

Agendum
Oakland University
Board of Trustees Formal Session
February 6, 2023

**APPOINTMENT OF RAVINDRA KHATTREE TO THE RANK
OF DISTINGUISHED PROFESSOR**

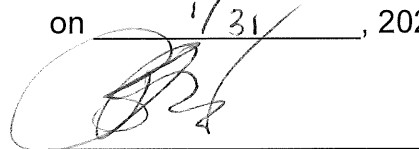
A Recommendation

1. **Division and Department:** Office of the Executive Vice President for Academic Affairs and Provost.
2. **Introduction:** In 1988 the Board of Trustees (Board) created the faculty rank of Distinguished Professor. Upon recommendation of the President and Provost, the Board may appoint individuals to the rank of Distinguished Professor for the duration of the individual's active service at Oakland University. Appointments to distinguished professorships are based on the candidate's efforts and accomplishments in the areas of teaching, intellectual contributions and service, giving consideration to the programmatic and institutional setting of the candidate's work at Oakland and the nature of the candidate's assignments and responsibilities, the quality of the candidate's accomplishments and the relation of all the foregoing factors to the objectives of the area or departments, the goals of the college or school, and the mission and long-range vision of the University.
3. **Previous Board Action:** The Board has periodically appointed individuals to the rank of Distinguished Professor at Formal Sessions of the Board.
4. **Budget Implications:** A one-time salary stipend of \$2,500 plus an annual supplies and services allocation of \$1,500, up to five years, for the Distinguished Professor will be paid from the Provost's Discretionary Fund.
5. **Educational Implications:** Recognition of a distinguished faculty member's long-standing dedication to the mission of the institution reinforces a culture that is devoted to excellence in teaching, research, creative endeavor, and service.
6. **Personnel Implications:** None.
7. **University Reviews/Approvals:** A selection committee of his peers recommended Ravindra Khattree of the College of Arts and Sciences for approval to Dr. Britt Rios-Ellis, Executive Vice President for Academic Affairs and Provost, for the appointment of Distinguished Professor.
8. **Recommendation:** RESOLVED, that the Board of Trustees approves the appointment of Ravindra Khattree, Professor of Statistics, to the rank of Distinguished Professor, effective August 15, 2023.

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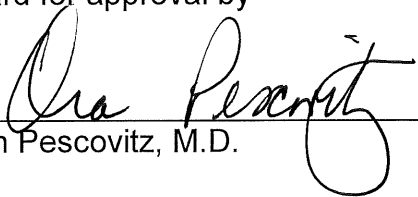
9. **Attachment:** A. Biography of Ravindra Khattree.

Submitted to the President
on 1/31, 2023 by



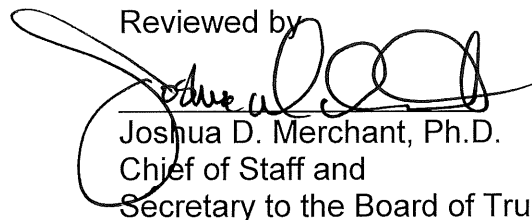
Britt Rios-Ellis, M.S., Ph.D.
Executive Vice President for
Academic Affairs and Provost

Recommended on 2/1, 2023
to the Board for approval by



Ora Hirsch Pescovitz, M.D.
President

Reviewed by



Joshua D. Merchant, Ph.D.
Chief of Staff and
Secretary to the Board of Trustees

Biography

Ravindra Khattree, Ph.D.

Oakland University

Professor of Statistics

College of Arts and Sciences

Department of Mathematics and Statistics

551 MSC; (248) 370-3448

Professor Khattree is an internationally recognized statistician. His academic credentials include more than 100 journal publications, two books, two edited volumes, and guest editorship of two journal volumes on a wide variety of statistical topics. Professor Khattree's significant contributions have resulted in theorems, estimators, and plots that bear his name: *Fountain-Khattree-Peddada Theorem*, *Khattree's nonnegative estimators of variance components*, *Khattree-Bahuguna's Univariate Multivariate Skewness* and *Khattree-Bahuguna Multivariate Skewness*, and the *Khattree-Naik Plots/Khattree-Naik Curves*. Professor Khattree has also influenced the discipline in very practical ways. His two books on the statistical software SAS played a significant role in bringing SAS to the academic research community. Moreover, major companies such as Ford, GM, and BF Goodrich have sought his expertise as a consultant.

In 2002, the American Statistical Association honored Professor Khattree with the rank of Fellow “*for important contributions to the development of statistical methods; for promoting statistics by writing for diverse audiences; for editorial work; and for innovative contributions to statistical education.*” It is noteworthy that this honor is given to less than one-third of one percent of all members of the association each year. In 2003, the International Indian Statistical Association awarded him the Young Statistician Award for “*his outstanding contributions to the discipline of statistics in its various aspects.*” He is also an Elected Member of the International Statistical Institute based in the Netherlands. These are extraordinary recognitions from highly

prestigious statistical associations. In addition, he served as Senior Statistician for the US National Academy of Science's Atomic Bomb Casualty Commission in Hiroshima. Professor Jerome Keating of the University of Texas, San Antonio notes that this "very important accomplishment, for which he received national accolades both in the US and Japan, provides Dr. Khattree with an international status to which few statisticians could favorably compare. The work has statistical elegance, medical findings and addresses ethical issues that comment on the state of the world today as it totters on the brink of another nuclear tragedy. The project also reflects his ability to work with other statisticians, scientists, and decision makers in an international committee." In 2022, Professor Khattree visited the Central University of Rajasthan in India as a Fulbright Expert.

Professor Khattee's service contributions are also noteworthy. He served as the guest editor of the *Journal of Statistics and Applications* for a decade, and was the editor or associate editor of five other journals. He has supervised eight Ph.D. students, organized conferences, given more than 90 invited presentations, and served on review panels for the NSF. He is also the co-director of OU's Center for Data Science and Big Data Analytics.

Professor David Banks of Duke University sums up Professor Khattee's contributions nicely: "Either he does not sleep, or he is secretly a team of triplets. I also admire the fact that he has developed statistical packages, has four theorems/methods/measures named for him, and has given 91 invited talks or colloquia. This is a phenomenal record!" Oakland University acknowledges Professor Khattree's exemplary record of contribution to the discipline of statistics through scholarly work, presentations at conferences, service on editorial boards of prestigious journals, and mentorship of students by bestowing him with the title of Distinguished Professor.