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**Date Submitted:** 2016-06-30 13:59:22

**Confirmation Number:** 535059

**Template:** NSERC\_Researcher

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## **Dr. Yogendra P. Chaubey**

Correspondence language: English

Sex: Male

Designated Group: Visible Minority

## **Contact Information**

The primary information is denoted by (\*)

### **Address**

Primary Affiliation (\*)

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Work (\*) 1-514-848-2424 extension: 3258

### **Email**

Work (\*) [yogen.chaubey@concordia.ca](mailto:yogen.chaubey@concordia.ca)



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## Dr. Yogendra Chaubey

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### Language Skills

Language	Read	Write	Speak	Understand	Peer Review
English	Yes	Yes	Yes	Yes	Yes
French	Yes	No	No	Yes	No
Hindi	Yes	Yes	Yes	Yes	Yes

### Degrees

- 1977/6                      Doctorate, Statistics, University of Rochester  
Supervisors: P.S.R.S. Rao, 1972/7 - 1977/6
- 1974/6                      Certificate, Statistics, University of Rochester
- 1972/6                      Certificate, Statistics, Indian Statistical Institute
- 1970/6                      Bachelor's, Physics, Mathematics and Statistics, Banaras Hindu University

### Recognitions

- 2014/8 - 2015/2            Visiting Scholar  
Indian Statistical Institute  
Honor  
Deliver talks on my research and consult with research scholars and students
- 2014/6                      P. Stat.  
Statistical Society of Canada  
Distinction  
Awarded for Professional Statistics Qualifications by the Accreditation Committee

### User Profile

Research Specialization Keywords: Linear Models, Resampling, Sampling, Statistical Theory, Survival Analysis

### Employment

- 1990/6                      Professor  
Mathematics and Statistics, Arts and Science, Concordia University  
Full-time, Professor  
Tenure Status: Tenure  
Teaching and Research

2016/6 - 2018/5	Graduate Programme Director Mathematics and Statistics, Arts and Science, Concordia University Full-time, Term, Professor Tenure Status: Tenure Coordination of Graduate Programme with the School of Graduate Studies
2005/6 - 2014/5	Chair Mathematics and Statistics, Arts and Science, Concordia University Full-time, Term, Professor Tenure Status: Tenure Administration and Leadership
1981/6 - 1990/5	Associate Professor Mathematics and Statistics, Arts and Science, Concordia University Full-time, Associate Professor Tenure Status: Tenure Teaching and Research
1985/6 - 1986/5	Visiting Scientist Theoretical Statistics, Kolkata Campus, Indian Statistical Institute Full-time, Visiting Professorship Tenure Status: Non Tenure Track Teaching and Research
1982/6 - 1982/6	Visiting Assistant Professor Statistics, University of Rochester Part-time, Visiting Professorship, Assistant Professor Tenure Status: Non Tenure Track Research
1979/6 - 1981/5	Assistant Professor Mathematics and Statistics, Concordia University Full-time, Assistant Professor Tenure Status: Tenure Track
1977/9 - 1979/4	Assistant Professor Math., Stats. and Computing Science, Science, Dalhousie University Full-time, Assistant Professor Tenure Status: Tenure Track Teaching, Research and Academic Administration
1976/9 - 1977/4	Post Doctoral Fellow and Instructor Mathematics, Statistics and Computer Science, Carleton University Full-time Tenure Status: Non Tenure Track Teaching and Research

## Research Funding History

### Awarded [n=1]

2011/4 - 2016/5	Asymmetric kernel and positive wavelet smoothing for size-biased data, Grant Principal Investigator
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**Funding Sources:**

2011/4 - 2016/5      Natural Sciences and Engineering Research Council of Canada  
(NSERC)  
Discovery Grant  
Total Funding - 65,000  
Portion of Funding Received - 65,000  
Funding Competitive?: Yes

