Brief Bio and (PR)$^2$: Problems & Pitches – Rants & Raves by *Edmund Talley*

**Self Introduction**

Edmund (Ned) Talley is a Program Director at the National Institute of Neurological Disorders and Stroke, which is a part of the National Institutes of Health and is among the premiere sources of funding for basic research on the nervous system. Dr. Talley manages a portfolio of research grants on synaptic transmission. Recently he has been focused on developing informatics tools for discovery and assessment of funding trends across NIH Institutes and other federal agencies. The initial phase of this work is available as a searchable database of NIH grants using unsupervised statistical assessment of grant titles and abstracts ([http://nihmaps.org](http://nihmaps.org)). For a detailed description of the database design and its analytic capabilities, see [http://www.nature.com/nmeth/journal/v8/n6/full/nmeth.1619.html](http://www.nature.com/nmeth/journal/v8/n6/full/nmeth.1619.html).

**Publications**

- Database of NIH grants using machine-learned categories and graphical clustering Edmund M Talley, David Newman, David Mimno, Bruce W Herr II, Hanna M Wallach, Gully A P C Burns, A G Miriam Leenders and Andrew McCallum, Nature Methods, Volume 8(7), June 2011, pp. 443-444. *(also see accompanying editorial)*

**Homepage and Software**

[http://nihmaps.org](http://nihmaps.org)