

Bruno Sansó

CURRICULUM VITÆ

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EDUCATION

- PhD in Mathematics (1992). Universidad Central de Venezuela. Dissertation: “Near Ignorance Classes in Bayesian Analysis”. Supervisor: Luis Raúl Pericchi.
- MSc in Mathematics (1987). Universidad Simón Bolívar. Dissertation: “Analysis of Repeated Surveys Using Kalman Filters”.
- BSc in Mathematics (1985). Universidad Simón Bolívar.

EMPLOYMENT

- Associate Professor (from August 2006). Dept. of Applied Mathematics and Statistics, University of California, Santa Cruz.
- Acting Associate Professor (2004-2006). Dept. of Applied Mathematics and Statistics, University of California, Santa Cruz.
- Visiting Associate Professor (2001-2004). Dept. of Applied Mathematics and Statistics, University of California, Santa Cruz.
- Full Professor (2000-2003). Dept. of Scientific Computing and Statistics, Universidad Simón Bolívar.
- Associate Professor (1995-2000). Dept. of Scientific Computing and Statistics, Universidad Simón Bolívar.
- Adjunct Assistant Professor (1997-1998). ISDS, Duke University.
- Adjunct Assistant Professor (Fall semester 1996). ISDS, Duke University.
- Adjunct Assistant Professor (Fall semester 1995). ISDS, Duke University.
- Aggregate Professor (1992-1995). Dept. of Mathematics, Universidad Simón Bolívar.
- Assistant Professor (1987-1992). Dept. of Mathematics, Universidad Simón Bolívar.
- Associate Researcher (1987). Universidad Central de Venezuela, School of Physics and Mathematics; Project for the Oil Reservoir Dept. of INTEVEP.

- Statistician, C.I.E.D.A. (1986-1987) (Centro de Investigaciones en Desarrollo y Ambiente), Caracas.
- Assistant Professor (1986-1987). Dept. of Mathematics, Universidad Metropolitana.
- Teaching Assistant (1985-1987). Dept. of Mathematics, Universidad Simón Bolívar.
- Research Assistant (1984-1985). Dept. of Mathematics, Universidad Simón Bolívar.

AWARDS AND FELLOWSHIPS

- Ordinary Member of the International Statistical Institute, elected in the year 2000.
- Annual Prize to the Best Scientific Paper in Engineering by Consejo Nacional de Investigaciones Científicas y Tecnológicas of Venezuela, year 2000. Paper (26).
- Researcher II of the Venezuelan Research Promotion System
- MSc in Mathematics with honors
- BSc in Mathematics Cum Laude
- Scholarship from the British Council as a visiting student at Liverpool University, 1990-1991.

MEMBERSHIP IN PROFESSIONAL SOCIETIES

Member of the Bernoulli Society and past Member of the Board of the Latin-American Chapter. Member of the International Society for Bayesian Analysis (ISBA), treasurer since January 2005 and past Associate Editor of its Bulletin as well as past member of the nominating and publications committees. Member of the American Statistical Association.

REFEREED PUBLICATIONS

1. Claudia Tebaldi and **Bruno Sansó** (2008) “Joint Projections of Temperature and Precipitation Change from Multiple Climate Models: A Hierarchical Bayes Approach” Tech. Report asm2007-012. To appear in *Journal of the Royal Statistical Society Series A*.
2. **Bruno Sansó**, Alexandra Schmidt and Aline Nobre (2008) “Spatio-Temporal Models Based on Discrete Convolutions”. Tech. Report ams2004-07. To appear in *Canadian Journal of Statistics*.
3. Weining Zhou and **Bruno Sansó** (2008) Statistical Inference for Atmospheric Transport Models Using Process Convolutions. *Environmetrics*, vol. 19, pp 87–101.
4. Herbie Lee, **Bruno Sansó**, Weining Zhou and David Higdon (2007) “Inference for a Proton Accelerator Using Convolution Models”. To appear in *Journal of the American Statistical Association*.

