

IX. FACULTY

DEPARTMENT OF STATISTICS AND PROBABILITY 2010-2011

Professors:

Hira Lal Koul, Chair
Univ. of California, Berkeley, 1967

Non- and Semiparametric Statistics,
Survival Analysis, Time Series Analysis

Dennis Gilliland
Michigan State University, 1966

Compound and Empirical Bayes,
Repeated Games, Applications

Raoul LePage (sabbatical leave)
University of Minnesota, 1967

Stable Processes, Resampling Theory
Mathematical Finance, Inverse Problems

Shlomo Levental
University of Wisconsin, 1986

Stochastic Models in Finance

V. Mandrekar
Michigan State University, 1965

Stochastic PDEs, Stationary & Markov Fields,
Stochastic Stability, Signal Analysis

Tapabrata Maiti
University of Kalyani, 1996

Small Area Estimations, Inference with
Missing Values, Bayesian Methods Biostatistics

Mark M. Meerschaert
University of Michigan, 1984

Stochastic Processes, Time Series, Heavy Tails

Connie Page
University of Michigan, 1972

Sequential Allocation, Adaptive Designs for
Clinical Trials, Statistical Consulting

R.V. Ramamoorthi (leave)
Indian Statistical Institute, 1981

Foundations, Bayesian Inference, Graphical Models

Habib Salehi (consultantship)
Indiana University, 1965

Prediction Theory, Time Series Analysis
Stochastic Analysis

Anatoli Skorokhod (consultantship)
Institute of Mathematics, Kiev, 1962

Limit Theorems for Stochastic Processes

Yimin Xiao
Ohio State University, 1996

Stochastic Processes, Random Fields, Fractals

Lijian Yang (leave Spring 2011)
University of North Carolina,
Chapel Hill, 1995

Curve Estimation, Model Selection,
Non- and semi- Parametric Methods
in Econometrics, Time Series

Yijun Zuo
University of Texas at Dallas, 1998

Data Depth and Applications, Multivariate
Data Analysis, Robust Statistics, Nonparametric
Methods

Associate Professors:

Yuehua Cui
University of Florida, 2005

Statistical genetics, bioinformatics, cancer
epidemiology, longitudinal data analysis

Sarat Dass
Purdue University, 1998
Foundation of Statistics

Bayesian Computational Methods, Image
Reconstruction and Pattern Recognition,

James Dudziak
Indiana University, 1981

Actuarial Science and Function Theory

Marianne Huebner, (leave, Fall 2010)
Univ. of Southern California, 1993

Stochastical Genetics, Microarray Analysis,
Mathematical Ecology, Complex Traits, Biological
Networks

Vincent Melfi
University of Michigan, 1991

Markov Chains, Renewal Theory, Sequential
Allocations

Lyudmilla Sakhanenko
Empirical Processes, High Dimensional Probability
University of New Mexico, 2002

Aklilu Zeleke
Temple University, 1997

Probability, Stochastic Processes

Assistant Professor:

Daniel Dougherty
North Carolina State Univ, 2002

Mathematical Biosciences

Jennifer Kaplan
University of Texas/Austin, 2006

Math and Statistics Education, Quantitative Literacy

Chae Young Lim
University of Chicago, 2007

Spatial statistics, Environmental Statistics, Spectral
Analysis

Parthanil Roy
Cornell University, 2007

Heavy Tails, Long Range Dependence, Extreme
Value Theory

Alla Sikorskii
Michigan State University, 2000

Biostatistics, Item Response Theory

Lifeng Wang
University of Minnesota, 2006

High-dimensional Data Analysis, Machine Learning
Bioinformatics.

Retired Faculty Members:

Roy V. Erickson, Emeritus
University of Michigan, 1968

Limit Theorems

Dorian Feldman, Emeritus
University of California, Berkeley, 1961

Decision Theoretic Orderings of Experiments

James Stapleton
Purdue University, 1957

Linear and Log-Linear Models

Habib Salehi
Indiana University, 1965.

Prediction Theory, Time Series Analysis

Visiting Faculty for 2010-2011:

Dikong, Elijah
Florida Institute of Technology, 1998

Queuing and Stochastic Processes, Graph and
Random Graph Theory

Robert Lovell
Western Michigan University, 1996

Mimoto, Nao
University of Western Onatario, 2008

Pramod K. Pathak
Indian Statistical Institute, 1963

Sampling Theory and Mathematical Statistic

Ashoke Sinha
Erasmus Univ., Netherlands, 1997