

PROMOTION RECOMMENDATION  
UNIVERSITY OF MICHIGAN  
MEDICAL SCHOOL  
DEPARTMENT OF PSYCHIATRY

Approved by the Regents  
May 14, 2009

Kinh Luan Dinh Phan, M.D., assistant professor of psychiatry, Department of Psychiatry, Medical School, is recommended for promotion to associate professor of psychiatry, with tenure, Department of Psychiatry, Medical School.

Academic Degrees:

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|------|------|------------------------|
| M.D. | 1998 | University of Michigan |
| B.S. | 1995 | University of Michigan |

Professional Record:

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| 2007–present | Assistant Professor of Psychiatry, University of Michigan                                 |
| 2004–2007    | Assistant Professor of Psychiatry, University of Chicago                                  |
| 2003–2004    | Assistant Professor of Psychiatry and Behavioral<br>Neurosciences, Wayne State University |

Summary of Evaluation:

Teaching: Dr. Phan has re-designed curriculum, innovated teaching tools, and provided research mentorship to medical and graduate students, psychiatry residents, and research trainees (postdoctoral fellows). Prior to returning to Michigan, he received Most Outstanding Member of the Faculty Award (2006 and 2007) from the University of Chicago and the L.D.H. Wood Preclerkship Teaching Award from medical students at the University of Chicago Pritzker School of Medicine (2007). Since joining the Department of Psychiatry faculty in the fall of 2007, Dr. Phan has demonstrated exemplary performance as an educator. He was instrumental in developing an educational intervention to augment standard intern core didactics with problem-based and team-based learning. He teaches PGYI core didactics on Psychiatric Interviewing and Mental Status Examination. He regularly supervises and observes residents in patient interviews, oral presentation of the case history, case formulation, and treatment planning. He provides detailed oral and written performance feedback to residents. He supervises residents for the monthly VA Clinical Grand Rounds, Journal Club and Clinical Case Presentations. Comments from interns cite Dr. Phan's depth of knowledge, professionalism and skill as an educator and moderator. Dr. Phan is also active in the psychiatry residency research track seminars and mentoring psychiatry residents on a clinical and fMRI project on social anxiety disorder.

Dr. Phan is a mentor for an M4's psychiatry research elective on a project that was presented by the student at the Society of Biological Psychiatry meeting and has been submitted for publication. He supervises a postdoctoral clinical psychologist on behavioral-fMRI projects that has evolved into an NIH NRSA F32 (submitted February 2008) with Dr. Phan as primary mentor.

Dr. Phan has been accepted as an affiliate faculty member in the multidisciplinary Neuroscience Graduate Program, and currently mentors four Ph.D. Neuroscience students in the fall Neuroscience 700 Seminar.

Research: Dr. Phan's research program integrates basic and clinical science, aims to add new knowledge of and approaches to study human brain function, and then to translate these discoveries to the study of the pathophysiology and treatment of anxiety disorders. Dr. Phan's research has developed and validated probes of emotional and motivational responses in the brain using neuroimaging techniques, and has demonstrated that such probes can elucidate a mechanistic understanding of disease severity and treatment response in anxiety disorders, and other psychiatric disorders marked by affect dysregulation (e.g., aggression, substance abuse).

Dr. Phan has published 50 peer-reviewed papers, 30 of which he played a key authorship role (12 as first author; ten as second author; and eight as senior author), most in top-tier journals such as *PNAS*, *Journal of Neuroscience*, *Archives of General Psychiatry*, *Biological Psychiatry*, and *Neuropsychopharmacology*. Dr. Phan's 'top 10' cited papers (six as first author, three as second author, one as senior author) which report on the functional neuroanatomy of emotion, cognition-emotion interactions, individual differences, and/or cognitive regulation of emotion in healthy individuals and those with anxiety disorders have been cited over 1100 times since 2002, demonstrating their impact on subsequent papers/projects in regards to study design, analysis approach, and/or data interpretation.

Federal sources of funding have continuously supported Dr. Phan's research program, as principal investigator of an active NIH K23 project that aims to discover and test emotion-related brain and genetic markers of medication treatment effectiveness in social anxiety disorder, as principal investigator of an active NIH R03 project that aims to examine effects of drugs on emotional and motivational responses in the brain, as principal investigator of a to-be-funded VA Merit Award (priority score 15.5 ['Outstanding']; 10 percentile) project that aims to discover and test emotion-related brain markers of medication treatment effectiveness in posttraumatic stress disorder.

Dr. Phan has served as principal neuroimaging co-investigator (and now as consultant) on active NIH grants (an NIH Director's New Innovator Award and an R01 both originated at the University of Chicago) that probe the effects of genetics, environment, and their interactions on emotion-related brain markers of aggression. Dr. Phan has served as principal neuroimaging co-investigator on two recently completed NIH R01 projects on emotion-related brain markers of medication effectiveness in the treatment of aggression and of tobacco craving, respectively.