5. Kumar Viswanath, Katia Obraczka, Athanasios Kottas and **Bruno Sansó** (2007) “A Statistical Equivalent Models for Computer Simulators with and Application to the Random Waypoint Mobility Model”. *Simulation*, vol. 83, pp 157-172.
6. Ricardo T. Lemos, **Bruno Sansó** and Marc Los Huertos (2007). “Spatially Varying Temperature Trends in a Central California Estuary”. *Journal of Agricultural, Biological and Environmental Statistics*, vol. 12, No. 3, pp 379–396.
7. Mark A. Snyder, **Bruno Sansó** and Lisa C. Sloan (2007). “Validation of Climate Model Output using Bayesian Statistical Methods”. *Climatic Change*, vol 83, pp 457–476, 10.1007/s10584-007-9262-3.
8. Giselle Álvarez and **Bruno Sansó** (2007) Bayesian Wavelet Regression for Spatial Estimation. To appear in *Journal of Data Science*.
9. Athanasios Kottas and **Bruno Sansó** (2007) “Bayesian Mixture Modeling for Spatial Poisson Process Intensities, with Applications to Extreme Value Analysis”. *Journal of Statistical Planning and Inference*, vol 137, pp 3151–3163.
10. Kate Siegfried and **Bruno Sansó** (2006) “Two Bayesian Methods for Estimating Parameters of the von Bertalanffy Growth Equation”. *Journal Environmental Biology of Fishes*, vol 77, pp 301–308.
11. Kumar Viswanath, Katia Obraczka, Athanasios Kottas and **Bruno Sansó** (2006) “A Statistical Equivalent Model for Random Waypoint Mobility: A Case Study”. In proceedings of Symposium on Performance Evaluation of Computer and Telecommunication Systems (SPECTS) 06.
12. Gabriel Huerta and **Bruno Sansó** (2007) “Time-Varying Models for Extreme Values”. *Environmental and Ecological Statistics*, vol 14, pp 285–299.
13. Ricardo Lemos and **Bruno Sansó** (2006) “Spatio-temporal Variability of Ocean Temperature in the Portugal Current System”. *Journal of Geophysical Research Oceans*, 111, C04010, doi:10.1029/2005JC003051.
14. Herbie Lee, **Bruno Sansó**, Weining Zhou and David Higdon (2005) “Inferring Particle Distribution in a Proton Accelerator Experiment”. *Bayesian Analysis*, vol 1, pp 249–264.
15. Peter Müller, **Bruno Sansó** and Maria De Iorio (2004) “Optimal Bayesian Design by Inhomogeneous Markov Chain Simulation”. *Journal of the American Statistical Association*, vol 99, pp 788–798.
16. **Bruno Sansó** and Lelys Guenni (2004) “A Bayesian Approach to Compare Observed Rainfall Data to Deterministic Simulations”, *Environmetrics*, vol 15, pp. 597–612.
17. Gabriel Huerta, **Bruno Sansó** and Jonathan R. Stroud (2004). “A Spatio-Temporal Model for Mexico City Ozone Levels”. *Applied Statistics*, vol. 53, pp.231–248.

