

Curriculum Vitae

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EDUCATION

- 2001 Ph.D. Statistics and Econometrics, University of National and World Economy, Sofia, Bulgaria. Area of Specialization: Applied Statistics and Econometrics, Time-Series Analysis and Forecasting. Dissertation Title: "Econometric Analysis and Forecasting of the Business Cycle. The Case of USA and Bulgaria."
- 1996 M.A. Economics, University at Albany, State University of New York. Master's Thesis Title: "Land Market and Land Access in Latin America."
- 1993 Fulbright Econometrics, Department of Economics, Brown University, Providence, RI.
- 1985 B.A./M.A. Economics & Statistics, Statistics Dept., Univ. of National and World Economy, Sofia, Bulgaria. Master's Thesis Title: "Statistical Analysis of Quality of Life."

EMPLOYMENT

- 2008 - Present NY **Visiting Assistant Professor**, Department of Economics, Queens College, CUNY, Flushing, NY. Teaching Econometrics and Macroeconomics.
- 2003/08 SC **Clinical/Research Assistant Professor and Manager of Statistical Consulting Laboratory**, Department of Statistics, University of South Carolina. Statistical consulting, working on variety of research projects and grants, statistical data analysis and programming. Teaching graduate courses: Statistical Methods, Forecasting and Time Series, Applied Statistics and Time Series Analysis.
- 2002/03 NY **Econometrician**, NY State Assembly, Economics Group, Albany, NY. Responsible for providing national and regional economic forecasts for Budget and Fiscal groups; building, testing, and maintaining large econometric models for analysis and forecasting of the U.S. and NY State economy. Responsible for producing weekly "Economic News" bulletin and co-authoring the annual "Economic Report."
- 1996/02 NY **Senior Research Associate/Senior Statistical Analyst**, Policy Research Associates, (PRA) Inc., Delmar, New York (www.prainc.com). Area of research: mental health and violence, women and violence, co-occurring disorders, juvenile justice, and homelessness. Performed advanced statistical analysis and programming on variety of research projects, co-authored journal articles and research reports, book chapter, and gave presentations and seminars. Managed large-scale databases, performed data transformations and queries. Worked on multi-site research projects. Active involvement in designing sample surveys, data collection, and interviewers' training, grant writing and project management.
- 1986/96 Sofia, Bulgaria **Assistant Professor**, Department of Statistics and Econometrics, University of Economics, Sofia, Bulgaria. Taught undergraduate and Master's level courses in Statistics, Econometrics, Economic Statistics, statistical software packages and programming. Responsible for teaching, research, administering exams, and supervising master students research.

