

BUDAPEST 2016 INTERNATIONAL CONFERENCE Alzheimer's Disease International



Support & advocacy of, by & for people with dementia

DEMENTIA ALLIANCE INTERNATIONAL

member of

Mary L. Radnofsky, Ph.D. by

The Well-Educated Lab Rat: **Clinical Research From** Inside the Maze



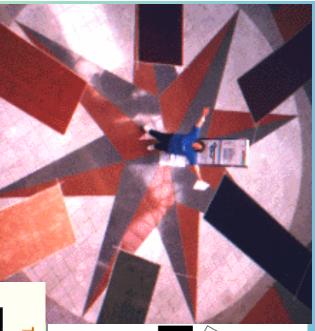
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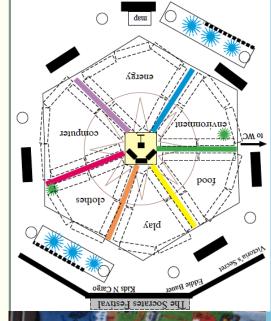
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ALZHEIMER'S DISEASE INTERNATIONAL

Thank you,

Educational Settings **Lesearch**







The Socrates Festival 1999 Landmark Mall



Official unveiling of the interdisciplinary mural: "Children's Visions of Alexandria: Past-Present-Future" on June 4, 1999.





| "ruled out demyelinating disorder" | odzki: rophy" | "age-associated memory impairm "normal "normal" "normal" "hite matter white matter "normal" "normal" "infection." "She left the office before I could schedule her for a 3rd neurology sha brain disorder. "YaSculitis" | Some early [mis]diagnoses |
|---|---------------------------|--|---------------------------|
| ating disord | "Normal, but angry" | "Vasculitis" | y [mis]c |
| ler" | "suspected CADASIL" | ient" | liagnos |
| INTERNATIONAL The global voice of dementia | | (at age 55) 20014 "Mas upset Inat I did 2005 2005 2005 2005 2005 | es |

he Pushme-Pullyou Phenomenon







And I choose to dance!



...you have to get creative if you want to dance!



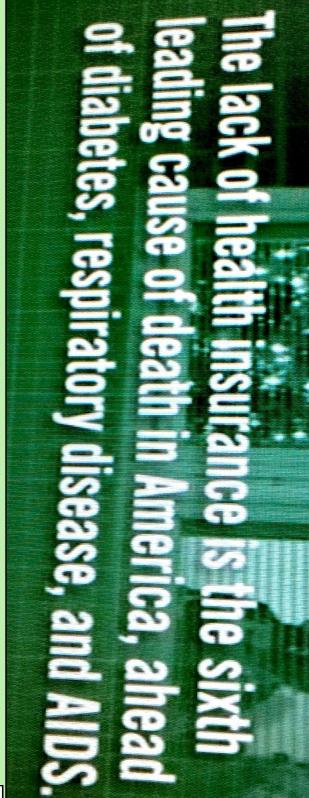
pushed in one direction and pulled in another .. When you're being







Critical Condition (2008)



1. I have no health insurance.

in medical research Why I volunteer

in medical research Why I volunteer

- 1. I have no health insurance.
- 2. I trust science.
- ယ . I was born to teach.
- 4. I'd like to matter to the world.
- 5. I need a little hope once in awhile.





*now, some on me!

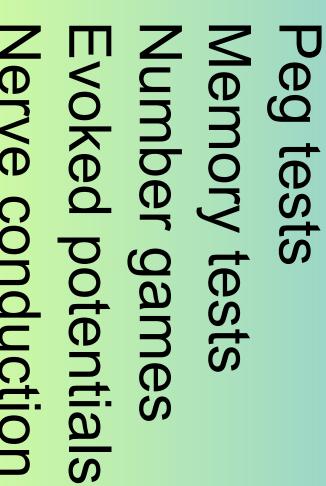


nih.gov

NIH spends over \$32 medical research billion per year on



Nerve conduction studies



MRIS

First NIH Clinical Trial (MS) **FESTS & PROCEDURES**

First Clinical Trial (MS

Stair climbing Walk on heels Strength tests Balance & reflex tests Coordination Touch your nose







