

SACHLAS P. ATHANASIOS

CURRICULUM VITAE

Personal Details:

Name: Sachlas Athanasios
Birthplace: Sparta, Greece
Date of Birth: 10th June 1979
E-mail: asachlas@unipi.gr, asachlas@uop.gr, asachlas@aueb.gr
Military service: Completed (Artillery, May 2009 – March 2010)
Marital Status: Married

Academic Education:

2004 - 2010: Ph.D. in "Subjects on Statistical Information Theory and Actuarial Science" (Grade: Excellent) (Supervisor: Prof. T. Papaioannou), Department of Statistics and Insurance Science, University of Piraeus.

Note: Military service from May 2009 until March 2010

2002 - 2004: M.Sc. in Applied Statistics, Specialization in Biostatistics and Statistical Quality Control, Department of Statistics and Insurance Science, University of Piraeus (Graduation grade: 8.01). Title: "Graduation of Mortality Tables" (Supervisor: Prof. T. Papaioannou).

1997 - 2001: B.Sc. in Statistics and Insurance Science, University of Piraeus (Graduation grade: 7.55)

Postdoctoral research:

2016 – 2018: Postdoctoral Research on: "Stochastic Models of Multivariable Statistical Process Control for Medical Processes and Healthcare Provision Processes" (Supervisor: Professor Stelios Psarakis), Department of Statistics, Athens University of Economics and Business.

2014 - 2015: Postdoctoral Research on "Advanced Stochastic Models of Multivariable Statistical Process Control for Non-Industrial Processes" (Supervisor: Assist. Professor Sotiris Bersimis), Department of Statistics and Insurance Science, University of Piraeus. Supported by the General Secretariat for Research and Technology, Action 'ARISTEIA II'.

Foreign Languages:

English: Certificate in Advanced English

Seminars:

Questionnaire Design for Social Surveys (October 2014 - November 2014)

A 6 weeks e-learning program on the questionnaire design for social studies (University of Michigan).

Reproducible Research (August 2014 - September 2014)

A 4 weeks e-learning program on the tools used to reproduce research (Johns Hopkins University, Bloomberg School of Public Health).

Epidemiology: The Basic Science of Public Health (February 2014 - March 2014)

A 6 weeks e-learning program on a basic understanding of Epidemiology (University of North Carolina).

Understanding Research: An Overview for Health Professionals (January 2014 - March 2014)

A 6 weeks e-learning program on methodology of research in health sciences (University of California).

Fundamentals of Clinical Trials (October 2013 - January 2014)

A 12 weeks e-learning program on the scientific, statistical and ethical aspects of clinical trials (Harvard Medical School).

Writing in the Sciences (September 2013 - November 2013)

An 8 weeks e-learning program on the effective writing of scientific work (Stanford University).

Teaching with Moodle: An Introduction (September 2013)

A 4 weeks e-learning program on the use of e-learning Moodle platform (Moodle).

Computer Knowledge:

Operating Systems:	Windows
Tools:	Microsoft Office (MOS)
Statistical Packages:	SPSS, SAS, S-PLUS, Minitab, Statgraphics
Mathematical Packages:	Mathematica, Maple, R
Platforms E-learning:	Moodle (Learn Moodle completer 2013)
Other:	LaTeX

Teaching experience:

A. After completing Ph.D.

October 2017 – February 2018 (winter semester): Teaching as University Scholar the course "Biostatistics II" (7th semester), Department of Statistics, Athens University of Economics and Business.

February 2017 - August 2017 (spring semester): Teaching as University Scholar the course "Biostatistics" (6th semester), Department of Statistics and Insurance Science, University of Piraeus.

October 2016 - February 2017 (winter semester): Lecturer (PD 407/80) in the course "Analysis of Variance and Design of Experiments" (5th semester), Department of Statistics, Athens University of Economics and Business.

October 2016 - February 2017 (winter semester): Teaching Fellow in the course "Biostatistics I», Postgraduate Programme «Clinical and Pediatric Nursing Research" School of Medicine, National University of Athens and the Nursing Department of Athens TEI.

October 2016 - February 2017 (winter semester): Laboratory Instructor in the courses "Biostatistics and Statistical Methods in Epidemiology" and "Statistical Quality Control», Postgraduate Programme "Applied Statistics", Department of Statistics and Insurance Science, University of Piraeus.

March 2015 - August 2016 (spring semester): Laboratory Instructor in the course "Survival Analysis", Postgraduate Programme "Applied Statistics", Department of Statistics and Insurance Science, University of Piraeus.

October 2015 - February 2016 (winter semester): Laboratory Instructor in the course "Clinical Trials", Postgraduate Programme "Applied Statistics", Department of Statistics and Insurance Science, University of Piraeus.

October 2015 - February 2016 (winter semester): Teaching Fellow in the course "Research Methodology & Statistics", Postgraduate Programme "Health Care Management and Crisis Management", Department of Nursing, University of Peloponnese.

September 2015 - February 2016 (winter semester): Teaching of the course "Biostatistics" (1st semester), Department of Nursing, University of Peloponnese.

October 2014 - February 2015 (winter semester): Teaching of the course "Biostatistics" (1st semester), Department of Nursing, University of Peloponnese.

October 2014 - February 2015 (winter semester): Laboratory Instructor in the courses "Biostatistics and Statistical Methods in Epidemiology" and "Statistical Quality Control", Postgraduate Programme "Applied Statistics", Department of Statistics and Insurance Science, University of Piraeus.

October 2013 - February 2014 (winter semester): Teaching the course "Biostatistics" (1st semester), Department of Nursing, University of Peloponnese.

March 2013 - August 2013 (spring semester): Laboratory Instructor in the course "discrete data analysis", Postgraduate Programme "Applied Statistics", Department of Statistics and Insurance Science, University of Piraeus.

October 2012 - February 2013 (winter semester): Laboratory Instructor in the course "Research Methodology & Statistics", Postgraduate Programme "Health Care Management and Crisis Management", Department of Nursing, University of Peloponnese.

September 2012 - February 2013 (winter semester): Laboratory Instructor in the course "Biostatistics and Statistical Methods in Epidemiology", Postgraduate Programme "Applied Statistics", Department of Statistics and Insurance Science, University of Piraeus.

November 2012 - February 2013 (winter semester): Lecturer (PD 407/80) Courses 'Biostatistics' (1st semester) and "Research Methodology" (3rd semester), Department of Nursing, University of Peloponnese. Teaching from October 2012 to February 2013.

March 2012 - August 2012 (spring semester): Laboratory Instructor in the course "Discrete Data Analysis", Postgraduate Programme "Applied Statistics", Department of Statistics and Insurance Science, University of Piraeus.

October 2011 - February 2012 (winter semester): Teaching Fellow in the course "Research Methodology & Statistics", Postgraduate Programme "Health Care Management and Crisis Management", Department of Nursing, University of Peloponnese.