Principal Investigator : Yopgendra P. Chaubey

**Completed [n=4]**

2011/6 - 2012/5      Nonparametric functional smoothing techniques, Grant

Principal Investigator

**Funding Sources:**

2008/6 - 2011/5      Concordia University  
Reserach Support for Academic Heads  
Total Funding - 52,500  
Portion of Funding Received - 52,500  
Funding Competitive?: No

Principal Investigator : Yopgendra P. Chaubey

2010/12 - 2011/8      Predicting Service Churn and Sales in Marketing, Grant

Co-investigator

**Funding Sources:**

2010/12 - 2011/8      Mathematics of Information Technology and Complex Systems  
(MITACS)  
Accelerate  
Total Funding - 13,334  
Portion of Funding Received - 6,667  
Funding Competitive?: Yes

Principal Applicant : Krzysztof Dzieciolowski

2005/4 - 2010/5      Nonparametric estimation of distribution function and related functionals with applications,  
Grant

Principal Applicant

**Funding Sources:**

2005/4 - 2010/5      Natural Sciences and Engineering Research Council of Canada  
(NSERC)  
Discovery Grant  
Total Funding - 70,000  
Portion of Funding Received - 70,000  
Funding Competitive?: Yes

2005/4 - 2010/5      Nonparametric density and regression estimation for length-biased data, Grant

Principal Applicant

**Funding Sources:**

2011/6 - 2014/5      Concordia University  
Research Support for Academic Heads  
Total Funding - 60,000  
Portion of Funding Received - 60,000  
Funding Competitive?: No

## Student/Postdoctoral Supervision

### Bachelor's Honours [n=1]

2016/4 - 2017/4      Qi Zhang (In Progress) , Concordia University  
 Academic Advisor      Student Degree Expected Date: 2017/6  
                                     Thesis/Project Title: A comparison of q-Bernstein polynomial and Bernstein polynomial density estimators  
                                     Present Position: Student, Concordia University

### Master's non-Thesis [n=2]

2011/9 - 2013/4      Zhang Fan (Completed) , Concordia University  
 Academic Advisor      Thesis/Project Title: A comparison of poisson and Bbernstein smoothing methods for density estimation

2011/9 - 2012/6      Sun Dong (Completed) , Concordia University  
 Co-Supervisor          Thesis/Project Title: Interval estimation of the coefficient of variation for the lognormal, inverse Gaussian, Weibull and gamma distribution

### Master's Thesis [n=9]

2015/9 - 2016/12      Shamal Karmaker (In Progress) , Concordia University  
 Principal Supervisor      Student Degree Expected Date: 2017/6  
                                     Thesis/Project Title: Asymmetric Circular Distributions Generated from Skew Symmetric Families of Distributions on the Real Line  
                                     Present Position: Student, Concordia University

2015/9 - 2016/12      Fatemeh Hosseinasabnajar (In Progress) , Concordia University  
 Co-Supervisor              Student Degree Expected Date: 2017/6  
                                     Thesis/Project Title: Longitudinal Association Between Brain Volumeand Cognitive Function in Older Adults

2015/9 - 2017/5      Yuhan Cao (In Progress) , Concordia University  
 Academic Advisor          Student Degree Expected Date: 2017/6  
                                     Thesis/Project Title: Nonparametric Density Estimation for Circular Data  
                                     Present Position: Student, Concordia University

2015/9 - 2017/10      Neha Wadhawan (In Progress) , Concordia University  
 Co-Supervisor              Student Degree Expected Date: 2017/12  
                                     Thesis/Project Title: Modeling Growth Trajectories Throughout Childhood

2015/9 - 2017/6      Chengyin Wang (In Progress) , Concordia University  
 Academic Advisor          Student Degree Expected Date: 2017/6  
                                     Thesis/Project Title: A comparative study of non-parametric smooth estimators of spectral density  
                                     Present Position: Student, Concordia University

