

### Overview of 2016 Grants: Percentages of Grants Portfolio per Category

2016 took Mayday in some new directions, as the Trustees continued their interests in identifying tools, including a pain thermometer type of diagnostic test, that would build the evidence base for what pain is and how it might best be addressed. The other challenge was to try to identify clinical treatments that might ameliorate and hopefully eliminate pain.

The Fund continued to contribute to projects that address pediatric pain and geriatric pain. Mayday is one of the few institutions that address pain across the life cycle.

*Grants were made to support clinical and basic biomedical research to determine the causes of pain and strategies to assess and treat it.*

*Aggregate Grants Amount: \$539,042 or app. 58% of the grant budget of \$930,944\*\* the percentages within this category represent proportion of total grant budget.*

In pediatric pain, clinical research:

*\$ 87,873.80 or 9%*

- Rett's Syndrome a postnatal neurological disease, another genetic disease, is characterized in part by the child's inability to communicate what their pain is. This study at the University of Minnesota will identify biomarkers for pain and strategies to better treat these children. (*Pain Thermometer*)
- Children's Hospital of Minnesota is conducting a practice change study across 4 hospitals, chosen via application, across the US to address needle procedure pain that is undertreated in the hospital setting. This study complements the work being done with the WHO through the grant to the University of Toronto, Help in Kids Project, to provide public access to journal articles that demonstrate the evidence that needle pain can be treated and if so, among other outcomes, will improve parental compliance with vaccinations. Yr 2 was paid in 2015.
- Children's Hospital of Philadelphia received a grant to support a data scan study to contribute to knowledge about pain in children on the Autism Spectrum.
- The University of Iowa, College of Nursing, received a grant addition to conduct further analysis of the findings of the project, Piloting a Picture of Pain in the PICU.

In adult clinical medicine:

*\$240,068 or 26%*

- The Fund extended its work in Emergency Medicine by continuing to add support to a large NIH funded study at the University of North Carolina on Biomarkers that would indicate those patients at risk to develop chronic pain after being treated in the ED for Sexual Assault. There is a basic science component in this research that uses microRNA to target who may be at risk. This is a line of basic research that Mayday has supported for the last several years and which holds great promise diagnostically.
- In 2016, MAYDAY agreed to contribute funds to a NIH funded multi-site Emergency Department study on pain in those with PTSD.
- The Department of Anesthesiology and Clinical Medicine at the University of Washington received a grant to develop a tele-coaching app to optimize pre and post-operative pain management.
- An award was made to the National Institute of Neurological Disorders and Stroke to support data collection and analysis of VA records to supplement a NIH Grant: Collaborative Care for Chronic Pain in Primary Care.

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\*\* the percentages add up to slightly more than 100% due to rounding

In basic biomedical research:

**\$211,100 Or 23%**

- A grant was made to the PsychoNeuroImmunological Society to study the role of gene therapy in a veterinary population with Osteoarthritis. (*Alternative Strategies & Therapies*)
- The American Pain Society received a grant to award two grants in the Future Leaders of Pain Research category.

***Knowledge & Networks***

**\$ 330,452 or 35%**

- Children's Hospital and Clinics of Minnesota organized a convening with the goal of creating a Consensus Statement for the Ethical Management of Pain in Pediatric Research Subjects.
- The Ann and Robert H. Lurie Children's Hospital in Chicago is organizing the training and creation of manuals for the Pediatric Pain Resource Nurse (PRN) Program.
- The University of Iowa College of Nursing is re-launching the website geriatricpain.org
- Stanford University's Department of Communications participated on the planning and conduct of the conference, Future Technology (VR) for Pain Management and Discomfort Reduction held in September 2016. (*Alternative Strategies & Therapies*)
- The Betty Irene Moore School of Nursing at The University of California at Davis organized a meeting to further the development of core Interprofessional competencies for the diagnosis and care of pain at the International Association for the Study of Pain's World Congress.
- Through the Foundation for Neurologic Diseases, MAYDAY contributed to the further development of the Pain Research Forum.
- Weill Cornell Medicine, Department of Geriatrics, received a grant to support a Workshop on Pain and Aging to be held in conjunction with the International Association of Gerontological Societies Annual Meeting.

***Nimble work:***

**\$56,500 Or 6%**

- The Trustees contributed to a film being made at the Mount Sinai Hospital in New York that focuses on the care of pain and how it figures in the delivery of palliative care.
- A two-year grant was made to the PAINS Project to support the provision of information for the public on pain and the potential of the National Pain Strategy.
- A grant was made in lieu of an honorarium to the International Hospice and Palliative Care Association

***Foundation Citizenship:***

**\$4950 or less than 1 %**

- Grants were made to the Council on Foundations and Philanthropy New York

*May 1, 2017*