December 2011 - February 2012 (winter semester): Lecturer (PD 407/80) in the course "Biostatistics" (1st semester), Department of Nursing, University of Peloponnese. Teaching from October 2011 to February 2012.

March 2011 - August 2011 (spring semester): Laboratory Instructor in the course "discrete data analysis", Postgraduate Programme "Applied Statistics", Department of Statistics and Insurance Science, University of Piraeus.

October 2010 - February 2011 (winter semester): Teaching Fellow in the course "Research Methodology & Statistics", Postgraduate Programme "Health Care Management and Crisis Management", Department of Nursing, University of Peloponnese.

September 2010 - February 2011 (winter semester): Lecturer (PD 407/80) in the course "Biostatistics" (1st semester), Department of Nursing, University of Peloponnese.

September 2010 - February 2011 (winter semester): Laboratory Instructor in the course "Biostatistics and Statistical Methods in Epidemiology", Postgraduate Programme "Applied Statistics", Department of Statistics and Insurance Science, University of Piraeus.

B. Before completing Ph.D

September 2009 - October 2009 (winter semester): Lecturer (PD 407/80) in the course "Biostatistics" (1st semester) and in the course "Special Topics in Statistics" (3rd semester), Department of Nursing, University of Peloponnese.

September 2008 - February 2009 (winter semester): Lecturer (PD 407/80) in the course "Biostatistics" (1st semester) of the Nursing Department at the University of Peloponnese.

October 2008 - February 2009 (winter semester): Teaching Assistant in the course "Computer Lab" (1st semester), Department of Statistics and Insurance Science, University of Piraeus, Lecturer: El. Kofidis.

October 2007 - February 2008 (winter semester): Teaching Assistant in the course "Computer Lab" (1st semester), Department of Statistics and Insurance Science, University of Piraeus, Lecturer: El. Kofidis.

October 2006 - February 2007 (winter semester): Teaching Assistant in the course "Computer Lab" (1st semester), Department of Statistics and Insurance Science, University of Piraeus, Lecturer: El. Kofidis.

Books:

Sachlas, A. and Bersimis, S. (2016). Applied Statistics, focus on health sciences, A. TZIOLAS & SONS SA., ISBN: 978-960-418-660-0, Eudoxus Code: 59397001.

Sachlas, A. and Bersimis, S. (2016). Applied Statistics using IBM SPSS Statistics: Focus on health sciences, A. TZIOLAS & SONS SA, ISBN: 978-960-418-637-2, Eudoxus Code: 59384961.

Bersimis, S., Chakraborti, S. and Sachlas, A. (2016). *Statistical Process Monitoring*, Under preparation.

Lecture Notes:

Analysis of Variance and Design of Experiments (2016). Short notes for students of the 5th semester at the department of Statistics, Athens University of Economics.

Introduction to Biostatistics (2015). Notes for students of the 1st semester of the Peloponnese University Nursing Department (in collaboration with Ass. Prof. S. Mpersimi).

Biostatistics in IBM SPSS Statistics 22 (2015). Notes for students of the 1st semester of the semester of Peloponnese University Nursing Department (in collaboration with Ass. Prof. S. Mpersimi).

Research Methodology and Statistics (2015). Notes for students of the 1st semester of Postgraduate Programme: "Health Care Management and Crisis Management" of the Peloponnese University Nursing Department (in collaboration with Ass. Prof. S. Mpersimi).

Research Methodology in Nursing Science (2014). Notes for students of 3rd semester of the Nursing Department at the University of Peloponnese.

Biostatistics and Statistical Methods in Epidemiology for health professionals (2013). Notes for students of the 6th semester of the University of Piraeus Statistics and Insurance Science Department (in collaboration with Ass. Prof. S. Mpersimi).

Work Experience:

November 2016 - October 2017 (in progress): Participation in "Education and study of diabetes," of the National University of Athens coordinator Associate Professor C. Makrylakis. My responsibility is to design and statistical data analysis as part of the research program.

March 2015 - September 2015: Participation in the European program «Jean Monnet Universities for EU (U4EU)» University of Piraeus with the scientific coordinator Assist. Prof. Fotini Asderaki. My responsibility was to collect and process data as part of the research program.

November 2010 - September 2011: Participation in two (2) training programs on "Basic Principles of Medical Statistics", which were organized by the University of Piraeus Research Center and the Medical Society of Athens. My responsibility was supportive teaching during programs and provide advice on methodological and statistical issues for participants in training programs.

November 2008 - April 2009: Participation in the training course "Basic Principles of Medical Statistics", which was organized by the University of Piraeus Research Center and the Medical Society of Athens. My responsibility was supportive teaching during the program and provide advice on methodological and statistical analysis, to the participants in a training program.

June 2008 - October 2008: Participation in the training program "Medical Statistics with Emphasis on Neuro-psychiatric Data Analysis", organized by the University of Piraeus Research Center and the Medical Society of Athens. My responsibility was supportive teaching during the program and provide advice on methodological and statistical analysis, to the participants in a training program.

November 2007 - November 2008: Participation in the training course "Basic Principles of Medical Statistics", which was organized by the University of Piraeus Research Center and the Medical Society of Athens. My responsibility was supportive teaching during the program and provide advice on methodological and statistical analysis, to the participants in a training program.

September 2005: Member of the research group in quantitative study, carried out by the company "Inventive S.A." on behalf of the Greek Association science / Computer Engineering and Informatics, under the "ASPIS project." My responsibility was the organization, conducting the statistical analysis of the study and the writing of the final report.

2002 - 2010: Corrector of written exams of insurance intermediaries Ministry of Development

Scientific / Research Interests:

Biostatistics

Clinical Trials

Statistical Process Control

Statistical Information Theory

Development of Statistical Models

Theory of research

Applied research

Demography

Research Methodology

Publications:

Publications in International Scientific Journals of Statistics / Volumes (38):

Statistics (8):

S10. Bersimis, S., **Sachlas, A.** and Chakraborti, S. (2017). A Sequential Test for Assessing Agreement Between Raters, *Biometrical Journal*, Accepted for publication.

S9. Bersimis, S., **Sachlas, A.** and Papaioannou, T. (2017). Monitoring Phase II Comparative Clinical Trials with Two Endpoints and Penalty for Adverse Events, *Methodology and Computing in Applied Probability*, DOI 10.1007/s11009-017-9582-3.

S8. Bersimis, S., Sachlas, A. and Sparks, R. (2017). Performance Monitoring and Competence Assessment in Health Services, *Methodology and Computing in Applied Probability*, DOI 10.1007/s11009-017-9563-6.

S7. Bersimis, S., **Sachlas, A.** and Castagliola, P. (2016). Controlling Bivariate Categorical Processes using Scan Rules, *Methodology and Computing in Applied Probability*, DOI 10.1007/s11009-016-9508-5.

