

PROMOTION RECOMMENDATION
UNIVERSITY OF MICHIGAN
MEDICAL SCHOOL
DEPARTMENT OF PSYCHIATRY

Patricia J. Deldin, Ph.D., associate professor of psychiatry, without tenure, Department of Psychiatry, Medical School, is recommended for promotion to professor of psychiatry, without tenure, Department of Psychiatry, Medical School [also professor of psychology, with tenure, College of Literature, Science, and the Arts].

Academic Degrees:

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| Ph.D. | 1996 | University of Illinois, Urbana-Champaign |
| B.A. | 1985 | University of Iowa |

Professional Record:

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| 2010-present | Professor of Psychology, University of Michigan |
| 2006-present | Associate Professor of Psychiatry, University of Michigan |
| 2003-2010 | Associate Professor of Psychology, University of Michigan |
| 2000-2003 | Associate Professor of Psychology, Harvard University |
| 1996-2000 | Assistant Professor of Psychology, Harvard University |

Summary of Evaluation:

Teaching: Dr. Deldin is a highly regarded educator who has consistently received high ratings from both undergraduate and graduate students for her excellence in the classroom and in the laboratory. She provides challenging materials, but also provides the motivation and tools for students to achieve what she expects. She has been very generous with her time and has co-authored publications with both groups of students. She has served as practicum supervisor for graduate clinical psychology students who are learning diagnostic interview practices with psychiatric inpatients using structured interviews, projective tests, and objective tests. Practica students require many hours of supervision for each graduate student as they develop the skills to administer the assessments. Students feel she has prepared them well for this challenging work. Dr. Deldin has mentored and supported a junior faculty member in the Department of Psychiatry on a grant (Kamali) and mentored a postdoctoral fellow (Klumpp).

Research: Dr. Deldin's research attempts to delineate the underlying neural nature of depression and other forms of psychopathology using a variety of tools and technologies. She was ahead of her time in pulling neuroscience and more advanced cognitive approaches into the study of depression. Consequently, her work is changing how we understand the cognitive processes of individuals with major depressive disorder and schizophrenia. She publishes in top journals in the field with high impact factors and her papers have a higher than average citation rate. Nearly all of her publications since coming to Michigan are co-authored with graduate students. She has also been very successful in securing external research funding.

Dr. Deldin directs one of a handful of labs in the country that has overcome the substantial technological challenge of successfully collecting simultaneously recorded fMRI and EEG data. Her interdisciplinary and collaborative research program brings together a remarkable group of scientists to engage in innovative, translational research projects. She collaborates with John Jonides (neuroscientist) and Ethan Kross (junior faculty, social psychologist) on a series of over ten studies examining inhibitory processes in major depression. She examines the efficacy of low-dose Ketamine on treatment resistant depressives and in healthy controls in collaboration with Ed Domino (Psychopharmacology), George Mashour (Anesthesia), Scott Peltier (fMRI center), Melvin McInnis, and John Greden (Psychiatry). She examines cardiovascular changes associated with major depression with Bertram Pitt (cardiologist), Todd Arnedt (Psychiatry--Sleep and Chronophysiology), Lou D'Alecy (Physiology), Srijan Sen (Psychiatry), and others. She is mentoring junior faculty member Massoud Kamali and collaborating with Melvin McInnis (Psychiatry and Depression Center) and others on a series of projects examining response inhibition deficits in bipolar disorder. At Michigan and Harvard, with Steve Taylor (Psychiatry) and Theo Manshreck respectively, she is completing a series of seven event-related brain potential studies examining response inhibition and social and emotional processing dysfunction in schizophrenia and schizoaffective disorder. Dr. Deldin is involved with 12 major projects, with well over 50 individual studies examining mood and cognitive dysfunction in mood and psychotic disorders. She is currently funded on an R01 as co-investigator and is principal investigator on a novel NIMH RC4 focused on studying and improving research subject recruitment from mental illness advocacy groups. She is doing this work with Department of Psychiatry and Depression Center faculty members. She is PI with Peltier and Domino on a MICH-R award and received a MICH-R pilot grant. In addition, she is the mentor for a junior faculty member with funding from the American Foundation for Suicide Prevention Investigator Award. She is co-investigator on a McKay Award from the University of Michigan Cardiovascular Center.

Recent and Significant Publications:

Shestyuk AY, Deldin PJ: Automatic and strategic representation of the self in major depression: trait and state abnormalities. *Am J Psychiatry* 167:536-544, 2010.

Casement M, Shestyuk A, Best J, Casas B, Glezer A, Segundo M, Deldin P: Brain and behavioral indicators of expectancy for affective events in dysthymia, *Biological Psychiatry* 77: 197-204, 2008.

