMS.2010.6042691]
2. Lin JL, *et al.* A high-level specification for adaptive ecological momentary assessment: real-time assessment of drug craving, use and abstinence. AMIA Annu Symp Proc. 2005:455–9. [PMID 16779081]
3. Vahabzadeh M, *et al.* An electronic diary software for ecological momentary assessment (EMA) in clinical trials. In, Proc. 17th IEEE International Symposium on Computer-Based Medical Systems, pp 167–72, 2004. [DOI: 10.1109/CBMS.2004.1311709]

*Intellectual Property:* HHS Reference No. E–195–2012/0—Software. Patent protection is not being pursued for this technology.

*Licensing Contact:* Michael Shmilovich; 301–435–5019; [shmilovm@mail.nih.gov](mailto:shmilovm@mail.nih.gov).

*Collaborative Research Opportunity:* The NIDA, IRP, Biomedical Informatics Section, is seeking statements of capability or interest from parties

interested in collaborative research to further develop, evaluate or commercialize Mobile Personalized Assessment & Learning for Addiction Treatment and Behavioral Modification. For collaboration opportunities, please contact Vio Conley at [conlevy@mail.nih.gov](mailto:conlevy@mail.nih.gov).

**Plasmid Useful in Transplantation Therapy for Age-Related Eye Disease**

*Description of Technology:*

Researchers have developed a green fluorescent protein (GFP) based plasmid that can be used to detect differentiated retinal pigment epithelium (RPE) cells. RPE is a layer of cells located behind the eye that becomes damaged in age-related macular degeneration (AMD). Current cell based therapies for treating AMD focus on generating RPE cells from stem cells. This GFP-based plasmid can be inserted into growing stem cells, and the fluorescence marker can be used to detect and purify stem cells differentiating into RPE cells. This advancement allows generation of a purified population of RPE cells for in vitro and transplantation purposes.

Additionally, cells comprising the GFP-based construct may be useful in high-throughput drug screening as a means to: (1) identify potential therapeutic targets of RPE degenerative diseases such as AMD, and (2) evaluate initial toxicity of candidate drugs in RPE cells.

*Potential Commercial Applications:*

- Fluorescence based marker for detecting and purifying differentiated RPE cells
- Potential use in high throughput drug screening

*Competitive Advantages:* GFP based marker allows for fast and simple detection of differentiated RPE cells from stem cells.

*Development Stage:*

- Prototype
- In vitro data available

*Inventors:* Kapil Bharti (NINDS), Heinz Arnheiter (NINDS), Sheldon Millier (NEI)

*Publication:* Bharti K, *et al.* The new paradigm: retinal pigment epithelium cells generated from embryonic or induced pluripotent stem cells. Pigment Cell Melanoma Res. 2011 Feb;24(1):21–34. [PMID 20846177]

*Intellectual Property:* HHS Reference No. E–054–2012/0—Research Tool. Patent protection is not being pursued for this technology.

*Licensing Contact:* Lauren Nguyen-Antczak, Ph.D., J.D.; 301–435–4074; [lauren.nguyen-antczak@nih.gov](mailto:lauren.nguyen-antczak@nih.gov).

Dated: August 10, 2012.

**Richard U. Rodriguez,**

*Director, Division of Technology Development and Transfer, Office of Technology Transfer, National Institutes of Health.*

[FR Doc. 2012–20059 Filed 8–14–12; 8:45 am]

**BILLING CODE 4140–01–P**

**DEPARTMENT OF HEALTH AND HUMAN SERVICES**

**National Institutes of Health**

**National Institute of Mental Health; Notice of Meeting**

Pursuant to section 10(d) of the Federal Advisory Committee Act, as amended (5 U.S.C. App.), notice is hereby given of a meeting of the National Advisory Mental Health Council.

The meeting will be open to the public as indicated below, with attendance limited to space available. Individuals who plan to attend and need special assistance, such as sign language interpretation or other reasonable accommodations, should notify the Contact Person listed below in advance of the meeting.