2012/9 - 2014/8      Mianbo Wang (Completed) , Concordia University  
 Academic Advisor          Thesis/Project Title: Evaluation of some imputation techniques for missing data

2011/9 - 2014/8      Rong Zhu Hui (Completed) , Concordia Univesity  
 Academic Advisor          Thesis/Project Title: **On imputation techniques in survey sampling**  
                                     Present Position: Statistician

2009/9 - 2011/7  
Academic Advisor Mengjue Tang (Completed) , Concordia University  
Thesis/Project Title: A comparison of two nonparametric density estimators in the context of actuarial loss model  
Present Position: High School Teacher

2008/9 - 2010/3  
Academic Advisor Roudy Espert (Completed) , Concordia University  
Thesis/Project Title: Modeling lifetime data

### Doctorate [n=1]

2010/9 - 2015/9  
Co-Supervisor Khurana Mansi (Completed) , Banasthali University, India  
Thesis/Project Title: Jackknifing and Bootstrapping for ridge regression type estimators  
Present Position: Assistant Professor

### Doctorate Equivalent [n=1]

2010/9 - 2011/5  
Co-Supervisor Shirazi Esmaeel (Completed) , Ferdowsi University, Mashhad, Iran  
Thesis/Project Title: Wavelet estimation of density and regression functions  
Present Position: Assistant Professor

### Post-doctorate [n=1]

2014/8 - 2015/5  
Academic Advisor Fabien Navarro (Completed) , Concordia University  
Thesis/Project Title: Adaptive thresholding estimators with structured sparsity

### Research Associate [n=1]

2006/9 - 2010/11  
Academic Advisor Jun Li (Completed) , Concordia University  
Thesis/Project Title: Nonparametric density and regression estimators  
Present Position: Assistant Professor

## Event Administration

2010/5 - 2016/6 Coordinator, CRM- StatLab Concordia Coordinator, Association, 2010/5 - 2016/6

2016/5 - 2016/5 Session Chair, SSC 2016: Advances in Longitudinal Data Analysis, Conference, 2016/5 - 2016/6

2016/3 - 2016/4 Organizer, Dwivedi Memorial Lecture Series, Seminar, 2016/4 - 2016/4

2015/3 - 2015/4 Organizer, Dwivedi Memorial Lecture Series, Seminar, 2015/4 - 2015/4

2014/3 - 2014/4 Organizer, Dwivedi Memorial Lectuer Series, Seminar, 2014/4 - 2014/4

2013/3 - 2013/12 Chair, Organizing Committee, NCS Workshop: Workshop on Nonparametric Curve Smoothing (Sponsor: CRM & Concordia University), Workshop, 2013/12 - 2013/12

2013/8 - 2013/8 Session Chair, JSM 2013: Advances in Measurement, Modeling, and Inferences, Conference, 2013/8 - 2013/8

2013/3 - 2013/4 Organizer, Dwivedi Memorial Lecture Series, Seminar, 2013/4 - 2013/4

2009/5 - 2011/7 Chair, Organizing Committee, Statistics 2011 Canada/IMST 2011- FIM XX, Conference, 2011/7 - 2011/7

2009/1 - 2010/1 Session Organizer and Chair, International Conference on Frontiers of Interface Between Statistics and Sciences,, Conference, 2009/12 - 2010/1

2009/1 - 2010/1 Session Organizer and Chair, International Conference on Statistics, Probability, Operations Research and allied areas, Conference, 2010/1 - 2010/1

## Editorial Activities

2009/7 - 2016/12	Associate Editor, Chilean Journal of Statistics, Journal
2003/9 - 2016/12	Associate Editor, Statistical Methodology, Journal
2016/4 - 2016/6	Associate Editor, American Journal of Mathematical and Management Sciences, Journal
- 2016/5	Reviewer, Journal of Multivariate Analysis, Journal
- 2016/4	Reviewer, Journal of Applied Statistics, Journal
- 2016/2	Reviewer, Sankhya, Journal
- 2015/7	Reviewer, The American Statistician, Journal
- 2015/7	Reviewer, Mathematical Methods in Applied Sciences, Journal