PUBLICATIONS

- 2009 Fridriksson, J., Baker, M.J., Whiteside, J., Eoute, D., Moser, D., Vesselinov, R., & Rorden, C. Treating Visual Speech Perception to Improve Speech Production in Non-Fluent Aphasia. *Stroke*, in press.
- 2008 Mann, J.R., McKeown, R.E., Bacon, J., Vesselinov, R., Bush, F., Predicting Depressive Symptoms and Grief after Pregnancy Loss, *Journal of Psychosomatic Obstetrics and Gynecology*, 2008 Dec; 29(4): 274-9.
- 2008 Vesselinov, R., Chronology of the Bulgarian Business Cycle, *Statistika*, NSI, Sofia, Bulgaria, Issue N 1/2008, 22-43.
- 2008 Mann, J.R., McKeown, R.E., Bacon, J., Vesselinov, R., Bush, F., Do Antenatal Religious and Spiritual Factors Impact the Risk of Postpartum Depressive Symptoms?, *Journal of Women's Health*, 2008 Jun; 17(5): 745-55.
- 2008 Mann, J.R., McKeown, R.E., Bacon, J., Vesselinov, R., Bush, F., Religiosity, Spirituality and Tobacco Use by Pregnant Women, *Southern Medical Journal*, 2007 Sep; 100(9): 867-72.
- 2008 Mann, J.R., McKeown, R.E., Bacon, J., Vesselinov, R., Bush, F., Religiosity, Spirituality and Antenatal Anxiety in Southern U.S. Women. *Archives of Women's Mental Health*, 2008; 11(1): 19-26.
- 2007 Mann, J.R., McKeown, R.E., Bacon, J., Vesselinov, R., Bush, F., Religiosity, Spirituality and Depressive Symptoms in Pregnant Women, *International Journal of Psychiatry in Medicine*, 2007; 37(3): 301-13.
- 2007 Mann, J.R., McKeown, R.E., Bacon, J., Vesselinov, R., Bush, F., Are married/cohabiting women less likely to experience pregnancy loss. *Journal of the South Carolina Medical Association*, 2007 Dec; 103(9): 266-7.
- 2006 Deliyski, D., Shaw, H., Evans, M., Vesselinov, R., Regression Tree Approach to Studying Factors Influencing Acoustic Voice Analysis, *Folia Phoniatica et Logopaedica*, 58, 274-288.
- 2005 Fridriksson, J., Frank, E., Vesselinov, R., Utilization of Speech-Language Pathology and Audiology Services by Stroke Patients, *Journal of Medical Speech-Language Pathology*, Volume 13, Number 4, pp. 223-231.
- 2004 Vesselinov, R., Periodicity of Bulgarian Economy, *Statistika*, 1, 2004, Sofia, Bulgaria, 22-41.
- 2004 Appelbaum, P., Robbins, P., Vesselinov, R., Persistence and Stability of Delusions Over Time, *Comprehensive Psychiatry*, Vol. 45, No. 5, September/October 2004, 317-324.
- 2004 Banks, S., Robbins, P., Silver, E., Vesselinov, R., Steadman, H., Monahan, J., Mulvey, E., Appelbaum, P., Grisso, T., Roth, L., Multiple Models Approach to Violence Risk Assessment Among People with Mental Disorder, *Criminal Justice and Behavior*, Vol. 31, No 3, 324-340.
- 2003 Rain, S., Williams, V., Robbins, P., Monahan, J., Steadman, H., Vesselinov, R., Perceived Coercion at Hospital Admission and Adherence to Mental Health Treatment after Discharge, *Psychiatric Services*, 54, 103-105.
- 2001 Vesselinov, R., Business Cycle Forecasting, *Economic Thought*, Bulgarian Academy of Sciences, Sofia, Bulgaria, No. 1, 61-73.
- 2000 Vesselinov, R., Modeling of the Business Cycle, *Statistika*, National Statistical Institute, No. 6, Sofia, Bulgaria, 38-54.

- 2000 Grisso T., Davis, J., Vesselinov, R., Appelbaum, P., Monahan, J., Violent Thoughts and Violent Behavior Following Hospitalization for Mental Disorder, *Journal of Consulting and Clinical Psychology*, 68, 388-398.

BOOK CHAPTER

- 2000 Vesselinov, R., An Emerging Economic Factor, in Minchev, O., Ratchev, V., Lessenski, M., Editors, "Bulgaria for NATO 2002," IRIS, Sofia, Bulgaria, 61-70.

PAPERS IN PROGRESS

"Leading Business Cycle Indicators for Bulgaria."

"Sector Cycles and Periodicity."

"CART Models and Their Applications."

"Paths to Postpartum Depressive Symptoms in Women Living in the Southern United States," under review.

CURRENT RESEARCH SUPPORT

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|---------|---------|---------------------|--|
| 2007/12 | NIH R01 | Co-
Investigator | Efficacy of Laryngeal High-Speed Videoendoscopy, PI – Dr. D. Deliyski. |
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COMPLETED RESEARCH SUPPORT

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| 2006/8 | Natl. Institute of Justice (NIJ) | Statistical Consultant | Poly-Victimization History Among Girls Adjudicated Delinquent, PI – Dr. Dana DeHart. |
| 2007/8 | SC DNR | Co-PI | Statistical Support for SC DNR, PI – Dr. J. Grego, funded by SC Department of Natural Resources (DNR) |
| 2006/7 | NIH R21 | Statistical Consultant | Cortical Plasticity Following Hemispherectomy. The Effects of Intervention. PI – Dr. S. de Bode, USC. |
| 2006/7 | SC DoR | Co-PI | Statistical Analysis for SCBOS (South Carolina Business One Stop), Dept. of Revenue, PI – Dr. John Grego. |
| 2006/7 | SC DNR | Co-PI | Statistical Support for SC DNR, PI – Dr. J. Grego, funded by SC Department of Natural Resources (DNR) |
| 2006 | SC Bar | PI | Analysis of 2006 SC Bar Judicial Survey, SC Bar Assoc. |
| 2005 | SC EOC | PI | Statistical Analysis of the South Carolina Report Card Surveys, funded by SC Education Oversight Committee. |
| 2004/07 | SC DOT | Co-PI | SC Seat Belt Study, funded by SC Dept. of Transportation. |
| 2003/04 | NIJ | Statistical Consultant | Validating the Brief Jail Mental Health Screen, PRA, funded by NIJ. |
| 2003/04 | MacArthur Foundation | Statistical Consultant | Involuntary Outpatient Commitment, PRA, MacArthur Research Network on Mandated Community Treatment. |
| 2001/02 | OJJDP | Senior Stat. Analyst | Mental Health and Juvenile Justice, PRA, funded by the Office of Juvenile Justice and Delinquency Prevention. |