S6. Bersimis, S., **Sachlas, A.** and Bagos, P. (2016). Discriminating Membrane Proteins Using the Joint Distribution of Length Sums of Success and Failure Runs, *Statistical Methods & Applications*, DOI 10.1007/s10260-016-0370-y.

S5. Bersimis, S., **Sachlas, A.** and Papaioannou, T. (2015). Flexible Designs for Phase II Comparative Clinical Trials Involving Two Response Variables, *Statistics in Medicine*, 34 (2), 197-214.

S4. **Sachlas, A. P.** and Papaioannou, T. (2014). Residual and past entropy in actuarial science and survival models, *Methodology and Computing in Applied Probability*, 16 (1), 79-99.

S3. **Sachlas, A. P.** and Papaioannou, T. (2011). Jensen's difference without probability vectors and actuarial applications, *Applied Mathematics & Information Sciences*, 5, 2, pp. 276-300.

S2. **Sachlas, A.** and Papaioannou, T. (2010). Divergences without probability vectors and their applications, *Applied Stochastic Models in Business and Industry*, 26, 448-472.

S1. **Sachlas, A. P.** and Papaioannou, T. (2010). On a minimization problem involving divergences and its applications, *Advances in Data Analysis: Theory and Applications to Reliability and Inference, Data Mining, Bioinformatics, Lifetime Data and Neural Networks*, 83 – 97, (C. H. Skiadas, Ed.), Birkhauser, Boston.

Statistical Analysis (28):

EY28. Labrinakou, S., Katsa, M.E., Zyga, S., Ioannidis, A., **Sachlas, A.**, Panoutsopoulos, G., Pistikou, A.M., Magana, M., Kougioumtzi Dimoligianni, D.E., Kolovos, P. and Rojas Gil, A.P. (2017). Correlations Between Nutrition Habits, Anxiety and Metabolic Parameters in Greek Healthy Adults, *GeNeDis 2016, Advances in Experimental Medicine and Biology* 987, (P. Vlamos, Ed.), DOI 10.1007/978-3-319-57379-3_3.

EY27. Kargakou, A., **Sachlas, A.**, Lyrakos, G., Zyga, S., Tsironi, M. and Rojas Gil, A.P. (2017). Does Health Perception, Dietary Habits and Lifestyle Effect Optimism? A Quantitative and Qualitative Study, *GeNeDis 2016, Advances in Experimental Medicine and Biology* 988, (P. Vlamos, Ed.), DOI 10.1007/978-3-319-56246-9_4.

EY26. Patra, P., Alikari, V., Fradelos, E., **Sachlas, A.**, Kourakos, M., Rojas Gil, A.P., Babatsikou, F. and Zyga, S. (2017). Assessment of Depression in Elderly. Is Perceived Social Support Related? A Nursing Home Study, *GeNeDis 2016, Advances in Experimental Medicine and Biology* 987, (P. Vlamos, Ed.), DOI 10.1007/978-3-319-57379-3_13.

EY25. Alikari, V., **Sachlas, A.**, Giatrakou, S., Stathoulis, J., Fradelos, E., Theofilou, P., Lavdaniti, M. and Zyga, S. (2017). Fatigue in Arthritis: A Multidimensional Phenomenon

with Impact on Quality of Life, *GeNeDis 2016, Advances in Experimental Medicine and Biology* 987, (P. Vlamos, Ed.), DOI 10.1007/978-3-319-57379-3_22.

EY24. Kamariannaki, D., Alikari, V., **Sachlas, A.**, Stathoulis, J., Fradelos, E.C. and Zyga, S. (2017). Construction and Motivations for the participation of nurses in continuing nursing education programs, *Archives of Hellenic Medicine*, 34 (2), 229-235.

EY23. Giatra, D., Prezerakos, P., **Sachlas, A.** and Tzavella, F. (2017). Construction and Validation of Citizens' Awareness on Homelessness Scale, *Archives of Hellenic Medicine*, Accepted for publication. (In Greek).

EY22. Ferentinou, E., Giannakopoulou, M., Prezerakos, P., **Sachlas, A.**, Theofilou, P. and Zyga, S. (2016). Measuring beliefs and satisfaction regarding nursing care among Greek patients on haemodialysis, *Journal of Behavioral Health*, 5 (3), 117-122.

EY21. Zyga, S., Mitrousi, S., Alikari, V., **Sachlas, A.**, Stathoulis, J., Fradelos, E.C., Panoutsopoulos, G. and Lavdaniti, M. (2016). Assessing factors that affect coping strategies among nursing personnel, *Materia Socio Medica*, 28 (2), 146-150.

EY20. Kolovos, P., Kaitelidou, D., Lemonidou, C., **Sachlas, A.**, and Sourtzi, P. (2016). Patients' perceptions and preferences of participation in nursing care, *Journal of Research in Nursing*, 21 (4), 290-303.

EY19. Theodoridou, E., Anagnostopoulos, F., **Sachlas, A.** and Niakas, D. (2016). Attachment in close relationships, infertility-related stress, and quality of life in infertile women, *Archives of Hellenic Medicine*, 33 (5), 645-655. (In Greek).

EY18. Alikari, V., Fradelos, E., **Sachlas, A.**, Panoutsopoulos, G., Lavdaniti, M., Palla, P., Lappa, T., Giatrakou, S., Stathoulis, J., Babatsikou, F. and Zyga, S (2016). Reliability and validity of the Greek version of "The Fatigue Assessment Scale", *Archives of Hellenic Medicine*, 33 (2), 231-238. (In Greek).

EY17. Zyga, S., Alikari, V., **Sachlas, A.**, Stathoulis, J., Aroni, A., Theofilou, P. and Panoutsopoulos, G. (2015). Management of Pain and Quality of Life in Patients with Chronic Kidney Disease Undergoing Hemodiaysis, *Pain Management Nursing*, 16 (5), 712-72.

EY16. Kargakou, A., **Sachlas, A.**, Lyrakos, G.N., Zyga, S., Tsironi, M. and Rojas Gil, A.P. (2015). Association Between Optimism, Dietary Habits, Lifestyle and General Health Self-assessment. A Pilot Study, *International Journal of Health and Psychology Research*, 1 (3), 13-28.

EY15. Zyga, S., Alikari, V., **Sachlas, A.**, Fradelos, E.C., Stathoulis, J., Panoutsopoulos, G., Georgopoulou, M., Theophilou, P. and Lavdaniti, M. (2015). Assessment of fatigue in end stage renal disease patients undergoing hemodialysis: prevalence and associated factors, *Medical Archives*, 69(6), 376-380.

EY14. Aspioti E., Tsironi M., Rohas Hil A.P., **Sachlas A.**, Alikari V., Zyga S. (2015). Recording and management of abdominal acute pain cases in the emergency department hospital of Peloponnese region. A case study, *Interscientific Health Care*, Vol 7, Issue3, 118-127.

