

APPROPRIATIONS REQUEST FORM

OREGON HOUSE DELEGATION

FISCAL YEAR 2010

DEADLINE FOR SUBMISSION: FEBRUARY 13, 2009

PLEASE NOTE: As required by the House Appropriations Committee, all requests will be made public on the requesting Member's website.

1. Project Title: The Multidisciplinary Institute for Neuropsychiatric Diagnosis (MIND)

2. Organization Name and address:

Oregon Health & Science University
3181 SW Sam Jackson Park Road
Portland, OR 97239

3. Primary Contact name, phone number, mobile phone number, fax number and email:

Lynne Davis Boyle
Director of Federal Relations
Government and Community Relations
3181 SW Sam Jackson Park Road, L101
Portland, OR 97239
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Email: boylel@ohsu.edu

4. Project Location Address (if different from Organization): Same

5. Please describe the requesting organization's main activities, and whether it is a public, private non-profit, or private for-profit entity:

Oregon Health & Science University is the state's only health and research university, and Oregon's only academic health center. OHSU is Portland's largest employer and the fourth largest in Oregon (excluding government), with 12,700 employees. OHSU's size contributes to its ability to provide many services and community support activities not found anywhere else in the state. It serves 210,000 patients annually, and is a conduit for learning for more than 3,400 students and trainees.

OHSU is the source of more than 200 community outreach programs that bring health and education services to every county in the state.

As a leader in research, OHSU earned \$299 million in research funding in fiscal year 2008. OHSU serves as a catalyst for the region's bioscience industry and is an incubator of discovery, averaging one new breakthrough or innovation every three days, with more than 4,000 research projects currently under way. OHSU research has resulted in 37 new spinoff companies since 2000, most of which are based in Oregon.

6. Briefly describe the activity or project for which funding is requested (please keep to 500 words or less.)

Although individuals with methamphetamine dependence have a high prevalence of mental illness, the direct and indirect effects of methamphetamine addiction among make it difficult to recognize co-occurring psychiatric disorders. Delayed or inaccurate psychiatric diagnosis is a source of prolonged suffering and major impediment in the treatment of methamphetamine dependence. As of now, no medical tests exist for diagnosing psychiatric disorders – currently, they are diagnosed using behavioral criteria that are not based in the biology behind the disorder (its etiology) and are of uncertain validity and utility. This crucial problem sets psychiatry apart from other medical disciplines and leads to uncertain diagnoses, ineffective treatments, and variable and sometimes tragic outcomes.

The Multidisciplinary Institute for Neuropsychiatric Diagnosis will develop biologically (medically) based criteria for diagnosing and classifying the psychiatric disorders that may underlie or result from methamphetamine abuse. The enhanced understanding gained through this effort will be used to design targeted treatments that will be evaluated with rigorous clinical trials.

Specifically, the project funds will be used for operation of a new institute, which will lead to the subsequent generation of funding from other competitive sources. Funds will be used to attract innovative junior and senior investigators working at the cutting edge of translational research to develop objective psychiatric diagnostic criteria. In addition, funds will defray the cost of laboratory and clinical operations and administrative costs. Advances in this work have the potential for huge social benefit and cost savings in treatment of the mentally ill and substance-dependent.

7. Has this project received federal appropriations funding in past fiscal years?

No.

7a. If yes, please provide fiscal year, Department, Account, and funding amount of any previous funding.

8. Federal agency and account from which funds are requested (Please be specific – e.g. Department of Housing and Urban Development, Economic Development Initiatives account): Department of Justice: Byrne Discretionary Grants

9. What is the purpose of the project? Why is it a valuable use of taxpayer funds? How will the project support efforts to improve the economy and create jobs in Oregon?

Research indicates that former users continue to suffer from methamphetamine-associated cognitive damage long after they stop actively using the drug. Many of the people who abuse methamphetamine have underlying or co-morbid mental health problems that contribute to relapse from treatment, and methamphetamine abuse itself can trigger psychiatric disorders.

The Multidisciplinary Institute for Neuropsychiatric Diagnosis' goal is to create definitive medical diagnostic tests for psychiatric disorders such as schizophrenia, depression, post-traumatic stress-disorder, attention deficit/hyperactivity disorder, or bipolar disorder (mania) and advance treatment for the addicted and mentally ill.