The meeting will be closed to the public in accordance with the provisions set forth in sections 552b(c)(4) and 552b(c)(6), Title 5 U.S.C., as amended. The grant applications and the discussions could disclose confidential trade secrets or commercial property such as patentable material, and personal information concerning individuals associated with the grant applications, the disclosure of which would constitute a clearly unwarranted invasion of personal privacy.

*Name of Committee:* National Advisory Mental Health Council.

*Date:* September 13, 2012.

*Open:* 8:30 a.m. to 2 p.m.

*Agenda:* Presentation of NIMH Director's report and discussion on NIMH program and policy issues.

*Place:* National Institutes of Health Neuroscience Center, 6001 Executive Boulevard, Conference Room C/D/E, Rockville, MD 20852.

*Closed:* 2:30 p.m. to 5 p.m.

*Agenda:* To review and evaluate grant applications

*Place:* National Institutes of Health Neuroscience Center, 6001 Executive Boulevard, Conference Room C/D/E, Rockville, MD 20852.

*Contact Person:* Jane A. Steinberg, Ph.D., Director, Division of Extramural Activities, National Institute of Mental Health, NIH, Neuroscience Center, 6001 Executive Blvd., Room 6154, MSC 9609, Bethesda, MD 20892–9609, 301–443–5047.

Any member of the public interested in presenting oral comments to the committee may notify the Contact Person listed on this

notice at least 10 days in advance of the meeting. Interested individuals and representatives of organizations may submit a letter of intent, a brief description of the organization represented, and a short description of the oral presentation. Only one representative of an organization may be allowed to present oral comments and if accepted by the committee, presentations may be limited to five minutes. Both printed and electronic copies are requested for the record. In addition, any interested person may file written comments with the committee by forwarding their statement to the Contact Person listed on this notice. The statement should include the name, address, telephone number and when applicable, the business or professional affiliation of the interested person.

In the interest of security, visitors will be asked to show one form of identification (for example, a government-issued photo ID, driver's license, or passport) and to state the purpose of their visit.

Information is also available on the Institute's/Center's home page: <http://www.nlm.nih.gov/about/advisory-boards-and-groups/namhc/index.shtml>, where an agenda and any additional information for the meeting will be posted when available. (Catalogue of Federal Domestic Assistance Program Nos. 93.242, Mental Health Research Grants; 93.281, Scientist Development Award, Scientist Development Award for Clinicians, and Research Scientist Award; 93.282, Mental Health National Research Service Awards for Research Training, National Institutes of Health, HHS)

Dated: August 8, 2012.

**Anna P. Snouffer,**

*Deputy Director, Office of Federal Advisory Committee Policy.*

[FR Doc. 2012-20055 Filed 8-14-12; 8:45 am]

**BILLING CODE 4140-01-P**

## DEPARTMENT OF HEALTH AND HUMAN SERVICES

### National Institutes of Health

#### National Institute of Neurological Disorders and Stroke; Notice of Closed Meeting

Pursuant to section 10(d) of the Federal Advisory Committee Act, as amended (5 U.S.C. App.), notice is hereby given of the following meeting.

The meeting will be closed to the public in accordance with the provisions set forth in sections 552b(c)(4) and 552b(c)(6), Title 5 U.S.C., as amended. The grant applications and the discussions could disclose confidential trade secrets or commercial property such as patentable materials, and personal information concerning individuals associated with the grant applications, the disclosure of which would constitute a clearly unwarranted invasion of personal privacy.

*Name of Committee:* National Institute of Neurological Disorders and Stroke Special Emphasis Panel; Translational Research Review.

*Date:* August 23, 2012.

*Time:* 4:30 p.m. to 5:30 p.m.

*Agenda:* To review and evaluate grant applications.

*Place:* National Institutes of Health, Neuroscience Center, 6001 Executive Boulevard, Rockville, MD 20852, (Telephone Conference Call).

*Contact Person:* Ernest W. Lyons, Ph.D., Scientific Review Officer, Scientific Review Branch, Division of Extramural Research, NINDS/NIH/DHHS, NSC, 6001 Executive Blvd., Suite 3208, MSC 9529, Bethesda, MD 20892-9529, 301-496-4056, [lyonse@ninds.nih.gov](mailto:lyonse@ninds.nih.gov).