EY13. Pistikou, A.M., Zyga, S., **Sachlas, A.**, Katsa, M.E., Daratsianou, M. and Rojas Gil, A.P. (2014). Determinative Factors of being an Effective Health-care Role Model, *International Journal Of Occupational Health and Public Health Nursing*, 1 (3), 3-14.

EY12. Barmpagianni, E., Travlos, A., Kalokairinou, A., **Sachlas, A.**, and Zyga, S. (2014). Predictors of Smoking and Alcohol Use Behaviour in Undergraduate Students: Application of the Theory of Planned Behaviour, *International Journal of Caring Sciences*, 7 (2), 477-487.

EY11. Moustou, A.E., Kakourou, T., Masouri, S., Alexopoulos, A., **Sachlas, A.**, and Antoniou, C. (2014). Childhood and adolescence psoriasis in Greece: a retrospective analysis of 842 patients, *International Journal of Dermatology*, 53, 1447-1453.

EY10. Kolovos, P., Kaitelidou, D., Lemonidou, C., **Sachlas, A.**, Zyga, S. and Sourtzi, P. (2015). Patient participation in hospital care: Nursing staffs' point of view, *International Journal of Nursing Practice*, 21 (3), 258-268.

EY9. Kolovos, P., Kaitelidou, D., Lemonidou, C., **Sachlas, A.**, and Sourtzi, P. (2015). Patient participation in decision - making during nursing care in Greece - A comparative study, *Nursing Forum*, 50 (3), 147-157.

EY8. Gratziou, Ch., Florou, A., Ischaki, E., Eleftheriou, K., **Sachlas, A.**, Bersimis, S. and Zakyntinos, S. (2014). Smoking Cessation Effectiveness in Smokers with COPD and Asthma under Real Life Conditions, *Respiratory Medicine*, 108 (4), 577-583.

EY7. Ferentinou, E., Prezerakos, P., Giannakopoulou, M., **Sachlas, A.**, Theofilou, P. and Ziga, S. (2014). Development and Psychometric Properties of a Satisfaction Questionnaire for Patients undergoing Hemodialysis, *Hellenic Journal of Nursing*, 53 (3), 276-288. (In Greek).

EY6. Theofilou, P., Aroni, A., Tsironi, M., **Sachlas, A.**, Alikari, V., Kolovos, P. and Zyga, S. (2014). Reliability of the Greek Version of "Pain Self-Efficacy Questionnaire" in Patients with Chronic Kidney Disease, *Hellenic Journal of Nursing*, 53 (2), 175-184. (In Greek).

EY5. Gkiouzeli, G., Tsironi, M., Katsaragakis, S., **Sachlas, A.**, and Zyga, S. (2013). Frequency of cranium-cerebral traumas in children. Study at a hospital in the region during the period 2005-2010, *Interscientific Health Care*, Vol 5, Issue 3, 130-138.

EY4. Gkiouzeli, G., Tsironi, M., Katsaragakis, S., **Sachlas, A.**, Vasilopoulos, G. and Zyga, S. (2013). Traumatic brain injury in the prefecture of Laconia during the time period of 2005-2010, *Rostrum of Asclepius*, 12 (4), 441-458. (In Greek).

EY3. Gkiouzeli, G., Tsironi, M., Katsaragakis, S., **Sachlas, A.**, and Zyga, S. (2013). Recording and management of CCT in a public hospital in the region of Laconia in Greece, *International Journal of Caring Sciences*, 6(3), 431-438.

EY2. Bampagianni, E., Travlos, A., Kalokairinou, A., **Sachlas, A.**, and Zyga, S. (2013). Investigation of aggravating psychosocial factors on health and predictability of smoking and alcohol use in post adolescent students, *Health Psychology Research*, Vol 1, No 2, 64-68.

EY1. Kolovos, P., Kaitelidou, D., **Sachlas, A.**, Gouzou, M., Lemonidou, C. and Sourtzi, P. (2013). Information Giving to Patients From Nursing Staff, *Hellenic Journal of Nursing*, 52 (2), 199-214. (In Greek).

Submitted papers in International Journals under Revision(1):

YA2. Bersimis, S. and **Sachlas, A.** (2015). An One-Sided Procedure for Monitoring Variables Defined on Contingency Tables, Under revision.

Submitted papers in International Journals (2):

YE2. Katsa, M.E., Ioannidis, A., Zyga, S., Tsironi, M., Koutsovitis, P., Chatzipanagiotou, S., Panagiotakos, D., **Sachlas, A.**, Kolovos, P., Routsis, K., Pistikou, A.M., Kougioumtzi Dimoliani, D.E. and Rojas Gil, A.P. (2017). The effect of nutrition and sleep habits on predisposition for metabolic syndrome in Greek children, Submitted paper.

YE1. Alikari, V., **Sachlas, A.**, Giatrakou, S., Stathoulis, J. Fradelos, E., Theofilou, P., Lavdaniti, M., Tzavella, F. and Zyga, S. (2016). Fatigue in arthritis: a multidimensional phenomenon with impact on quality of life, Submitted paper.

Publications in International Scientific Conferences (5):

PDS5. **Sachlas, A.** and Papaioannou, T. (2010). Entropy under partial insurance coverage, Proceedings of the 6th Conference in Actuarial & Finance, Samos, Greece.

PDS4. **Sachlas, A.** and Papaioannou, T. (2009). On the Use of the Jensen Difference in Actuarial Science, Proceedings of the 5th Conference in Actuarial & Finance, Samos, Greece.

PDS3. **A. Sachlas**, T. Papaioannou and S. Bersimis (2007). Controlling Non-Normal Multivariate Processes using Information Theoretic Control Charts, Proceedings 8th Hellenic-European Conference on Computer Mathematics and its Applications, Athens, Greece.

PDS2. **Sachlas, A.** and Papaioannou, T. (2006). Graduating Mortality Rates via Divergences, Proceedings of the 4th Conference in Actuarial & Finance, Samos, Greece.

PDS1. Papaioannou, T. and **Sachlas, A.** (2004). Graduation of Mortality Tables Revisited, Proceedings of the 3rd Conference in Actuarial & Finance, Samos, Greece.

Publications in Scientific Conferences in Greece (6):

PPS6. **Sachlas, A.**, Bersimis, S. and Chakraborti, S. (2016). A sequential test for the assessment of the agreement among raters, Proceedings of 29th Panhellenic Conference of Statistics, Thessaloniki – Naousa.

PPS5. **Sachlas, A.**, Bersimis S. and Papaioannou, T. (2014). Extensions of the switching rules for comparative Phase II clinical trials using two response variables, Proceedings of 27th Panhellenic Conference of Statistics, Thessaloniki.