## Organizational Review Activities

2014/3 - 2014/3	External Program Reviewer, University of New Brunswick Academic review of the department of Mathematics and Statistics, that required meeting with administrators, faculty and students in order to assess the status of the graduate and undergraduate programs, research and scholarly activities in relation to various resources around the university.
2011/3 - 2011/3	External Program Reviewer, Carleton University Academic review of the department of Mathematics and Statistics, that required meeting with administrators, faculty and students in order to assess the status of the graduate and undergraduate programs, research and scholarly activities in relation to various resources around the university.

## International Collaboration Activities

2016/3	Member, Advisory Committee India International Conference on Computational Mathematics and Statistics (ICCMS)2017
2011/9	Member, Program Committee, India International Conference of Institute for Mathematics, Bio-informatics, Information-technology and Computer Science
2015/1 - 2015/1	Instructor, India In house workshop for students and faculty on R at Banasthali University, Rajasthan
2014/8 - 2014/9	Moderator, Jordan Workshop on "On Farm Trials"

## Committee Memberships

2016/5	Committee Member, Doctoral Thesis Examining Committee of A. Awasthi, Sanjay Gandhi Post Graduate Institute of Medical Sciences External Examiner
2016/3	Committee Member, Thesis Proposal Committee of Elnaz Ghadimi, Concordia University
2015/11	Committee Member, Masters Thesis Examining Committee of Shi Shan, Concordia University Examiner

2015/8	Committee Member, Masters Thesis Examining Committee of Wenjun Jiang, Concordia University Internal Examiner
2015/8	Committee Member, Masters Thesis Examining Committee of Nicolas Beck, Concordia University Internal Examiner
2014/9	Committee Member, Doctoral Thesis Examining Committee of Siraj Omer, Sudan Academy of Science External Examiner of PhD thesis
2014/8	Committee Member, Masters Thesis Examining Committee of Jian Tao, Concordia University Internal Examiner
2014/7	Committee Member, Masters Examining Committee of Boyan Semerdjiev, Concordia University Internal Examiner
2014/7	Committee Member, PhD Thesis Proposal Committee of Oscar Quizano Xacur, Concordia University PhD Thesis Committee internal member
2014/6	Committee Member, Doctoral Thesis Examining Committee of Di Liu, Concordia University Examiner (External to the Program)
2013/11	Committee Member, Doctoral Thesis Examining Committee of Maryam Tayefi, University of Pune External Thesis Examiner
2013/8	Committee Member, Doctoral Examining Committee of Syed Ahmadi, Concordia University
2013/8	Committee Member, Masters Thesis Examining Committee of Juliana Schulz, Concordia University Internal Examiner
2012/8	Committee Member, Doctoral Thesis Examining Committee of Prem Chandra, Indian Council of Medical Research External Thesis Examiner
2012/6	Chair, Doctoral Examining Committee of Sunday Azagba, Concordia University
2012/4	Committee Member, Doctoral Thesis Examining Committee of Shabnam Chitsaz, University of Windsor External Thesis Examiner
2011/11	Committee Member, Doctoral Examining Committee of Alomgir Hossain, University of Saskatchewan External Examiner
2011/9	Committee Member, Doctoral Examining Committee of Parviz Malekzadeh, University of Pune External Examiner
2011/9	Chair, Doctoral Examining Committee of Hany Fahmy, Concordia University
2011/9	Committee Member, Doctoral Examining Committee of P.G. Sarvanan, Bharthiar University External Examiner