This notice is being published less than 15 days prior to the meeting due to the timing limitations imposed by the review and funding cycle.

(Catalogue of Federal Domestic Assistance Program Nos. 93.853, Clinical Research Related to Neurological Disorders; 93.854, Biological Basis Research in the Neurosciences, National Institutes of Health, HHS)

Dated: August 8, 2012.

**Anna P. Snouffer,**

*Deputy Director, Office of Federal Advisory Committee Policy.*

[FR Doc. 2012-20052 Filed 8-14-12; 8:45 am]

**BILLING CODE 4140-01-P**

## DEPARTMENT OF HEALTH AND HUMAN SERVICES

### National Institutes of Health

#### National Institute of Neurological Disorders and Stroke; Notice of Meeting

Pursuant to section 10(d) of the Federal Advisory Committee Act, as amended (5 U.S.C. App.), notice is hereby given of the National Advisory Neurological Disorders and Stroke Council.

The meeting will be open to the public as indicated below, with attendance limited to space available. Individuals who plan to attend and need special assistance, such as sign language interpretation or other reasonable accommodations, should notify the Contact Person listed below in advance of the meeting.

The meeting will be closed to the public in accordance with the provisions set forth in sections 552b(c)(4) and 552b(c)(6), Title 5 U.S.C., as amended. The grant applications and the discussions could disclose confidential trade secrets or commercial property such as patentable materials, and personal information concerning individuals associated with the grant applications, the disclosure of which

would constitute a clearly unwarranted invasion of personal privacy.

*Name of Committee:* National Advisory Neurological Disorders and Stroke Council.

*Date:* September 20-21, 2012.

*Open:* September 20, 2012, 8 a.m. to 2:15 p.m.

*Agenda:* Report by the Director, NINDS; Report by the Associate Director for Extramural Research; and Administrative and Program Developments.

*Place:* National Institutes of Health, Building 31, 31 Center Drive, C Wing, Conference Room 6, Bethesda, MD 20892.

*Closed:* September 20, 2012, 2:15 p.m. to 5 p.m.

*Agenda:* To review and evaluate grant applications.

*Place:* National Institutes of Health, Building 31, 31 Center Drive, C Wing, Conference Room 6, Bethesda, MD 20892.

*Closed:* September 21, 2012, 8 a.m. to 11 a.m.

*Agenda:* To review and evaluate grant applications.

*Place:* National Institutes of Health, Building 31, 31 Center Drive, C Wing, Conference Room 6, Bethesda, MD 20892.

*Contact Person:* Robert Finkelstein, Ph.D., Associate Director for Extramural Research, National Institute of Neurological Disorders and Stroke, NIH, 6001 Executive Blvd., Suite 3309, MSC 9531, Bethesda, MD 20892, (301) 496-9248.

Any interested person may file written comments with the committee by forwarding the statement to the Contact Person listed on this notice. The statement should include the name, address, telephone number and when applicable, the business or professional affiliation of the interested person.

In the interest of security, NIH has instituted stringent procedures for entrance onto the NIH campus. All visitor vehicles, including taxicabs, hotel, and airport shuttles will be inspected before being allowed on campus. Visitors will be asked to show one form of identification (for example, a government-issued photo ID, driver's license, or passport) and to state the purpose of their visit.

Information is also available on the Institute's/Center's home page: <http://www.ninds.nih.gov>, where an agenda and any additional information for the meeting will be posted when available.

(Catalogue of Federal Domestic Assistance Program Nos. 93.853, Clinical Research Related to Neurological Disorders; 93.854, Biological Basis Research in the Neurosciences, National Institutes of Health, HHS).

Dated: August 8, 2012.

**Anna P. Snouffer,**

*Deputy Director, Office of Federal Advisory Committee Policy.*

[FR Doc. 2012-20048 Filed 8-14-12; 8:45 am]

**BILLING CODE 4140-01-P**