Such a goal is a valuable use of taxpayers funds because it could ultimately health-care and social-services dollars. Methamphetamine abuse and the mental disorders that may co-occur with it continue to extract a heavy toll on Oregon and the nation's health-care and social services sectors, including the criminal justice system. Regional data systems, law-enforcement agencies, and county hospitals indicate that meth is the most significant problem facing the populations they serve. In 2005, 39.2 percent of reporting state and local law-enforcement agencies cited meth as their greatest drug threat, exceeding the percentage reporting cocaine and crack to be the greatest threat (35.3 percent)

The RAND Drug Policy Report on methamphetamine, released last month, estimated economic costs of methamphetamine use in the United States at \$23.4 billion in 2005. Specifically, crime and criminal justice costs estimated to be \$4.2 billion, the 2nd largest cost category next to the intangible burden of addiction and premature death. The crime and criminal costs include the burden of arresting and incarcerating drug offenders, as well as the costs of additional non-drug crimes caused by methamphetamine use, such as thefts committed to support a drug habit. Investment in biomedical research has been shown to create good paying jobs and generate state business activity through the increased output of goods and services. The funding of this center will directly create 7 science related jobs. It does not taken into account the jobs that will indirectly be created as a result of the multiplier effect that OHSU has on job creation and the economy. According to the Association of American Medical Colleges, every dollar directly spent by OHSU generates indirectly an additional \$1.30 for a total economic impact of \$2.30.

Initial funding for this institute has a high probability of leading to further funding down the road from external sources, including federal research grants (NIDA, NIMH, NIH), foundation grants, and drug-development funding if potential pharmacotherapies are found. Currently there is no funding mechanism through NIH to identify biochemical etiologies for development into clinical psychiatric treatment using this type of multi-institutional collaborative project. However, once medical criteria are identified, NIH funding will be sought. In our current methamphetamine-research center, about 60% of total funding goes directly to salaries and benefits, varying from lower-wage research assistant positions to junior/senior scientist positions; another percentage beyond that supports administrative personnel at the university.

**10. Have you requested funding for this project from other Members of Congress?
If so, who?**

We are making this request of each member of the Oregon Congressional Delegation.

11. Funding Details:

a. Total project cost (all funding sources and all years):

\$4 million (over 3 years)

b. Amount being requested for this project in Fiscal Year 2010:

\$1.373 million

c. What other funding sources (local, regional, state) are contributing to this project or activity? (Please provide specific dollar amount or percentage.)

The Multidisciplinary Institute for Neuropsychiatric Diagnosis currently receives no support. However, it will operate at Oregon Health and Science University, a state-supported school, and the Portland VA Medical Center. Collaborative partners with the Institute, including the Department of Psychiatry, the Methamphetamine Abuse Research Center, the Oregon Clinical and Translational Research Institute, the Oregon Node of the National Institute on Drug Abuse's Clinical Trials Network, and the functional Magnetic Resonance Imaging facility in the Advanced Imaging Research Center receive public support through competitive granting mechanisms, as well as some local support.

d. Do you expect to request federal funding in future years for this project?

Yes.

e. Breakdown/budget of the amount you are requesting for this project in FY 2010. (e.g. salary \$40,000; computer \$3,000):

Estimated costs:

- 4 PhD scientists (Assistant/Associate professor level) x \$125,000/year salary plus benefits = \$475,000
- 3 MD scientists (Assistant/Associate professor level) x \$150,000/yr salary plus benefits = \$450,000
- Supplies and equipment = \$288,000
- Service contracts on equipment = \$20,000
- Clinical Coordinator/Administrator salary plus benefits = \$75,000/yr

e. Please list public or private organizations that have supported/endorsed this project:

Kristen G. Anderson, Ph.D. Principal Investigator, The Adolescent Health Research Program, 3203 SE Woodstock Blvd. Portland OR 97202, 503-517-7410

Ryan Melton, Clinical Coordinator, Early Assessment & Support Team, 1115 Liberty Street SE, Salem, Oregon 97302, 503-480-5122

Kerry Kelly, Superintendent, the Blue Mountain Recovery Center (state hospital in Eastern Oregon), 541 276-0810, ext 326

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g. Is this project scalable? (i.e. if partial funding is awarded, will the organization be able to use the funds in FY 2010?):

Yes.

Please return this form no later than February 13, 2009 (via email) to:

appropriations.blumenauer@mail.house.gov