PPS4. **Sachlas, A.**, Bersimis S. and Papaioannou, T. (2013). Stopping Rules for multistage Comparative Phase II clinical trials using two Variable Response, Proceedings of the 26th National Conference of Statistics, experiments.

PPS3. **Sachlas, A.**, Bersimis S. and Papaioannou, T. (2012). Rules for switching multistage clinical trials Phase II, Proceedings of 25th National Conference of Statistics, 207-216, Bolos.

PPS2. **Sachlas, A.** and Papaioannou, T. (2008). Calculation of the entropy under inflation and cleavage from the top, 21th National Conference Proceedings Statistics 275-282, Samos.

PPS1. **Sachlas, A.** and Papaioannou, T. (2007). Smoothing mortality through measures deviation, 20th Panhellenic Statistics Conference Proceedings, 363-371, Cyprus.

Papers in preparation (2):

ΥΠ2. **Sachlas, A.**, Papaioannou, T. and Bersimis, S. (2016). Stopping rules for phase II clinical trials and patient monitoring: a review, Working paper.

ΥΠ1. **Sachlas, A.** and Bersimis, S. (2016). The use of stochastic models in health care provision, Working paper.

Presentations in international scientific conferences (41):

Statistics (20):

ADSS20. **Sachlas, A.**, Economou, P. and Bersimis, S. (2017). A new biosurveillance method based on convex hulls, 9th EMR-IBS and Italian Region conference (EMR-IBS), May 8 - 12, Thessaloniki, Greece.

ADSS19. Bersimis, S. and **Sachlas, A.** (2016). The Use of Stochastic Models in Health Care Provision, 16th Annual Conference of the European Network for Business and Industrial Statistics (ENBIS), September 11 - 15, Sheffield, UK. Presented by co-author.

ADSS18. Bersimis, S., **Sachlas, A.** and Sparks, R. (2016). Performance Monitoring and Competence Assessment in Health Services, International Symposium on Business and Industrial Statistics, June 8 - 10, Barcelona, Spain. Presented by co-author.

ADSS17. Bersimis, S., **Sachlas, A.** and Chakraborti, S. (2016). A Sequential Test for Assessing Agreement between Raters, 4rd Stochastic Modeling Techniques and Data Analysis International Conference, June 1 - 4, Valletta, Malta.

ADSS16. **Sachlas, A.** and Bersimis, S. (2015). Multiattribute Comparative Process Monitoring Techniques, 16th conference of ASMDA international society, June 30 - July 4, Piraeus, Greece.

ADSS15. **Sachlas, A.** and Bersimis, S. (2015). A Technique for Monitoring Bivariate Comparative Phase II Clinical Trials, 1st International Conference on Research in Health Care, June 7, Athens, Greece.

ADSS14. Bersimis, S. and **Sachlas, A.** (2014). Monitoring Bivariate Random Variables Defined on Contingency Tables, The Third International Conference on the Interface between Statistics and Engineering, December 15 - 17, Hong Kong. Presented by co-author.

ADSS13. **Sachlas, A.** and Bersimis, S. (2014). A Technique to Simultaneous Monitor Bivariate Random Variables Defined on Contingency Tables, 7th International Conference of the ERCIM WG on Computational and Methodological Statistics, December 6 - 8, Pisa, Italy.

ADSS12. Bersimis. S. and **Sachlas, A.** (2014). Monitoring Side Effects in Phase II Comparative Clinical Trials, 7th International Conference of the ERCIM WG on Computational and Methodological Statistics, December 6 - 8, Pisa, Italy. Presented by co-author.

ADSS11. **Sachlas, A.**, Bagos, P. and Bersimis. S. (2014). The Joint Distribution of Sums of Success and Failure Runs in a Sequence of Bernoulli Trials and Its Use for Discriminating Membrane Proteins, 3rd Stochastic Modeling Techniques and Data Analysis International Conference, June 11 - 14, Lisbon, Portugal.

ADSS10. Bersimis, S. and **Sachlas, A.** (2014). Monitoring Multivariate Non-Industrial Processes, 3rd Stochastic Modeling Techniques and Data Analysis International Conference, June 11 - 14, Lisbon, Portugal. Presented by co-author.

ADSS9. Bersimis. S., Papaioannou, T. and **Sachlas, A.** (2013). Some New Stopping Rules for Multi-Stage Phase II Comparative Clinical Trials Involving Two Dependent Response Variables, 15th Conference of the ASMDA International Society, June 25 - 28, Barcelona, Spain. Presented by co-author.

ADSS8. **Sachlas, A.**, Bersimis. S. and Papaioannou, T. (2012). Stopping Rules for Phase II Clinical Trials Based on Waiting Time Distributions, 2nd SMTDA 2012 International Conference, June 5 - 8, Chania, Greece.

ADSS7. **Sachlas, A.** and Papaioannou, T. (2010). Entropy under partial insurance, 6th Conference in Actuarial & Finance, June 3 - 6, Samos, Greece.

ADSS6. **Sachlas, A.** and Papaioannou, T. (2008). On the Use of the Jensen Difference in Actuarial Science, 5th Conference in Actuarial & Finance, September 4-7, Samos, Greece.

ADSS5. **A. Sachlas**, T. Papaioannou and S. Bersimis (2007). Controlling Non-Normal Multivariate Processes using Information Theoretic Control Charts, 8th Hellenic-European Conference on Computer Mathematics and its Applications, Athens, Greece, 2007.

ADSS4. **A. Sachlas** and T. Papaioannou (2007). Lagrangian Duality in Information or Divergence Theoretic Graduation, 11th International Congress on Insurance: Mathematics and Economics, Piraeus, Greece.

ADSS3. Papaioannou, T. and **Sachlas, A.** (2007). On a minimization problem involving divergences and its applications, 12th Applied Stochastic Models and Data Analysis (ASMDA 2007) International Conference, Chania, Crete. Presented by co-author.

ADSS2. **Sachlas, A.** and Papaioannou, T. (2006). Graduating Mortality Rates via Divergences, 4th Conference in Actuarial & Finance, Samos, Greece.

ADSS1. Papaioannou, T. and **Sachlas, A.** (2004). Graduation of Mortality Tables Revisited, 3rd Conference in Actuarial & Finance, Samos, Greece.

Statistical Analysis (21):

ADSA21. Liakopoulou, M., Sachlas, A., Rojas Gil, A.P. and Pavlerou, S. (2017). The effect of anxiety on the postoperative outcome in relation to demographic biochemical and hematological parameters, 8th Congress of the European Operating Room Nurses Association (EORNA), Rhodes, Greece. Presented by co-author.

ADSA20. Kargakou, A., **Sachlas, A.**, Kyrakos, G., Zyga, S., Tsironi, M. and Rojas Gil, A.P. (2016). Does health perception, dietary habits and lifestyle effect optimism? A quantitative and qualitative study, 2nd World Congress on Genetics, Geriatrics and Neurodegenerative Diseases Research (GeNeDis 2016), Sparta, Greece. Presented by co-author.