2011/8	Committee Member, Doctoral Examining Committee of Jun Zhou, Concordia University
2011/3	Chair, Doctoral Examining Committee of Soumaya Cheikhrouhou, Concordia University
2010/5	Committee Member, Doctoral Thesis Examining Committee of Ajay Singh, Banaras Hindu University External Examiner
2016/5 - 2016/6	Committee Member, Doctoral Thesis Examining Committee of Ms. A. Venmani, Indian Council of Medical Research External thesis examiner
2015/11 - 2016/6	Committee Member, Governance Committee, CANSSI
2015/7 - 2016/6	Committee Member, Board of Directors, CANSSI Institutional nominee on the board
2016/1 - 2016/2	Committee Member, Doctoral Thesis Examining Committee of M. Belalia, Université de Sherbrooke Evalueur externe
2013/10 - 2014/4	Committee Member, Dean of Arts and Science Search Committee, Concordia University Participating in reviewing the dossiers of candidates and collaborating with the members in the interview process
2012/7 - 2013/6	Committee Member, SSC Board, Statistical Society of Canada Quebec Representative (Elected)

## Other Memberships

2005/7	Member, Bernoulli Society
2005/1	Member, International Statistical Institute Elected member of the institute
1996/9	Life Member, International Indian Statistical Association
1985/1	Life Member, Indian Econometric Society
1981/1	Member, Indian Science Congress
1979/9	Member, Statistical Society of Canada
1979/9	Member, Institute of Mathematical Statistics
1976/9	Member, American Statistical Association

## Presentations

- (2016). On nonparametric density estimation for size biased data. Colloque de statistique et de biostatistique (dans le cadre des Cinquièmes Rencontres Sherbrooke-Montpellier), Sherbrooke, Canada  
Main Audience: Researcher  
Invited?: Yes, Keynote?: No
- (2014). On normalizing transformations of the coefficient of variation for a normal population with an application to evaluation of uniformity of plant varieties. International workshop on `Applied Mathematics and OMICS Technologies for Discovering Biodiversity and Genetic Resources for Climate Change Mitigations and Adaptation for Sustainable Agriculture in Drylands', Rabat, Morocco  
Main Audience: Knowledge User  
Invited?: Yes, Keynote?: No

3. (2014). On normalizing transformations of the coefficient of variation for a normal population with an application. National Conference on Recent Advances in Statistical and Mathematical Sciences and Their Applications, Nainital, India  
Main Audience: Researcher  
Invited?: Yes, Keynote?: No
4. (2014). On nonparametric density estimation for size biased data. Indian Statistical Institute Seminar Series, Delhi, India  
Invited?: Yes, Keynote?: No
5. (2014). Smoothing parameter selection for nonparametric density estimation for length-biased data: A Bayesian perspective. MSAST 2014, Kolkata, India  
Main Audience: Researcher  
Invited?: Yes, Keynote?: No
6. (2013). On nonparametric estimators of the density of a non-negative function of observations. Indian Statistical Institute Seminar Series, Delhi, India  
Main Audience: Researcher  
Invited?: Yes, Keynote?: No
7. (2013). Nonparametric estimation of the end point of data. IISA- 2013, Chennai, India  
Main Audience: Researcher  
Invited?: Yes, Keynote?: No
8. (2013). Smoothing parameter selection for nonparametric density estimation for length-biased data: A Bayesian perspective. ISBA Regional Meeting and International Workshop, Varanasi, India  
Main Audience: Researcher  
Invited?: Yes, Keynote?: No
9. (2013). Survival distributions with bathtub shaped hazard: A selected review and a new distribution family. MSAST 2013, Kolkata, India  
Main Audience: Researcher  
Invited?: Yes, Keynote?: No
10. (2013). On symmetrizing and variance stabilizing transformations. International Conference on Recent Advances in Mathematical Statistics and its Applications, Guwahati, India  
Main Audience: Researcher  
Invited?: Yes, Keynote?: No
11. (2012). On nonparametric estimators of the density of a non-negative function of observations. 8th International Triennial Calcutta Symposium on Probability and Statistics, Kolkata, India  
Main Audience: Researcher  
Invited?: Yes, Keynote?: No
12. (2012). Some recent developments on the wavelet based density estimation for biased data. MSAST 2012 (5th International Conference of IMBIC), Kolkata, India  
Main Audience: Researcher  
Invited?: Yes, Keynote?: No
13. (2011). On nonparametric density estimation for length biased data. Departmental Seminar, Laval University, Quebec, Canada  
Main Audience: Researcher  
Invited?: Yes, Keynote?: No