18. Abel Rodríguez, Giselle Álvarez and **Bruno Sansó** (2003) “Objective Bayesian Comparison of Laplace Samples from Geophysical Data”. In *Bayesian Statistics 7*. Edited by J.M. Bernardo, M.J. Bayarri, J.O. Berger, A.P. Dawid, D. Heckerman, A. F. M. Smith and M. West. Oxford University Press. pp. 671–670.
19. Giselle Álvarez, **Bruno Sansó**, Reinaldo Michelena and Juan Ramón Jiménez (2003). “Lithologic Characterization of a Reservoir Using Continuous Wavelet Transforms”. *IEEE Transactions on Geoscience and Remote Sensing*, vol. 41, pp. 59–65.
20. Lelys Guenni, **Bruno Sansó** and Lisbeth Betancourt, (2002). “Oceanic Influence on the Precipitation of the South-East of Venezuela”. *Environmetrics*, vol. 13, pp. 263–279.
21. James O. Berger, Víctor De Oliveira and **Bruno Sansó** (2001). “Objective Bayesian Analysis of Spatially Correlated Data”, *Journal of the American Statistical Association*, vol. 96, pp. 1361–1374.
22. Jonathan Stroud, Peter Müller and **Bruno Sansó**, (2001). “Dynamic Models for Spatio-Temporal Data”, *Journal of the Royal Statistical Society, Series B*, vol. 63, pp. 673–689.
23. **Bruno Sansó** and Lelys Guenni, (2000). “A Non-Stationary Multi-Site Model for Rainfall”, *Journal of the American Statistical Association*, vol. 95, pp. 1064–1089.
24. Keith R. Abrams, Paul C. Lambert, **Bruno Sansó**, Chris Shaw, Theresa M. Marteau, (2000). “Meta-Analysis of Heterogeneously Reported Study Results - A Bayesian Approach” in *Meta-Analysis in Medicine and Health Policy*. Edited by Don Berry and Dalene Stangl, Marcel Dekker, Biostatistics series, vol. 4., pp. 29–64.
25. **Bruno Sansó** and Lelys Guenni, (1999). “A Stochastic Model for Tropical Rainfall at a Single Location”, *Journal of Hydrology*, vol. 214, pp. 64–73.
26. **Bruno Sansó** and Lelys Guenni, (1999). “Venezuelan rainfall data analysed using a Bayesian space-time model”, *Applied Statistics*, vol. 48, pp. 345–362.
27. **Bruno Sansó** and Peter Müller, (1998). “Redesigning a Network of Rainfall Stations”. In *Case Studies in Bayesian Statistics*, vol. IV, p. 383–394, Springer-Verlag, NY.
28. A. Reyna-Bello, F. A. García, M. Rivera, **B. Sansó** y P. M. Aso (1998). “Enzyme Linked Immunoabsorbent Assay (ELISA) for Detection of Anti-Trypanosoma Evans Equine Antibodies”. *Veterinary Parasitology*, vol. 80, 149–157.
29. Keith Abrams and **Bruno Sansó**, (1998). “Approximate Bayesian Inference for Random Effects Meta-Analysis” *Statistics in Medicine*, vol. 17, p 201–218.
30. **Bruno Sansó**, (1997). “Simple Approximations for Location and ANOVA Models with Non-Conjugate Priors” *Test*, vol. 6, p 119–126.
31. **Bruno Sansó**, Luis R. Pericchi and Elías Moreno (1996). “On the robustness of the intrinsic Bayes factor for nested models”. (with discussion). *Bayesian Robustness 2*, Edited by J. Berger, F. Ruggeri, and L. Wasserman, IMS Monographs, p 157–176.

32. A. Bosnjak, G. Bevilacqua, G. Passariello, F. Mora, **B. Sansó** and G. Carrault (1995). “An approach to intelligent ischemia monitoring”. *Med. & Biol. Eng. & Comput.*, vol. 33, p 794–756.
33. L. R. Pericchi and **Bruno Sansó** (1995). “A note on Bounded Influence in Bayesian Analysis”. *Biometrika*, vol. 82 No. 1, p. 223-5.
34. **Bruno Sansó** and L. R. Pericchi (1994). “On Near Ignorance Classes”. *Revista Brasileira de Probabilidade e Estadística*. vol. 8, No. 2, p 119–126
35. **Bruno Sansó** and L. R. Pericchi (1994). “Large Classes of Proper Prior for Linear Models”. *Communications in Statistics: Theory and Methods*, vol. 23.
36. L. R. Pericchi, **Bruno Sansó** and A. F. M. Smith (1993). “Posterior Cumulant Relationships in Bayesian Inference Involving the Exponential Family”. *Journal of The American Statistical Association*, vol. 88, p. 1419–26.
37. P. Debollain, M. Torres, E. Molina, **Bruno Sansó**, (1992). “Características Socio-demográficas y nutricionales de una muestra de mujeres embarazadas de nivel socio-económico obrero marginal”. *Anales Venezolanos de Nutrición*, vol 2, p 15–20.
38. **Bruno Sansó** and L. R. Pericchi, (1992). “Imprecise Bayesian Inference for Location Models”. *Proceedings of the IV CLAPEM*, p 221–227.
39. **Bruno Sansó** and L. R. Pericchi, (1992). “Near Ignorance Classes of Log-Concave Priors for the Location Model”. *Test*, vol 1, # 1, p 27–32.
40. **Bruno Sansó**, (1990). “Análisis de Muestreos Repetidos Basados en Modelos Superpoblacionales”. *Proceedings of the III CLAPEM*. p. 183–192.

MONOGRAPHS

1. Alexandra Schmidt and **Bruno Sansó** (2006) “Modelagem Bayesiana da Estrutura de Covariância de Processos Espaciais e Espaço Temporais”. (In Portuguese). Monograph prepared for the short course on space and space-time models given at the 17-th Simposio Nacional de Probabilidade e Estatística, July 24–28, 2006. Caxambu, Brazil.

