

PROMOTION RECOMMENDATION
THE UNIVERSITY OF MICHIGAN
MEDICAL SCHOOL
DEPARTMENT OF PSYCHIATRY

Neera Ghaziuddin, M.B.B.S., associate professor of psychiatry, with tenure, Department of Psychiatry, Medical School, is recommended for promotion to professor of psychiatry, with tenure, Department of Psychiatry, Medical School.

Academic Degrees

M.B.B.S.	1974	Maulana Azad Medical College, New Delhi, India
B.S.	1970	Dayal Singh College, New Delhi, India

Professional Record

2001 – present	Associate Professor of Psychiatry, University of Michigan
1994 – 2001	Assistant Professor of Psychiatry, University of Michigan
1991 – 1994	Lecturer of Psychiatry, University of Michigan

Summary of Evaluation:

Teaching: Dr. Ghaziuddin teaches and supervises general psychiatry residents, child and adolescent psychiatry fellows and medical students across a range of settings including ambulatory, inpatient, psychiatric emergency services, electroconvulsive therapy (ECT) clinic and in a community psychiatric clinic. She teaches post-graduate trainees in clinical social work and psychology. Dr. Ghaziuddin's educational activities involve didactic core lectures and on-site training which focus on her expertise in refractory depression, suicidal behavior in young people, and disorders like catatonia in individuals with autism. Her work at the Corner Health Center allows her to teach the importance of addressing social factors in the treatment of mental illness. She consistently receives laudatory feedback from her students and mentees. In 2015, Dr. Ghaziuddin was awarded the Teacher of the Year Award by the Child and Adolescent Psychiatry fellows. From 2005-2009, Dr. Ghaziuddin served on the Resident Education Committee.

Research: Dr. Ghaziuddin's main focus of independent study are two under-researched areas in child and adolescent psychiatry: the use of electroconvulsive therapy for the treatment of severe psychiatric disorders and the study of catatonia as a cause of regression in young people with developmental disorders. As lead author of a task force, Dr. Ghaziuddin authored the American Academy of Child and Adolescent Psychiatry Practice Guidelines for the administration of ECT. These guidelines formed the basis of clinical practice and continue to serve as a blue print for its use, both nationally and internationally. Dr. Ghaziuddin co-edited the first book on ECT in children and adolescents in 2013, The Use of Electroconvulsive Therapy in Children and Adolescents. Using the Patient-Centered Outcomes Research Institute (PCORI) funding mechanism, in collaboration with colleagues at the University of Utah and the Mayo Clinic, she submitted a multicenter grant proposal to study the use of ECT in adolescents, and if funded, would be the largest ever studied sample to identify the benefits and side-effects of ECT in this age group. Dr. Ghaziuddin's research interest in catatonia has resulted in several important findings. Her

group was the first to identify catatonia as a likely cause of regression in individuals with Down's Syndrome and other intellectual disability syndromes. The publications have contributed to the inclusion of catatonia as an independent diagnosis in the Diagnostic and Statistical Manual of Mental Disorders, 5th edition, replacing its earlier classification in DSM-IV as a subtype of schizophrenia. Dr. Ghaziuddin's independent research has contributed to the re-introduction of ECT as a safe and an effective treatment of severe psychiatric disorders in adolescents, led to the improved care of patients with catatonia, and lessened the burden of care of the families. Dr. Ghaziuddin is a member and principal investigator of a multi-site Prechter Bipolar and High-Risk Research group where she has collaborated with investigators on the design and execution of an important longitudinal study examining the emergence of psychopathology in adolescents and young adults who have a first degree relative with bipolar disorder. She obtained funding from the University of Michigan Institute Clinical and Health Research Program to examine circadian rhythm disturbance in offspring at risk for developing bipolar disorder. In addition, she has served as a co-investigator in collaborations with the Youth Depression and Suicide Prevention Program. Dr. Ghaziuddin has also collaborated with the Autism Spectrum Disorder clinic studying comorbid psychiatric and medical conditions associated with autism. Nationally, she has collaborated with Professor Max Fink, publishing one of the first medical algorithms for the treatment of catatonia and she has collaborated with Professor Judith Miles, publishing one of the first studies on catatonia as a cause of regression in Down's Syndrome. Dr. Ghaziuddin has published 72 peer-reviewed articles and one book. In 2002, Dr. Ghaziuddin received the ECT Investigator Award.

Recent and Significant Publications:

De Meulenaere M, De Meulenaere J, Ghaziuddin N, Sienaert P: Experience, Knowledge and attitudes of child and adolescent psychiatrists in Belgium towards pediatric ECT. *J ECT*. 34(4):247-252, Dec., 2018.

Mitchell S, Hassan E, Ghaziuddin N (2018). A follow-up study of electroconvulsive therapy in children and adolescents. *Journal of ECT* 34(2):40-44, March 2018.