## Publications

### Journal Articles

1. Firinguetti, L., Rubio, H. and Chaubey, Y.P.(2016). A non-stochastic ridge regression estimator and comparison with the James-Stein Estimator. *Comm. Stat. - Theor. Meth.*45(8): 2298-2310.  
Published  
Refereed?: Yes, Open Access?: No
2. Abdallah Bari, A., Khazaei, H., Stoddard, F.L., Street, K., Sillanpää, M.J., Yogen P. Chaubey, Y.P., Dayanandan, S., Endresen, D.F., De Pauw, E. and Damania, A.B.(2016). In *silico* evaluation of plant genetic resources to search for traits for adaptation to climate change. *Climatic Change.* 134: 667-680.  
Published  
Refereed?: Yes, Open Access?: No
3. Mishra, S., Pandey, C.M., Chaubey, Y.P. and Singh, U.(2015). Determinants of child malnutrition in empowered action group (EAG) sates of India. *Statistics and Applications.* 13(1 & 2): 1-9.  
Published  
Refereed?: Yes
4. Chaubey, Y.P. and Shirazi, E.(2015). On wavelet estimation of the derivatives of a density based on biased data. *Communications in Statistics—Theory and Methods.* 44(21): 4491-4506.  
Published  
Refereed?: Yes, Open Access?: No
5. Mudholkar, G.S. and Chaubey, Y. P.(2015). On the polars of ordinally weightedunitarily invariant norms. *Investigations in Math Sc.*5(1): 1-9.  
Published  
Refereed?: Yes, Open Access?: No
6. Chaubey, Y.P. & Zhang, R.(2015). An extension of Chen’s family of survival distributions with bathtub shape or increasing hazard rate function. *Communications in Statistics - Theory and Methods.* 44(19): 4049-4064.  
Published  
Refereed?: Yes
7. Chaubey, Y.P., Chesneau, C. and Doosti, H.(2014). Adaptive wavelet estimation of a density from mixtures under multiplicative censoring.*Statistics: A Journal of Theoretical and Applied Statistics.* 49(3): 638-659.  
Published  
Refereed?: Yes
8. Chaubey, Y.P., Sen, D. and Saha, K.(2014). On testing the coefficient of variation in an inverse Gaussian population. *Statistics & Probability Letters.* 90: 121-128.  
Published  
Refereed?: Yes, Open Access?: No
9. Chaubey, Y.P., Chesneau, C. and Shirazi, E. (2013). Wavelet-based estimation of regression function for dependent biased data under a given random design.*Journal of Nonparametric Statistics.* 25(1): 53-71.  
Published  
Refereed?: Yes
10. Mudholkar, G.S. and Chaubey, Y.P.(2013). An entropy based rationale for maximizing likelihood and some related results. *Invest. Mathematical Sciences.* 3(1): 163-170.  
Published  
Refereed?: Yes