As an expert on affective and imaging neuroscience, Dr. Phan has been invited to be a consultant on several active and pending NIH projects. He has been asked to give scholarly lectures in his area of research at the national and international level. He serves as a review editor for the journal *Frontiers in Behavioural Neuroscience*, and as associate editor for the journals *Social Neuroscience* and *BMC Psychiatry*, and as a regular manuscript reviewer for a number of top-tier journals. In addition, Dr. Phan is an active standing member of the VA Merit Review Study Section, and he has been invited to serve as a grant reviewer for national (NIH, NSF, DoD) and international agencies (UK's Wellcome Trust, Canada's MHRC, Austrian Science Fund). In 2007, Dr. Phan earned membership into the American College of Neuropsychopharmacology, an honor bestowed to a highly select group of investigators.

### Recent and Significant Publications:

Phan KL, Angstadt M, Golden J, Onyewuenyi I, Popovska A, de Wit H: Cannabinoid modulation of amygdala reactivity to social signals of threat in humans. *Journal of Neuroscience* 28(10):2313-2319, 2008.

Coccaro EF, McCloskey M, Fitzgerald DA, Phan KL: Amygdala and orbitofrontal reactivity to social threat in individuals with impulsive aggression. *Biological Psychiatry* 62(2):168-78, 2007.

Banks S, Eddy K, Angstadt M, Nathan PJ, Phan KL: Amygdala-frontal connectivity during emotion regulation. *Social Cognitive Affective Neuroscience* 2: 303-312, 2007.

Phan KL, Fitzgerald DA, Nathan PJ, Tancer ME: Association between amygdala hyperactivity to harsh faces and severity of social anxiety symptoms in generalized social phobia. *Biological Psychiatry* 59:424-429, 2006.

Phan KL, Fitzgerald DA, Nathan PJ, Moore GJ, Uhde TW, Tancer ME: Neural substrates for voluntary suppression of negative affect: a functional magnetic resonance study. *Biological Psychiatry* 57(3):210-219, 2005.

Service: Dr. Phan serves as the chief of the Mental Health Clinic (VAAAHS), with administrative and supervisory responsibility over a clinical staff of over 20 psychiatrists, psychologists, and social workers who provide clinical service in the largest outpatient clinic of the Mental Health Service and in extended clinical programs (MedsHelp; Mental Health Intensive Case Management [MHICM]). Dr. Phan is an active member of several VAAAHS committees: the JCAHO Preparedness Team; Performance Monitors Work Group; and Mental Health ReDesign Committee. He has been instrumental in the development of new clinical programs including: 1) a rapid-access psychiatric urgent care clinic; 2) a consultation/referral program that integrates mental health and primary sectors of care; 3) evidence-based cognitive-behavioral therapy group services to veterans with mental illness.

### External Review:

Reviewer A: “Dr. Phan has injected himself into a prominent position in the fMRI world with several influential studies, and is already considered a leader in the field...His methodology is cutting-edge and his studies are well analyzed, focused and incremental....Your Department is fortunate to have recruited him and help nurture the career of a star.”

Reviewer B: “Dr. Phan has been extraordinarily productive in publications and in obtaining grants, and has distinguished himself on the national level in terms of grants, grant reviews, journal reviews, journal editing and membership in prestigious national organizations.”

Reviewer C: “He is a highly-regarded, internationally-known expert in the application of neuroimaging techniques to the study of neural circuitry of emotion and the study of dysfunction in this neural circuitry in anxiety disorders....Dr. Phan’s impressive CV includes several papers

of high importance....In my opinion, the above credentials place Dr. Phan already among the top 5% of all researchers in the field of clinical affective neuroscience.”

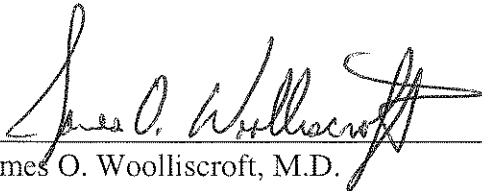
Reviewer D: “...I would say that Dr. Phan’s research current [sic] ranks among the best that is produced by any clinical-oriented investigator currently at either the Assistant or Associate Professor levels. His work is notably [sic] for its rigor, creativity, and breadth....Dr. Phan has shown himself to be a truly extraordinary scholar, physician, and teacher....In closing, it is quite clear to me that Dr. Phan stands in the top 1% of clinically-focused investigators at his level I have ever encountered working in the field of anxiety.”

Reviewer E: “Dr. Phan is viewed as a leader in applying new concepts in cognitive neuroscience to clinical psychiatry....Given his accomplishments in a short period of time in a challenging and very important area of clinical neuroimaging, it appears that Dr. Phan has great potential for leadership in this field.”

Reviewer F: “He is extremely productive and his publication record, as well as his growing research funding basis, is very impressive for his stage of career development....I would rank him in the top 1% of all individuals that I have ever met at similar stages of career development.”

Summary of Recommendation:

Dr. Phan has excelled in clinical, scientific, and professional accomplishments in research and teaching. He is a highly productive clinical scientist who, I am confident, will continue on his current ascending trajectory. I am pleased to recommend him for promotion to associate professor, with tenure, in the Department of Psychiatry.



James O. Woolliscroft, M.D.  
Dean  
*Lyle C. Roll Professor of Medicine*

May 2009