DISCUSSIONS, PROCEEDINGS AND EXTENDED ABSTRACTS

1. Invited discussion of Gelfand A.E., Schmidt A., Banerjee S. and Sirmans C.F. (2004) “Nonstationary Multivariate Process Modelin through Spatially Varying Coregionalization”, *Test*, **13**, pp. 263–312.
2. Herbie Lee, **Bruno Sansó**, Weining Zhou and David Higdon (2004) “Ideas for Statistical Inference for a Proton Simulator”. *Proceedings of the American Statistical Association*, Section in Bayesian Statistical Science [CD-ROM]. American Statistical Association.

3. Giselle Álvarez, **Bruno Sansó**, Reinaldo Michelena, Juan Ramón Jiménez (2003). “Spatial Estimation of Reservoir Properties Using Bayesian Wavelet Regression”. *Proceedings of the American Statistical Association*, Section in Bayesian Statistical Science [CD-ROM]. American Statistical Association.
4. Gabriel Huerta, **Bruno Sansó** and Jonathan Stroud (2000). “Space-Time Analysis of Mexico City Ozone Levels”. *Proceedings of the American Statistical Association*, Section in Environmental Statistics .
5. Lelys Guenni and **Bruno Sansó**, (2000). “Combining Observed Point Rainfall Data and Dynamic Downscaling Using a Bayesian Approach”. Extended abstract presented at the *XX International Biometric Conference*, July 2000, Berkeley, CA, USA.
6. Invited discussion of “Default Approaches to Compare means of Normal Populations” by E. Moreno, F. Bertolino and W. Racugno in *Proceedings of the Workshop on Model Selection*, W. Racugno ed., p. 133–155, CNR, vol. 9, (1997).
7. Discussion of “The Intrinsic Bayes Factors for Linear Models” by J.O. Berger and L.R. Pericchi in *Bayesian Statistics 5*, J.M. Bernardo, J.O. Berger, A.P. Dawid and A.F.M. Smith eds., p. 25–44, Oxford University Press, (1996).

TECHNICAL REPORTS AND SUBMITTED MANUSCRIPTS

1. Aracelis Hernández, Lelys Guenni and **Bruno Sansó** (2006). “Extreme limit distribution of truncated models for daily rainfall”. Tech Report ams2006-05.
2. Keith Abrams and **Bruno Sansó**, (1995). “Model Discrimination in Meta-Analysis - A Bayesian Perspective”. Discussion paper 95-41, ISDS, Duke University.
3. Michael C. Denham y **Bruno Sansó**, (1995). “Gibbs Sampling in Splus”. Tech. Report 95-06, CESMa, USB.
4. **Bruno Sansó** and L. R. Pericchi, (1994). “Calculating the IBF using Montecarlo”. Tech. Report #94-04, Dpto. de Matemáticas, USB.
5. **Bruno Sansó**, (1988). “Bayesian Sensitivity Analysis”. Tech. Report #88-18, Dpto. Matemática, USB.
6. E. Molina and **Bruno Sansó**, (1988). “The application of Kalman filters to the analysis of repeated surveys”. Tech. Report #88-07, Dpto. de Matemática, USB.

MEETINGS, CONFERENCES AND TALKS (LAST THREE YEARS)

- “Bayesian Statistical Analysis of Climate Model Output”, September 2007. Invited talk given at the Second Workshop on Probability and Uncertainty in Climate Models, Durham, UK, 24-28 September, 2007.