Chiu PH, Deldin PJ: Neural evidence for enhanced error detection in major depressive disorder. *Am J Psychiatry* 164:608-616, 2007.

Deldin P, Phillips L, Thomas R. A preliminary study of sleep-disordered breathing in major depressive disorder. *Sleep Medicine* 7:131-139, 2006.

Shestyuk AY, Deldin PJ, Brand JE, Deveney CM: Reduced sustained brain activity during processing of positive emotional stimuli in major depression. *Biol Psychiatry* 57:1089-1096, 2005.

Service: Dr. Deldin has played a significant role in the Departments of Psychology and Psychiatry, particularly in moving the clinical area towards a new mission in training students in a clinical science program. She has devoted considerable time to the review of nearly 300 graduate student applications per year in the clinical program. In addition, she is associate director of the Depression Center and has played a key role in developing research relationships between the Center, the Department of Psychology, and the rest of the campus. This has also allowed her to develop new teaching relationships for the clinical graduate students. She is highly regarded nationally, as seen in her invitations to serve on important discipline committees, National Institutes of Health grant review panels, and playing a significant role at several high-profile journals. She serves on the Governing Board of the National Networks of Depression Centers and the Board of Directors of the Society for Research in Psychopathology.

External Review:

Reviewer A: "...Dr. Deldin is a first-rate scientist who is highly deserving of promotion to Full Professor...Her work compares favorably with other scholars doing similar work...She is evidently a strong and generous mentor, as evidenced by the large number of students who are first authors (or co-authors) on a significant number of her publications."

Reviewer B: "Clinical populations always are difficult and costly research subjects, but ERP [event-related potential] research additionally requires extensive training of students...an impressive aspect of her research is her versatility and ingenuity in using different components of the ERP to get at different processes and in using different stimuli to test the hypotheses in different ways....A perusal of Dr. Deldin's CV shows that she has been highly productive."

Reviewer C: "The long-term goals of the research program are to decrease the incidence of major psychopathology such as major depressive disorder and to develop more effective therapies for those who are ill...the problems that Dr. Deldin is addressing are extremely important, and I believe that you are lucky to have someone with her background in your department."

Reviewer D: "Dr. Deldin is an exemplary scholar whose ground-breaking work has led to important insights in the field of mental health...her findings have been very important in leading us to a better understanding of the way depression affects cognition, and are therefore clinically important....a review of Dr. Deldin's publications and service reveals a wide range of interest and influence in the field, and her leadership is evidenced by her role in high-visibility positions (e.g., Associate Director of the University of Michigan Depression Center)."

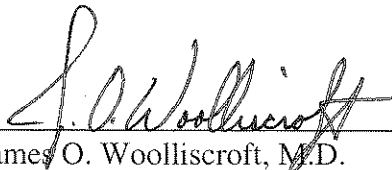
Reviewer E: "Dr. Deldin's research has enriched our understanding of neuro-cognitive processes associated with depression. In some ways, I think it has been a little ahead of its time....Dr. Deldin was performing and publishing these experiments before they were in fashion in the study of depressive cognition...Her work is creative, programmatic, well conceived, and well executed."

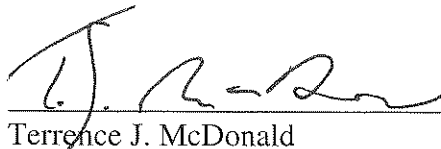
Reviewer F: "I am especially impressed that she...extends herself by teaching courses in broader subject matters like theories of clinical psychology and theories of adult psychotherapy....Another aspect of her teaching that is especially salient even to a casual observer is the large number of graduate and undergraduate students with whom she collaborates in research....Dr. Deldin has an illustrious record of scholarship and national service that fully warrant her being promoted to full Professor."

Reviewer G: "...Dr. Deldin's research program is extraordinarily integrative, both methodologically and theoretically. It has been a driving force in the reformulation of cognitive theories of depression....it is quite astounding how she can accomplish so much, working with populations that can be difficult to recruit and test....She has also clearly drawn many students into her work and has collaborated with a range of faculty at Michigan and other institutions."

Summary of Recommendation:

Dr. Deldin has demonstrated excellence in research and teaching. Her service contributions to the Department of Psychiatry, the Department of Psychology, and the Depression Center have been exemplary. I am pleased to recommend Dr. Deldin for promotion to professor of psychiatry, without tenure, Department of Psychiatry, Medical School.


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


Terrence J. McDonald
Arthur F. Thurnau Professor,
Professor of History and Dean
College of Literature, Science, and the Arts

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