ADSA19. Katsa, M.E., Ioannidis, A., Zyga, S., **Sachlas, A.**, Tsironi, M. and Rojas Gil, A.P. (2016). Association of Fasting Triglycerides to High-Density Lipoprotein Ratio with Risk for Metabolic Disorders in Children, 55th Annual Meeting of the European Society

for Paediatric Endocrinology (ESPE 2016 Meeting), Paris, France. Presented by co-author.

ADSA18. Magana, M., Katsa, M.E., Ioannidis, A., Zyga, S., Tsironi, M., **Sachlas, A.**, Routsis, K., Dolianiti, L. and Rojas Gil, A.P. (2016). The Role of Apoptotic Marker Apo-1/Fas in the Metabolism and Endothelial Function of Healthy Children, 55th Annual Meeting of the European Society for Paediatric Endocrinology (ESPE 2016 Meeting), Paris, France. Presented by co-author.

ADSA17. Moustou, A.E., Masouri, S., **Sachlas, A.**, Vergou, T., Papoutsaki, M. and Antoniou, C. (2016). Treatment response to biologics agents is not influenced by metabolic syndrome, 13th EADV Spring Symposium, Athens, Greece. Presented by co-author.

ADSA16. Moustou, A.E., Vergou, T., Papoutsaki, M., Masouri, S., **Sachlas, A.** and Antoniou, C. (2016). Infliximab: reasons for discontinuation in psoriatic patients in an academic dermatology department, 13th EADV Spring Symposium, Athens, Greece. Presented by co-author.

ADSA15. Masouri, S., Moustou, A.E., **Sachlas, A.**, Bethimoutis, G. and Antoniou, C. (2016). Human leukocyte antigen Cw6 (HLACw6) does not predict treatment response to TNF- α inhibitors, 13th EADV Spring Symposium, Athens, Greece. Presented by co-author.

ADSA14. Moustou, A.E., Papoutsaki, M., Vergou, T., Masouri, S., **Sachlas, A.** and Antoniou, C. (2016). Infliximab: Adverse Events as Reason for Treatment Discontinuation, 5th Congress of the Psoriasis International Network (PSORIASIS 2016), Paris, France. Presented by co-author.

ADSA13. Masouri, S., Moustou, A.E., Papoutsaki, M., Stefanaki, I., **Sachlas, A.**, Vergou, T. and Antoniou, C. (2016). Treatment response to Biologics Agents in Psoriatic Patients with or not Psoriatic Arthritis, 5th Congress of the Psoriasis International Network (PSORIASIS 2016), Paris, France. Presented by co-author.

ADSA12. Katsa, M.E., Ioannidis, A., Zyga, S., Tsironi, M., Koutsovitis, P., **Sachlas, A.**, Kolovos, P., Magana, M., Daratsianou, M. and Rojas Gil, A.P. (2015). Uric Acid and

Triglycerides/HDL Ratio as a Predisposing Factor for Metabolic Syndrome in Children, 54th Annual Meeting of the European Society for Paediatric Endocrinology (ESPE 2015 Meeting), Barcelona, Spain. Presented by co-author.

ADSA11. Magana, M., Zyga, S., Ioannidis, A., **Sachlas, A.**, Katsa, M.E., Pisticou, A.M., Kougioumtzi-Dimoliani, D.E., Daratsianou, M., Kolovos, P. and Rojas Gil, A.P. (2015). Association of Sleep Habits and Risk Factors for Metabolic Disorders in Children, 54th Annual Meeting of the European Society for Paediatric Endocrinology (ESPE 2015 Meeting), Barcelona, Spain. Presented by co-author.

ADSA10. Daratsianou, M Ioannidis, A., Zyga, S., Koutsovitis, P., **Sachlas, A.**, Xrona, M., Batsikoura, M., Katsa, M.E., Magana, M., Andronikakis, E. and Rojas Gil, A.P. (2015). Lifestyle Habits and Arterial Hypertension in Children and Adolescents, 54th Annual Meeting of the European Society for Paediatric Endocrinology (ESPE 2015 Meeting), Barcelona, Spain. Presented by co-author.

ADSA9. Kargakou, A., **Sachlas, A.**, Lyrakos, G.N., Zyga, S., Tsironi, M. and Rojas Gil, A.P. (2015). The association between optimism, nutrition lifestyle and health self-assessment. A quantitative and qualitative study, 20th International Conference of the Association of Psychology and Psychiatry for Adults and Children (A.P.P.A.C.), Athens, Greece. Presented by co-author.

ADSA8. Katsa, M.E., Zyga, S., Tsironi, M., Ioannidis, A., **Sachlas, A.**, Kolovos, P., Magana, M., Pisticou, A.M., Kougioumtzi-Dimoliani, D.E., Rojas Gil, A.P. (2014). Association of lifestyle with metabolic syndrome in children, 53rd meeting of the European Society of Pediatric Endocrinology ESPE, Dublin, Ireland. Presented by co-author.

e-poster award

ADSA7. Katsa, M.E., Zyga, S., Ioannidis, A., Kolovos, P., Tsironi, M., Koutsovitis, P., **Sachlas, A.**, Pisticou, A.M., Kougioumtzi-Dimoliani, D.E., Malliarou, M. and Rojas Gil, A.P. (2014). Association of life style with metabolic syndrome in Greek children, 19th Congress of Balkan Military Medical Committee, May 7 - 10, Plovdiv, Bulgaria. Presented by co-author.

ADSA6. Pisticou, A.M., **Sachlas, A.**, Zyga, S., Daratsianou, M., Katsa, M.E., Malliarou, M. and Rojas Gil, A.P. (2014). Are health-care professionals effective as role models in Greece?, 19th Congress of Balkan Military Medical Committee, May 7 - 10, Plovdiv, Bulgaria. Presented by co-author.

ADSA5. Magana, M., Zyga, S., **Sachlas, A.**, Ioannidis, A., Tsironi, M., Daratsianou, M., Kougioumtzi-Dimoliani, D.E., Pisticou, A.M., Malliarou, M. and Rojas Gil, A.P. (2014). Metabolic disorders as an outcome of sleep deprivation, 19th Congress of Balkan Military Medical Committee, May 7 - 10, Plovdiv, Bulgaria. Presented by co-author.

ADSA4. Aroni, A., Tsironi, M., Theofilou, P., **Sachlas, A.** and Zyga, S., et al. (2013). Evaluation of pain self-efficacy and quality of life in patients with chronic kidney disease undergoing haemodialysis, 1st International Conference of Community & Public Health Nursing, November 14 - 16, Athens, Greece. Presented by co-author.