- “Spatially Varying Temperature Trends in a Central California Estuary”, July 2007. Seminar given at the Departamento de Métodos Estatísticos, Universidade Federal de Rio de Janeiro Brazil.
- “Principles of Bayesian Methods”, June 2007. Invited tutorial given at Data Mining in Aeronautics, Science, and Exploration Systems 2007 Conference, Mountain View, CA.
- “Statistical Inference for Climate Models”, December, 2006. Seminar at the California State University Monterey Bay, Seaside, California, USA.
- “Spatially Varying AR Processes Based on Discrete Convolutions” August, 2006. Invited talk given at the Joint Statistical Meetings, Seattle, WA, USA.
- “Bayesian Statistical Models for Climate Model Output”, July, 2006. Invited talk given at the 17th Brazilian National Symposium on Probability and Statistics Caxambu, Brazil.
- “Space and Space-Time Models using Process Convolutions and Applications to Environmental Data”. April 2006. Seminar at the University of California, Riverside, California, USA.
- “Space and Space-Time Models based on Process Convolutions”. January 2006. Seminar at Universidad Simón Bolívar, Caracas, Venezuela
- “Process Convolutions for Space and Space-Time Models”. August, 2005. Seminar at the National Marine Fisheries Service Environmental Research Division of NOAA. Pacific Grove, California, USA.
- “Bayesian Methods for the Analysis of Climate Output”. June 2005. Seminar at the CNR-IMATI, Milano, Italy.
- “Time-Varying Space-Time Models for Extreme Values”. April 2005. Seminar for the Discovery and Systems Health (DaSH) Seminar series of NASA-Ames, Moffet Field, CA.
- “Bayesian Methods for the Analysis of Climate and Transport Model Output”. February 2005. Invited talk given at the Second Latin American Meeting of Bayesian Statisticians, Los Cabos, Mexico.
- “The Use of Statistical Modeling to Aid in the Validation of Regional Climate Model Output”. December 2003. Poster presented at the 2004 Fall Meeting of the American Geophysical Union, San Francisco, California, USA.
- “Discrepancies between Exit Polls and Official Results in the Venezuelan Recall Referendum”. September 2004. Seminar at Universidad Simón Bolívar, Caracas, Venezuela.
- “Discrete Convolutions for Space-Time Data”, August 2004. Talk given at the 2004 Joint Statistical Meetings, Toronto, Canada.
- “Statistical Inference for a Charged Particle Simulator”, June 2004. Invited talk given at the 2004 joint WNAR/IMS meeting, Albuquerque, New Mexico.

- “Bayesian Models for Data in Space and Time”, February 2004. Seminar at the Department of Applied Mathematics and Statistics, University of California Santa Cruz.

MEMBERSHIP IN EDITORIAL BOARDS

- Associate Editor of *Techonmetrics* (since 2006)
- Associate Editor of *Bayesian Analysis* (since 2005)
- Main Guest Editor of the special issue of the *Journal of Statistical Planning and Inference* on Bayesian Inference for Stochastic Processes (in progress).
- Associate Editor of the *Journal of Statistical Planning and Inference* (since 2004)

REVIEWS

I have acted as a reviewer for: *Academic Press* (2003), *Applied Statistics* (1996), *Applied Stochastic Models in Business and Industry* (2002, 2005), *Bayesian Statistics 7*, (2003), *Biometrika* (1996), *Brazilian Journal of Probability and Statistics* (1993), *Ecological Monographs* (2006), *Ecology* (2004), *Frontiers in Ecology and the Environment* (2004), *Journal of Geophysical Research: Atmospheres* (2003), *Journal of Statistical Planning and Inference* (2001, 2003), *Journal of the American Statistical Association* (1995, 2004, 2005), *National Science Foundation*, Division of Ocean Sciences (2003), *Section of Bayesian Statistical Science of the ASA*, *Student paper competition* (2006), *Statistical Methods and Applications* (2006), *Statistical Science* (2005), *Statistica Neerlandica* (2006), *Test* (1993), *Universidad de Puerto Rico Río de Piedras*, *Decanato de Investigaciones* (2006).

RESEARCH GRANTS AND PROJECTS

<i>Date</i>	<i>Title of Grant</i>	<i>Role</i>	<i>Name of organization</i>	<i>Amount</i>
2006	Advances in the Implementation of Optimal Bayesian Sequential Analysis and Design	sponsor	UC-MEXUS	25,000
2005	Bayesian Process Convolutions for non-stationary modeling	co-PI	NSF	120,000
2005	Statistical analysis of the database of the 15 year North Monterey County water quality monitoring program	co-PI	California EPA	61,441
2005	Development and Application of Statistical Methodology	PI	LANL	50,959
2004	CMG Collaborative Research: Improved Bayesian Estimators for Uncertainty in Climate System Properties	PI	NSF	336,545
2004	Regional Climate Change and Precipitation Linking Models to Management	PI	UCSC STEPS	7,000
2004	Evaluation of CCSM Constituent Transport Variability	PI	NSF	24,998
2003	Bayesian Methodology for Characterizing Uncertainty in Problems Involving Simulation Code	PI	LANL	45,000
2001	International exchange grant	PI	CONICIT (Venezuela) and CONACyT (México)	5,400

<i>Date</i>	<i>Title of Grant</i>	<i>Role</i>	<i>Name of organization</i>	<i>Amount</i>
2000	Downscaling Activities and Their Applications to Studies of Climate Variability and Change in South America	co-PI	Interamerican Institute for Global Change	10,000
2002	Atmosphere-Biosphere Interactions in La Gran Sabana, Canaima National Park	co-PI	CONICIT	15,000
1999	Research group grant	co-PI	Dean of Research USB	40,000
1998	Research group grant	co-PI	Dean of Research USB	40,000
1997	Development and Application of Computational Methods for the Quantitative Analysis of Complex Models and Data	PI	CONICIT	300,000
1997	Research group grant	PI	Dean of Research USB	40,000
1992	Development of Mathematical and Statistical Software	co-PI	CONICIT	800,000