First Clinical Trial (MS)





Blood tests Hearing tests Drawing shapes Lumbar puncture







"Using





hopes vs.

medica care



Emotional Pushme-Pullyou





My second clinical tria

| | CLINICAL TRIAL | _ | IMELINE |
|-------|--|-------|--|
| TRIAL | ×Μ | TRIAL | MY |
| MONTH | ACTIVITY | MONTH | |
| Pre-1 | Applied in person, phone calls, emails. | 10 | I emailed, begging for test results. |
| 1 | NIH 1-day test. Told: wait weeks/months. | 11 | Depressed, I asked for test results. |
| 2 | Waited for results. | 12 | Appointment: results inconclusive. |
| 3 | Waited some, then requested results. | 13 | Emails. Wait to get a test to confirm. |
| 4 | Told to wait. Waited for results. | 14 | Emails. Wait to get a test to confirm. |
| 5 | Waited for results. | 15 | Emails. Wait to get a test to confirm. |
| 6 | Waited for results. | 16 | Wait to get a test to confirm. |
| 7 | Waited for results. | 17 | Wait to get a test to confirm. |
| 8 | Appointment for results cancelled. | 18 | Waiting ADI conference |
| 6 | Appointment for results cancelled. | | |





fore at no charge to you)..." "I apologize for the late under the research (and thereensure that we could see you response. We are trying to

Communicating with Me



more delays in trying to find out what's happening!" without anesthesia than any "I'd rather have a root canal - Mary

With Researchers



results you have, I'd be satisfied. Thank you."

scheduler cancelled my time to give me a few minutes appointment... I no longer to explain whatever gene/test doctor, so if you'd just find have any hope to see the "It's been 3 weeks since the With Researchers



for every step." know, but I do not update

to ensure that it [is] appropriate for participants... I'll let you there is no update. We're awaita process which takes minutes, "You've not heard back because review of the proposed research ing ethical approval. This is not but rather involves a thorough Communicating with Me

Communicating with **Researchers**

pursue opportunities with other year... just to get details on my timely intervention is key ... " support groups ... You know that similarly-diagnosed patients, condition so I could potentially land... I've been waiting nearly a "You still leave me in No-man's



in clinical trials. 2. a topic not discussed in handbooks for volunteers

INTERNATIONA DEMENT

he global voice of demi

unhealthy degree).

particular person, idea, or object (especially to an

The concentration of mental energy on one

NOUN

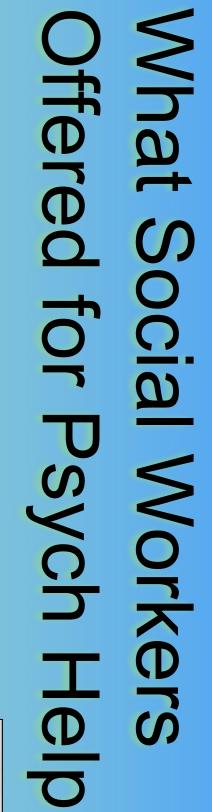
Psychoanalysis

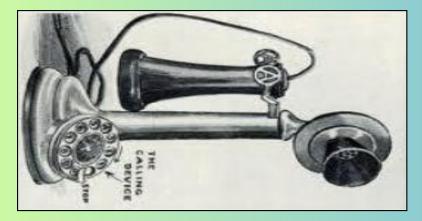
cathexis

noun

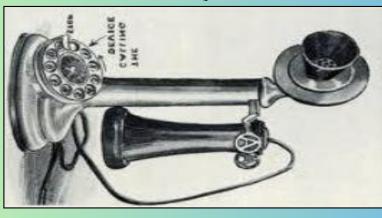
Emotional Investment -

Pronunciation: /kəˈTHeksəs/ 🕐 📢





just let you vent, or discuss problems." communication "I could, like,







investment of being studied and strategies to help them Clinical trials should inform volunteers about the risks deal with the emotional as human subjects.