ADSA3. Bampagianni, E., Zyga, S., Kalokerinou, A., Travlos, A. and **Sachlas, A.** (2013). Research of psychological interventions to the detection and change of smoking and alcohol use in students, 1st International Conference of Community & Public Health Nursing, November 14 - 16, Athens, Greece. Presented by co-author.

ADSA2. Magana M., Routsis K., Ioannidis A., Zyga S., Tsironi M., Panoutsopoulos G., Kolovos P., Koutsovitis P., **Sachlas A.**, Pistikou A.M., Daratsianou M., Kougioumtzi D., Rojas Gil A.P. (2013). Association of sleep habits with metabolic disorders in children and adults, 1st International Conference of Community & Public Health Nursing, November 14 - 16, Athens, Greece. Presented by co-author.

ADSA1. A. Florou, K. Eleftheriou, G. Patentalakis, **A. Sachlas**, D. Michailidis, C. Gratziou (2011). Smoking cessation effectiveness in smokers with obstructive respiratory disease, ERS Annual Congress, September 24 - 28, Amsterdam, Netherlands. Presented by co-author.

Presentations in international workshops (2):

ADH2. **Sachlas, A.** (2009). On Jensen's difference and its applications, 1st Probability and Statistics Day: Information Theory, April 4th, 2009, Department of Mathematics and Statistics, University of Cyprus, Nicosia, Cyprus.

ADH1. **Sachlas, A.** and Papaioannou, T. (2008). On the Use of Information Theory in Actuarial Science, Epilogue of IME 2007, October 11, 2008, University of Piraeus, Greece.

Presentations of conferences in Greece (55):

Statistics (8):

APSS8. Bersimis, S., **Sachlas, A.** and Sparks, R. (2017). Παρακολούθηση και Αξιολόγηση της Απόδοσης στις Υπηρεσίες Υγείας, 30ο Πανελλήνιο Συνέδριο Στατιστικής, Pyla, Cyprus. Presented by co-author.

APSS7. **Sachlas, A.**, Bersimis, S. and Chakraborti, S. (2016). A Sequential Testing for Assessment Agreement between Raters, 29th National Conference of Statistics, Naoussa.

APSS6. **Sachlas, A.** and Bersimis, S. (2015). Simultaneous Monitoring of Bivariate Random Variables Defined on Contingency Tables, 28th National Conference of Statistics, Athens. The presentation was made in English.

APSS5. **Sachlas A.**, Bersimis, S. and Papaioannou, T. (2014). Extensions of stopping rules for Comparative Phase II clinical trials using two variables Response, 27th Panhellenic Statistics Conference, Thessaloniki.

APSS4. **Sachlas, A.**, Bersimis, S. and Papaioannou, T. (2013). Stopping Rules for multistage Clinical Trials Phase II with two variable response, the 26th National Conference of Statistics, experiments.

APSS3. **Sachlas, A.**, Bersimis, S. and Papaioannou, T. (2012). Stopping rules for multi Clinical Trials Phase IIA, 25th Panhellenic Statistics Conference, Volos.

APSS2. **Sachlas, A.** and Papaioannou, T. (2008). Entropy loss distributions under inflation and cleavage from the top, 21st National Statistics Conference, Samos.

APSS1. **Sachlas, A.** and Papaioannou, T. (2007). Smoothing mortality through measures deviation, 20th Panhellenic Statistics Conference, Nicosia, Cyprus.

Statistical Analysis (47):

APSA47. Paidaraki, Ch., Daratsianou, M., Panoutsopoulos, G., Baltopoulos, P., **Sachlas, A.** and Rojas Gil, A.P. (2017). The effect of lifestyle on the occurrence of hematological disorders in women in the prefecture of Chania and the prefecture of Laconia, 10th Panhellenic and 9th European Scientific & Professional Nursing Conference, Heraklion. Presented by co-author.

APSA46. Magana, M., Katsa, M.E., Ioannidis, A., Zyga, S., Tsironi, M., **Sachlas, A.**, Routsis, K., Dolianiti, L., Kolovos, P. and Rojas Gil, A.P. (2016). Association of the apoptotic marker Apo-1/Fas with metabolic disorders and endothelial function in childhood, 67th Panhellenic Conference of the Hellenic Society for Biochemistry and Molecular Biology, Ioannina. Presented by co-author.

APSA45. Anastasopoulou, II., Zyga, S., Tsironi, M., **Sachlas, A.**, And Rojas Hill, A. P. (2016). Investigation of attitudes and opinions of the Peloponnese University students against the abuse of women, 9th National Scientific and Professional Nursing Congress, Kalamata. Presented by co-author.

APSA44. Lambrinakou, S., Katsa, M.E., Paired, S., Ioannides, A., **Sachlas, A.**, And Rojas Hill, AP (2016). Correlation lifestyle with stress levels and thyroid function in health professionals, 9th National Scientific and Professional Nursing Congress, Kalamata. Presented by co-author.

APSA43. Daratsianou, M., Routsis, K., Batsikoura, M., Chrona, M., Zyga, S., **Sachlas, A.**, Andronikakis, E. And Rojas Hill, AP (2016). The role of dietary and sleeping in the

appearance of hypertension in children and adolescents, 9th National Scientific and Professional Nursing Congress, Kalamata. Presented by co-author.

APSA42. Goat, M.E., Ioannidis, A., Zyga, S., Koutsovitis, II., Kolovos, II., **Sachlas, A.**, Routsis, R. And Rojas Hill, AP (2016). Correlation of the pediatric metabolic syndrome with uric acid and therefore triglycerides / HDL, 43rd National Nursing Congress, Syrian. Presented by co-author.

APSA41. Paidaraki, X., Daratsianou, M., Panoutsopoulos, C., Baltopoulos, II., **Sachlas, A.**, And Rojas Hill, AP (2016). Correlation of biochemical markers of lifestyle in women of Crete and the Peloponnese, 43rd National Nursing Congress, Syros. Presented by co-author.

APSA40. Bampagianni, E., Gary, A., Samakouri, M., Arvanitis, A. And **Sachlas, A.**, (2016). Attitudes and family representations of mental illness in the prefecture of Laconia, 24th Panhellenic Psychiatric Conference, Alexandroupolis. Presented by co-author.

APSA39. Zagorianou, A., Kanellopoulou, A., Zyga, S., Tsironi, M **Sachlas, A.**, And Rojas Hill, AP (2016). The effect of sleep on developing emotional intelligence in children of primary school, 11th National Conference of Public Health & Health Services, Athens. Presented by co-author.

APSA38. Lambrinakis, S., Katsa, M.E., Zyga, S., Ioannides, A., **Sachlas, A.**, Panoutsopoulos, C., Magana, M., Daratsianou, M., Kouyioumtzis-Dimoliani, DE and Rojas Hill, AP (2016). Lifestyle and stress levels to healthcare professionals, the 11th National Conference of Public Health & Health Services, Athens. Presented by co-author.