STUDENT SUPERVISION

- Daniel Zantedeschi, PhD student working on the estimation of climate system properties, UCSC.
- Aline Nobre, PhD thesis “Spatio-temporal models based on discrete convolutions”, supervised jointly with Alexandra Schmidt, University of Rio de Janeiro, Brazil.
- Chris Wong, MS project “Forecasting support burden for the CISCO 2006 routers”, UCSC, December 2006.
- Weining Zhou, PhD dissertation “Analyzing Computer Simulation Experiments Using Process Convolutions”, supervised jointly with Herbie Lee, UCSC. December 2006.
- Aracelis Hernández, PhD dissertation “Spatio-Temporal Modelling of Rainfall Over the Caroní Catchment Area”, supervised jointly with Lelys Guenni, USB, January 2005.
- Xing Ji, MS project “A Bayesian Modeling Application to Estimating the Climate Change Impact on the Presence of Oaks in California”, UCSC, June 2005.
- Weining Zhou, MS thesis “Bayesian Process Convolutions for Computer Simulation Models”, UCSC, June 2005. Computer Code, supervised jointly with Herbie Lee.
- Giselle Álvarez, PhD dissertation “Using Seismic Data to Classify the Lithology and Estimate the Properties of an Oil Reservoir”, USB, March 2003.
- Lisbeth Betancourt, MSc dissertation “Statistical Modelling of the Ocean-Atmospheric Effect on the Rainfall in Southern Venezuela”, supervised jointly with Lelys Guenni, USB, April 2000.

TEACHING

- Director of the Program of Graduate Studies in Statistics and Stochastic Modeling, UCSC, 2004-2007.
- Short course on Bayesian Inference for the Continuing Education Section of the Joint Statistical Meetings, Seattle, 2006.
- Short course on Bayesian Inference for the Continuing Education Section of the Joint Statistical Meetings, Minneapolis, 2005.
- Short course on Bayesian Inference for the Continuing Education Section of the Joint Statistical Meetings, Toronto, 2004.
- Director of the Program of Graduate Studies in Statistics, USB. Sep. 2000 to Sep. 2001.
- Head of the Statistics Section of the Department of Scientific Computing and Statistics of USB. 1998-2000.
- Co-founder of the Program of Graduate Studies in Statistics, USB, 1997.
- Graduate level courses: I have designed and taught courses in Statistical Inference, Statistical Modelling, Linear Models, Decision Theory, Markov Chain Monte Carlo Methods, Multivariate Statistics and Time Series since 1992.
- Undergraduate level courses: I have taught several courses of elementary probability, statistics and numerical analysis for Scientists and Engineers since 1987. Most of these classes have been of about a hundred students.

PROGRAMMING AND COMPUTER SKILLS

- FORTRAN 77 , FORTRAN 90, Splus, R, LAPACK, IMSL and HTML.
- Some knowledge of C, SAS, NAG, MINITAB and MATLAB.
- UNIX (both Sun Solaris and BSD). Some experience as the system manager of the CESMa network that has several workstations and PCs.
- Webmaster of the CESMa web page (www.cesma.usb.ve) and the web page of the Department of Applied Math and Statistics at UCSC (www.ams.ucsc.edu).

PROFESSIONAL EXPERIENCE AS A CONSULTANT

- Statistical Consultant for DATOS, Venezuela.
- Statistical Consultant for RCTV, Venezuela.
- Statistical Consultant for the R. & D. Department of Industrias POLAR, Caracas, Venezuela.

- Statistical Consultant for INTEVEP (Research Institute of the Venezuelan Oil Industry), Caracas, Venezuela.
- Statistical Consultant for IDEA (Instituto de Estudios Avanzados), Caracas, Venezuela.
- Statistical Consultant for ECCS, New Jersey, USA.
- Statistical Consultant for Procter and Gamble Latinoamerica, Caracas, Venezuela.

AREAS OF ACADEMIC ACTIVITY

Bayesian statistics, spatio-temporal models, geostatistics, modelling of environmental data with particular interest in rainfall data, Bayesian model selection and statistical consulting.

October 2007.