1999/03	NIH SBIR	Co-investigator	Violence Risk Assessment Software, PRA, funded by the National Institutes of Health (NIH) Small Business Innovation Research (SBIR), Phase I and II.
2000/02	CMHS	Senior Stat. Analyst	Project for Assistance in Transition from Homelessness, PRA, funded by the Center for Mental Health Services.
2000/02	SAMHSA	Senior Stat. Analyst	Women, Co-Occurring Disorders and Violence Study, PRA, funded by Substance Abuse and Mental Health Services Administration (SAMHSA).
1996/01	MacArthur Foundation	Senior Stat. Analyst	Violence Risk Assessment Study, PRA, funded by John D. and Catherine T. MacArthur Foundation.
1993/4	Fulbright	PI	Econometric Analysis and Forecasting, individual grant, Economics Department, Brown University, Providence, RI.
1992	European Community	PI	Analysis and Forecasting of the Business Cycle, grant, Dept of Econometrics at Erasmus University, Rotterdam, The Netherlands.
1990	The Swedish Institute	PI	Economic Growth and Forecasting, individual grant, Department of Statistics, Uppsala University, Sweden.

AD HOC REVIEWER

W.H. Freeman & Company, book reviews.

John Wiley & Sons, book reviews.

Criminal Justice and Behavior. An International Journal. Official Publication of the American Association for Correctional and Forensic Psychology.

Personality and Individual Differences, The Official Journal of the International Society for the Study of Individual Differences (ISSID), Elsevier.

Pearson/Addison Wesley, book reviews.

PAPERS AND PRESENTATIONS

- 2006 Frank, E., Fridriksson, J., Vesselinov, R., Utilization of Speech-Language Pathology & Audiology Services in Dementia. Abstracts: Convention of the American Speech-Language-Hearing Association, Miami Beach, FL, November 2006.
- 2004 Shaw, H., Evans, M., Deliyski, D., Vesselinov, R., Relative Importance of Factors that Impact Acoustic Voice Analysis. Abstracts: Convention of the American Speech-Language-Hearing Association, Philadelphia, Pennsylvania, November 2004.
- 2003 Economic Report, with Economics Group, annual edition, New York State Assembly, Ways and Means Committee, Albany, New York, 110 pages.
- 2003 Economic News, with Economics Group, weekly edition, New York State Assembly, Ways and Means Committee, Albany, New York, 6 pages.
- 1996 Vesselinov, R., N.A.P.M. Business Survey Data and Official Business Cycle Indicators. Presentation, Seminar on Time-Series Analysis, Economics Department, University at Albany.

PAPERS AND PRESENTATIONS - Continued

- 1995 Vesselinov, R., Bulgarian Economy in Transition: Analysis and Forecasting. Presentation at the Econometrics Seminar at Economics Department, University at Albany.
- 1992 Vesselinov, R., Statistical and Econometric Forecasting and Modeling Concerned with Bulgarian Business Cycle, Unemployment and Labor Market, Financial Indicators, ACE Project, European Community PHARE Program, Rotterdam, The Netherlands.
- 1991 Vesselinov, R., Trends and Regularities in the Economic Development of Bulgaria, Bulgarian Quarterly, Autumn, 1991, 85-101.
- 1990 Stoikova, A., Kanaliev, T., Vesselinov, R., Validity of Statistical Information, research project, funded by the Central Statistical Office, Sofia, Bulgaria.
- 1989 Velichkova, N., Mishev, G., Vesselinov, R., Study of Income and Wages, research project, funded by the Central Statistical Office, Sofia, Bulgaria.
- 1989 Vesselinov, R., Problems of the New Quality of Growth and Welfare Improvement, National Conference on Economics, Sofia, Bulgaria, proceedings, 75-78.
- 1989 Vesselinov, R., Analysis of the Economic Growth - Econometric Aspects, Third Applied Seminar on Econometrics 1989 Spring, Sofia, Bulgaria.
- 1989 Vesselinov, R., Kolyovska, G., Methods for Short-Term Forecasting of International Market Prices, paper presented at the International Symposium on Applying Mathematical Methods and Computers in Forecasting, Varna, Bulgaria.
- 1988 Vesselinov, R., Graphic-Analytical Methods for Analysis of Multivariate Data. Conference on Problems of Statistical Analysis and Information, proceedings, Sofia, Bulgaria, 590-598.