BELIEVE :.



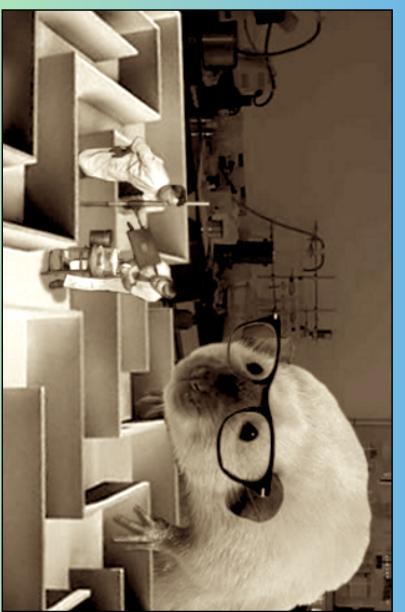
study.

psychiatrists prior to, during, and for a brief time after the Volunteers in clinical trials should be given easy and confidential access to psychologists or

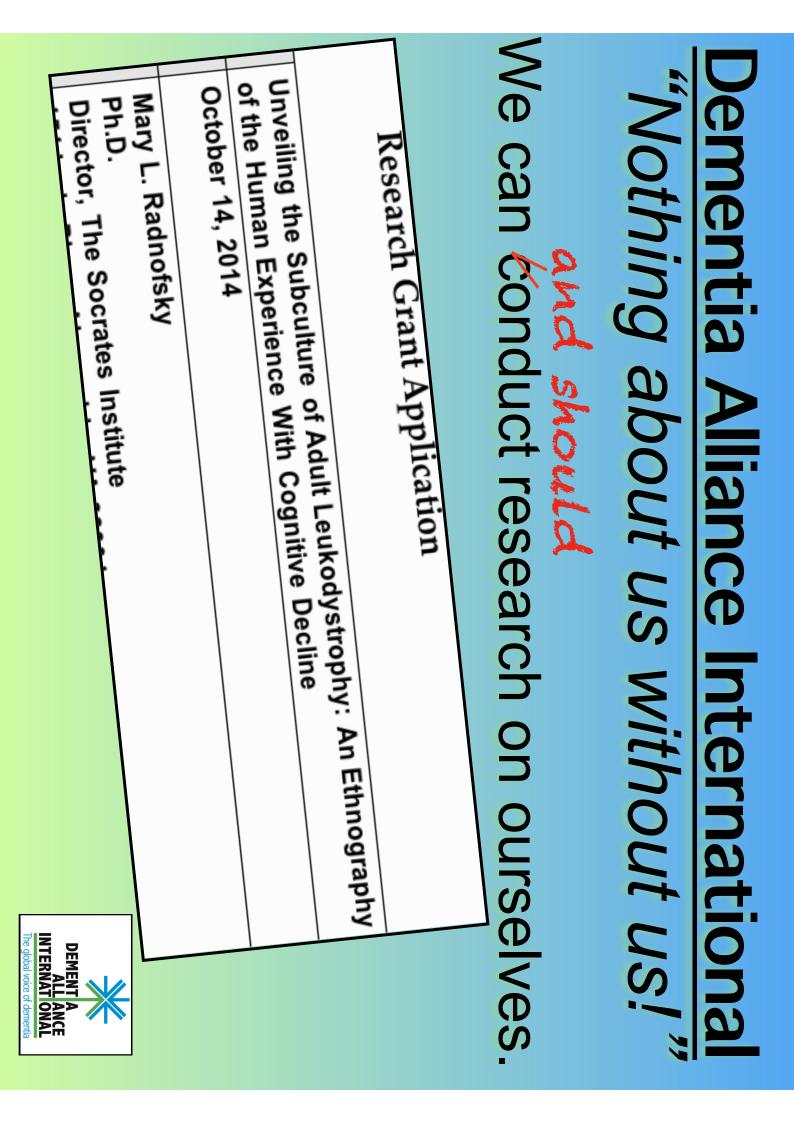
ALSO BELIEVE ...