Ghaziuddin N, Hendriks M, Patel P, Wachtel LE, Dhossche DM. (2017): Neuroleptic Malignant Syndrome/ Malignant catatonia in child psychiatry: Literature review and a case series. *J Child Adolesc Psychopharmacol* 27(4):359-365, 2017.

Ghaziuddin N, Nassiri A, Miles JH (2015): Catatonia in Down Syndrome: a treatable cause of regression. *Neuropsychiatry Disease and Treatment*. Apr 2(11):941-949, 2015.

Ghaziuddin N, Dhossche D, Marcotte K: Retrospective chart review of catatonia in child and adolescent psychiatric patients. *Acta Psychiatr Scand* 16(1):33-38, 2012.

Service: Dr. Ghaziuddin serves as an attending psychiatrist on the child and adolescent psychiatry inpatient unit and in the ambulatory setting. Her clinical work and teaching occurs in several settings, including the Corner Health Center in Ypsilanti. She is the director of the Treatment Resistant Disorders Clinic in the Department of Psychiatry. Dr. Ghaziuddin has been instrumental helping to establish one of the few national centers of ECT in children and adolescents at Michigan Medicine. She is a current ad hoc reviewer for several journals including the *Journal of*

ECT, Journal of Child and Adolescent Psychopharmacology, and the Journal of Neuropsychiatry. Dr. Ghaziuddin holds current membership in professional societies including the Royal College of Psychiatry; American Academy of Child and Adolescent Psychiatry; Biological Psychiatry and the Michigan Council of Child and Adolescent Psychiatry where she was also the president from 2014-2015. In 2017, as a member of the ECT team, received the Hope Award to The Electroconvulsive Therapy Team from the Patient and Family Advisory Council at Michigan Medicine. Since 2012, Dr. Ghaziuddin has served on the Ethics Committee of the American Academy of Child and Adolescent Psychiatry. In addition, she is an executive council member of the Michigan Council of Child and Adolescent Psychiatry. She is also a member of the Institutional Review Board at the University of Michigan.

External Reviewers:

Reviewer A: “Dr. Ghaziuddin is internationally well known and regarded for her seminal work in ECT for children and adolescents, catatonia in childhood disorders and mood disorders in youth...Her publications have been consistent and noteworthy...In these two areas in particular, Dr. Ghaziuddin has made significant and unique contributions to the field...Some of her most significant accomplishments have occurred recently...Her accomplishments stand up well to others at the full professor rank nationally in our field.”

Reviewer B: “Dr. Ghaziuddin has made tremendous contributions to the field of treatment of mood and psychotic disorders in children and adolescents...Her clinical and scholarly work in ECT has been sustained, focused, and highly impactful for the field...Importantly, she first-authored the first-ever the American Academy of Child and Adolescent Psychiatry guidelines on the use of ECT in children and adolescents. This was a landmark achievement, attesting to her stature in the field, and with profound beneficial effects on the quality of psychiatric care for youth in the United States.”

Reviewer C: “In recent years, she has been particularly influential in moving pediatric catatonia into a more prominent position in our field...Dr. Ghaziuddin has had a critical impact on our field with respect to her research on treatment refractory mood disorders and the use of ECT in the child and adolescent population...It is noteworthy, for someone in the Instructional Track, that Dr. Ghaziuddin [sic] has received awards for her teaching, and has helped at least half of [sic] dozen trainees with publications...In this important but most challenging area...Dr. Ghaziuddin [sic] is recognized at the center.”


Reviewer D: “Dr. Ghaziuddin has received a number of internal and foundation grants and served as a co-investigator on several NIH grants...In my view, her work on ECT in children and adolescents is the most important...This is a complex area involving an ethically complex treatment that is likely underutilized for many reasons. This is bold and important work...She will continue to be [a] steady contributor to the field as a teacher and clinician as well as a scholar.”

Reviewer E: “From her impressive CV it is clear that this is a person who is constantly in the process of learning and aspires to achieve goals that are just that much harder...She is a well-regarded teacher...Until Dr. Ghaziuddin’s original work in studying this treatment and her major contribution in developing guidelines for ECT in the pediatric population, the decision to use this highly beneficial treatment was relegated to political dogma and personal preference of

clinicians...Her developing work on this subject has made a seminal contribution to an area... Her work in developing the practice parameters for ECT in children under the aegis of AACAP has been a major contribution to the field.”

Summary of Recommendation:

Dr. Ghaziuddin has made significant contributions to the field of child and adolescent psychiatry, in particular, the treatment of severe childhood conditions. She is one of a small group of academic child psychiatrists and an even smaller alliance leading the work on the use of electroconvulsive therapy in treatment of youth with severe mental illnesses. She is an accomplished researcher who has made important contributions to the understanding and treatment of severe psychopathological conditions in young people. I am pleased, therefore, to recommend Neera Ghaziuddin, M.B.B.S. for promotion to professor of psychiatry, with tenure, Department of Psychiatry, Medical School.



Marschall S. Runge, M.D., Ph.D.
Executive Vice President for Medical Affairs
Dean, Medical School

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