11. Chaubey, Y.P. and Sen, P.K.(2013). On nonparametric estimation of the density of a non-negative function of observations. *Calcutta Statistical Association Bulletin*. 65(257-260): 75-101.  
Published  
Refereed?: Yes, Open Access?: No
12. Chaubey, Y.P., Singh, M. and Sen, D.(2013). On symmetrizing transformation of the sample coefficient of variation from a normal population. *Comm. Stat. -- Simula. - Computa*. 42(9): 2118--2134.  
Published  
Refereed?: Yes
13. Khurana, M., Chaubey, Y.P. and Chandra, S.(2013). Jackknifing the ridge reregression estimator: A revisit.*Comm. Stat. - Theor. Meth*.43(24): 5249-5262..  
Published  
Refereed?: Yes
14. Chaubey, Y.P., Laib, N. and Li, J.(2012). Generalized kernel regression estimator for dependent size-biased data. *J. Stat. Plann. Inf*.142(3): 708--727.  
Published  
Refereed?: Yes, Open Access?: No
15. Shirazi, Esmaeil , Chaubey, Yogendra P., Doosti, Hassan and Niroumand, Hossein Ali. (2012). Wavelet based estimation for the derivative of a density by block thresholding under random censorship.*Journal of the Korean Statistical Society*. 41(2): 199-211.  
Published  
Refereed?: Yes, Open Access?: No
16. Chaubey, Y.P., Li, J., Sen, A. and Sen, P.K.(2012). A new smooth density estimator for non-negative random variables.*Journal of the Indian Statistical Association*. 50: 83--104.  
Published  
Refereed?: Yes, Open Access?: No
17. Chaubey, Y.P., Dewan, I. and Li, J.(2012). An asymmetric kernel estimator of density function for stationary associated sequences. *Comm. Stat. -- Simula. Computa*.41(4): 554-572.  
Published  
Refereed?: Yes
18. Chaubey, Y.P. Chesneau, C. and Doosti, H.(2011). On linear wavelet density estimation: Some recent developments. *J. Ind. Soc. Agr. Stat*.65: 169-179.  
Published  
Refereed?: Yes, Open Access?: Yes
19. Chaubey, Yogendra P., Dewan, Isha and Li, Jun. (2011). Smooth estimation of survival and density functions for a stationary associated process using Poisson weights. *Statist. Probab. Lett*.81: 267-276.  
Published  
Refereed?: Yes, Open Access?: No
20. Sen, D. and Chaubey, Y.P.(2011). A class of accelerated life testing models based on the gamma distribution.*J. Ind. Soc. Agr. Stat*.65(2): 155-161.  
Published  
Refereed?: Yes, Open Access?: Yes
21. Howlader, T. and Chaubey, Y.P.(2010). Noise reduction of cDNA microarray images using complex wavelets. *IEEE Transactions On Image Processing*. 19: 1953-1967.  
Published  
Refereed?: Yes, Open Access?: No

22. Doosti, H., Islam, M.S., Chaubey, Y.P. and Gora, P.(2010). Two dimensional wavelets for nonlinear autoregressive models with an application in dynamical system. *Italian Journal of Pure and Applied Mathematics*. 27: 39-62.  
Published  
Refereed?: Yes, Open Access?: No
23. Chaubey, Y.P., Doosti, H., Shirazi, E. and Prakasa Rao, B.L.S.(2010). Linear wavelet-based estimation for derivative of a density under random censorship. *Jour. Iran. Statist. Soc.*9: 41-51.  
Published  
Refereed?: Yes
24. M. Singh, M., Chaubey, Y.P. , Sarker, A. and Sen, D.(2010). Modeling heterogeneity along with spatially correlated errors in field trials. *J. Ind. Soc. Agr. Stat.*64(2): 313-321.  
Published  
Refereed?: Yes
25. Chaubey, Y.P., La#<?>b, N. and Sen, A.(2010). Generalised kernel smoothing for non-negative stationary ergodic processes. *Journal of Nonparametric Statistics*. 22: 973-997.  
Published  
Refereed?: Yes, Open Access?: No
26. Chaubey, Y.P. and Dewan, I.(2010). Smooth estimation of survival and density functions for stationary associated sequences: Some recent developments. *J. Ind. Soc. Agr. Stat.*64(2): 261-272.  
Published  
Refereed?: Yes
27. Chaubey, Y. P., Mudholkar, G.S. and Jones, M. C.(2010). Reciprocal symmetry, unimodality and Khintchine's theorem. *Proc. Roy. Soc.Ser. A*. 466: 2079-2096.  
Published  
Refereed?: Yes
28. Singh, M., Niane, A.A. and Chaubey, Y.P.(2010). Evaluating uniformity of plant varieties: Sample size for inference on coefficient of variation. *Journal of Statistics & Applications*. 5(1): 1-13.  
Published  
Refereed?: Yes, Open Access?: Yes
29. Hachem, C., Chaubey, Y. P., P. Fazio, Rao, J. and Bartlett, K.(2010). Statistical Analysis of Microbial Volatile Organic Compounds in an Experimental Project: Identi?>cation and Transport Analysis. *Indoor and Built Environment*. 19(2): 275-285.  
Published  
Refereed?: Yes, Open Access?: No
30. Chaubey, Y.P., Sen, P.K. and Li, J.(2010). Smooth density estimation for length-biased data.*J. Ind. Soc. Agr. Stat.*64(2): 145-155.  
Published  
Refereed?: Yes, Open Access?: Yes