we could feel like any other human on a research team.



because instead of feeling ike a human lab rat,



Conducting Research on Ourselves

Research Plan

1. Hypothesis

aesthetically, socially, spiritually, gustatorily, spatially/geographically, technologically, environmentally, patient perceive and respond to the world – physically, intellectually, psychologically, emotionally, financially, and otherwise, as the condition progresses? What is the nature of the entire human experience in the leukodystrophy subculture? How does a

2. Specific Aims

doctors, caregivers, and future patients, thereby facilitating earlier diagnosis and treatment; processes in a patient with adult-onset leukodystrophy and cognitive decline, so as to better inform To illuminate hidden or invisible behaviors and perceptions, unspoken expectations and thought

discouraging), while medically documenting progression of the disease; euphoric tension (i.e. pleasurable and stimulating) or dysphoric tension (i.e. disagreeable and To record daily observations, for one year, by a patient with adult-onset leukodystrophy, so as to chronicle her metacognitive insights related to physical and cognitive stressors perceived either as

Seeing the Value of Our Own Research

Unedited Comments of the Review Committee:

Strengths:

- I trust that the subjective experience of cognitive decline is an important one that can and should be addressed.
- The investigator is a committed individual to evaluating the experience and has presented a well worked out plan.
- ence with the disease. This is a unique qualitative analysis of a leukodystrophy patient's subjective experi-
- qualified to collect and analyze the data. The PI is highly experienced in the qualitative methodology proposed and is well



.But Failing to See Our Value as Expert Researchers.

Weaknesses:

- n=1
- If one of the main objectives is to "facilitate future diagnoses", I do not see how this project will contribute towards that aim.
- It is uncertain how one year's worth of information of one individual is going to pro-
- Original proposal but incomplete. I accept importance of personal ethnography and vide the insight into the broader issues of progression in the adult population.
- encouraged. Survey generation? Suggest blog / social media component and closer comparison with existing descripgathering of meta cognitive data but need methods for disseminating information. tions of subcortical dementia. Feedback from other patients and closer networking

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The study is short term (1 year) in a patient who may not demonstrate significant neu-No molecular diagnosis is known on this person. What leukodystrophy does she have? PI is the patient, which may cloud the objective investigation of the disease. And how applicable is this study to other leukodystrophies? curred? If the PI does deteriorate quickly, she may be unable to complete the study. and how much has it changed over the past year? What changes in MRI have ocrologic decline during the study interval. What is her current functional impairment



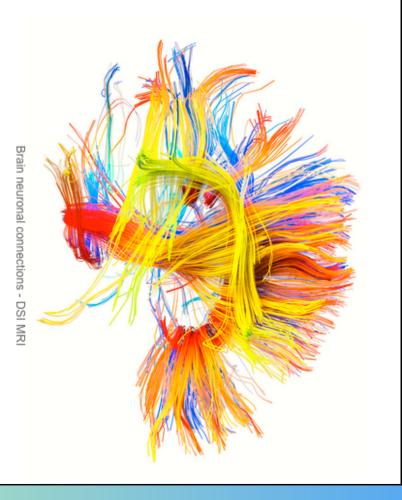


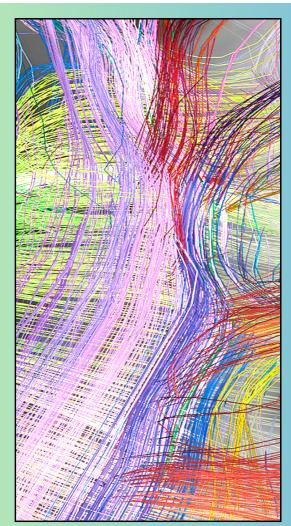




fibers, revealing a unique wiring diagram. by a magnetic field, map the water in neuron **DSI** – Diffusion Spectral Imaging (variant of MRI) Radio waves from H2O molecules, energized

DSI of human brain white matter, by Alfred Pasieka.





Knowledge.

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with me – all of me.







info@infodai.org

his is just the beginning