STUDENTS SUPERVISION

- 2007/8 Ph.D. Thomas Canace, "The Valuation of Innovation. Evidence from the Asset Decapitalization – Redeployment Cycle" member of the dissertation committee.
- 2007/8 M.S. Deepa Wani, "Statistical Models for Spatial Thermal Data Collected at Jones Ecological Research Center," member of the thesis committee.
- 2007 M.S. Cassandra Bigini, "Statistical Models in Analyzing Mixing Characteristics of the Congaree River for the Saluda Hydroelectric Project," member of the thesis committee.
- 2006/7 Ph.D. Eugena K. Griffin, "The Psychometric Validation of the Racial Stress Coping Scale (RSCS) for Use Among African American Populations," member of the dissertation committee.
- 2006 M.S. Nitesh Dhingra, "Model Selection Issues with Generalized Autoregressive Conditional Heteroscedastic (GARCH) Models, member of the thesis committee.
- 2006 Ph.D. Caroliniana M. Sandifer, "The Economics of Virtualization," Moore School of Business, Economics Department, reader, comprehensive examination.
- 2005 M.A. Julie Royer, "Evaluation of Prophylactic versus Preemptive Approaches to Prevention of Cytomegalovirus (CMV) Disease in Liver Transplant Recipients," member of the thesis committee.
- 2005 Ph.D. Aureo Deo DeFreitas Jr., "The Effect of Complete Teacher Sequential Instruction Patterns, Teacher Delivery Style Behavior, and Student Attentiveness on Musician Evaluation of Teacher Effectiveness," member of the dissertation committee.

TEACHING EXPERIENCE

2009-	ECON 101	Introduction to Macroeconomics, Economics Dept., Queens College, CUNY.
2008-	ECON 206	Macroeconomic Analysis, Economics Department, Queens College, CUNY.
2008-	ECON 382	Introduction to Econometrics, Economics Department, Queens College, CUNY.
2006/08	STAT 720	Time Series Analysis, Statistics Department, University of South Carolina.
2006/08	STAT 700	Applied Statistics, Statistics Department, University of South Carolina.
2006/08	STAT J520	Forecasting and Time Series, Statistics Dept., University of South Carolina.
2004/08	STAT 515	Statistical Methods, Statistics Department, University of South Carolina.
June 2002	Statistics	Statistical Analysis of Sample Survey Data, visiting professor, Second International Summer School in Applied Statistics and Econometrics, Open Society Institute, Sozopol, Bulgaria.
June 2000	Econometrics	Time Series Analysis, visiting professor, First International Summer School in Applied Statistics and Econometrics, Open Society Institute, Sozopol, Bulgaria.
1986- 1992	Statistics and Econometrics	Statistical Methods, Econometrics, Economic Statistics, Statistical software and programming, Department of Statistics and Econometrics, University of Economics, Sofia, Bulgaria.

STATISTICAL CONSULTING

2003- 2008	Consulting more than 100 clients per year, including University of South Carolina faculty, Ph.D. and M.A. students, and external clients.
2007	Recipient of the Pamela W. Young Excellence Award, Univ. of South Carolina.

SOFTWARE EXPERTISE

Certification:	SAS Certified Programmer
Econometrics:	EViews, Gauss, LIMDEP, ITSM, Scilab
Statistics:	SAS, SPSS (inc. scripts), STATA, SUDAAN, LogXact, StatXact, Minitab, R, Matlab, HLM4, AMOS, Comprehensive Meta Analysis, Power and Precision, WinBUGS
Data Mining:	CART, RandomForest, Tiberius, AnswerTree, NeuroDimensions
Databases &GIS:	MS Access, Oracle, MySQL; ArcGIS, SpaceStat
Web:	Perseus Survey Solutions, MS FrontPage, Java Script, Netscape Composer

PROFESSIONAL AFFILIATIONS

The Econometric Society	American Statistical Association
American Economic Association	Royal Statistical Society
International Institute of Forecasters	Royal Economic Society