## Books

1. Z. Baskurt and M. Evans; D.R. Brillinger; K.M. Burkett, B. McNeney and J. Graham; Y.P. Chaubey, M. Khurana and S. Chandra; G Chen and J. Wu; K. Deka and B. Gogoi; N.Deo and M. Vasudevan; D.M. Dziuda; E. Gombay; D. Gupta, K. Gandhi, S. Makkar and P.C> Jha; R. Gupta and B. Sharma; G.S. Mudholkar, D.K. Srivastava, C.E. MArchetti and A.G. Mudholkar; B. Nandram and D. Kim; J. Peng; P.K. Sen; G. Sneddon, M.T. Hasan and R. Ma; P. Subbaiah, A. Mallick and T.K. Desai; R. Valverde and M. Talla; G. Yan, T. Hasan and R. Ma. (2013). *Some Recent Advances in Mathematics and Statistics*. : 267.  
Yogendra P. Chaubey.  
Published, World Scientific  
Refereed?: Yes

2. M.-O. Hongler, R. Filliger, Ph. Blanchard and J. Rodriguez; Y. Kitaoka; A. Asada; S. Mecheri; C. Ghiu and C. Udriste; R.M. Owczarek; M.M. Rao; Y.P. Chaubey and J. Li; N. Dadgupta, Y.O. Chen, R. Basu and S.S. Daoud; G.G. Hamedani; T. Sakata, T. Sumi, M. Miyazaki and K. Maehara; A.C. Arnold and I. Ghosh. (2012). Contemporary Topics in Mathematics and Statistics with Applications. (1): 276. A. Adhikari, M.R. Adhikari and Y.P. Chaubey.  
Published, Asian Books Pvt. Ltd  
Refereed?: Yes

## Book Chapters

1. A. Bari, Y.P. Chaubey, M.J. Sillanpaa, F.L. Stoddard, A.B. Damania, S.B. Alaoui and M.C. Mackay. (2016). Applied mathematics in genetic resources: Towards a synergistic approach combining innovations with theoretical aspects. Abdallah Bari, Ardeshir B. Damania, Michael Mackay and Selvadurai Dayanandan. Applied Mathematics and OMICS to Assess Crop Genetic Resources for Climate Change Adaptive Traits. : 109-125.  
Published, CRC Press  
Refereed?: Yes
2. Y.P. Chaubey, A. Sarker and M. Singh. (2016). Power transformation: Application for symmetrizing the distribution of sample coefficient of variation from inverse Gaussian populations. Abdallah Bari, Ardeshir B. Damania, Michael Mackay and Selvadurai Dayanandan. Applied Mathematics and OMICS to Assess Crop Genetic Resources for Climate Change Adaptive Traits. : 127-137.  
Published, CRC Press  
Refereed?: Yes
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