APSA37. Asimakopoulou, T.E., Zyga, S., Tsironi, M., **Sachlas, A.**, Mouselli, C., Kallis, A. And Rojas Hill, A. P. (2016). Correlation of oral hygiene and lifestyle with the expression of factors that predispose to systemic diseases, the 11th National Conference of Public Health & Health Services, Athens. Presented by co-author.

APSA36. Katsa, M.E., Magana, M., Ioannides, A., Zyga, S., **Sachlas, A.**, Kolovos, II., Koutsovitis, II., Daratsianou, M., Kouyioumtzis-Dimoliani, Patent and Rojas Hill, AP

(2016). The role of sleep in childhood metabolic syndrome, 1st National Conference of Child & Adolescent Endocrinology, Athens. Presented by co-author.

APSA35. Katsa, M.E., Ioannidis, A., Zyga, S., Tsironi, M., Koutsovitis, II., Kolovos, II., **Sachlas, A.**, Routsis, K., Kargakou, R. And Rojas Hill, AP (2015). Uric acid and triglycerides reason / hdl as prognostikos factor in childhood metabolic syndrome, 42th National Conference Greek Endocrine Society, Thessaloniki. Presented by co-author.

APSA34. Daratsianou, M., Zyga, S., **Sachlas, A.**, Ioannides, A., Routsis, K., Batsikoura, M., Chrona, M., Katsa, M.E., Michopoulou, B., Andronikakis, R . and Rojas Hill, AP (2015). The effect of the way of life of children and adolescents students in arterial hypertension, 42th National Conference Greek Endocrine Society, Thessaloniki. Presented by co-author.

APSA33. Daratsianou, M., Batsikoura, M., Zyga, S., **Sachlas, A.**, Andronikakis, E. And Rojas Hill, AP (2015). The interaction of anxiety with the sleep habits in adolescents students, 8th National Scientific and Professional Nursing Conference, Thessaloniki. Presented by co-author.

APSA32. Andronikakis, E., Tsironi, M., Panoutsopoulos, C., Rojas Hill, AP, **Sachlas, A.**, Daratsianou, M. And Paired, S. (2015). The stress and the factors that affect the residents of Chania, 8th National Scientific and Professional Nursing Conference, Thessaloniki. Presented by co-author.

APSA31. Katsa, M.E., Routsis, K., Zyga, S., Ioannides, A., **Sachlas, A.**, And Rojas Hill, AP (2015). The reason triglycerides / hdl as a prognostic factor in childhood metabolic syndrome, 8th National Scientific and Professional Nursing Conference, Thessaloniki. Presented by co-author.

APSA30. Andronikakis, E., Tsironi, M., Panoutsopoulos, C., **Sachlas, A.**, Rojas Hill, AP, Daratsianou, M., Andronikaki, B. And Paired, S. (2015). Evaluation of stress residents of Law. Laconia and factors that affect, 42th National Nursing Congress, Alexandroupolis. Presented by co-author.

APSA29. Bampagianni, E., Gary, A., Samakouri, M., Arvanitis, A. And **Sachlas, A.** (2015). Family representations of mental illness in Laconia: schizophrenia and

depression, 5th Panhellenic Psychiatric Conference on Primary Health Care, Nafplion. Presented by co-author.

APSA28. Kargakoy, A., **Sachlas, A.**, Lyrakos, G.N., Zyga, P., Tsironi, M. and Rojas Hill, A.P. (2014). Cross-correlation of optimism, health, alimentary habits and way of life, 5th Pan-Hellenic Psychiatric Congress in the First degree Care of Health, Nauplium. It was presented by collaborator.

Oral announcement award

APSA27. Mpatsikoyra, M., Katsa, M.E., Zyga, P., Tsironi, M., **Sachlas, A.**, Basilopoylos, V., Eystratiou, I., Charonis, G., Choyrdaki, A., Petseli, M.D. and Rojas Hill A.P. (2014). His Relation Stresses of also Arterial Pressure of Adolescents of Students of Lyceum with the Diet, the sleep and the Natural Exercise, 2nd Congress of Mental Health in the First degree Care of Health, Athens. Greece It was presented by collaborator.

Oral announcement award

APSA26. Mpampagianni, E., Gkari, A., Samakoyri, M., Arbaniti, A. and **Sachlas, A.** (2014). Investigation of Representations for the Mental Illness of Families Healthy and Asthenoynton in the Prefecture Lakonia, 12th Polythematiko Medical Congress Lakonia, Sparta. It was presented by collaborator.

APSA25. Kargakoy, A., **Sachlas, A.**, Lyrakos, G.N., Zyga, P., Tsironi, M. and Rojas Hill, A.P. (2014). Health and Optimism: The role of Alimentary Habits and the Way of Life, 12th Polythematiko Medical Congress Lakonia, Sparta. It was presented by collaborator.

APSA24. Katsa, M.E., Roytsi, Mr, Ioannidis, A., Zyga, P., **Sachlas, A.**, Maggana, M., Daratsianoy, M., Pistikoy, A.M. and Rojas Km, A.P. (2014). Cross-correlation of Oyrkoy of Acid with Factors of Danger for Children's Metabolic Syndrome, 12th Polythematiko Medical Congress Lakonia, Sparta. It was presented by collaborator.

APSA23. Andronikakis, E., Tsironi, M., Panoytsopoylos, G., **Sachlas, A.**, Rojas Hill, A.P., Daratsianoy, M., Michopoyloy, V. and Zyga, P. (2014). Evaluation and Cross-correlation of Socio-economic Factors and Agchodoys of Disposal in the General Population of Prefecture Chantias and Prefecture Lakonia, 12th Polythematiko Medical Congress Lakonia, Sparta. It was presented by collaborator.

APSA22. Mparmpagianni, E., Kalokairinou, A., **Sachlas, A.** and Zyga, P. (2014). The preventive Medicine in the Use of Legal Substances in the Juvenile Population: Original research in sample of students, 12th Polythematiko Medical Congress Lakonia, Sparta. It was presented by collaborator.

APSA21. Aspioti, E., Tsironi, M., Rojas, A.P., Ferentinoy, E., **Sachlas, A.** and Zyga, P. (2014). Management of Acid of Abdominal Ache in the Department of Urgent Incidents of General Hospital Lakonia – Nursing Unit Sparta for the Year 2012, 12th Polythematiko Medical Congress Lakonia, Sparta. It was presented by collaborator.

APSA20. Katsa, M.E., Pistikoy, A.M. , Zyga, P., Tsironi, M., Ioannidis, A., **Sachlas, A.**, Kolobos, P., Daratsianoy, M., Maggana, M., Koygiomytzi – Dimoliani, D.E., Rojas Hill, A.P. (2014). The effect of sleep in the children's metabolic syndrome, 41st Pan-Hellenic Nursing Congress ESNE, Peninsula, Crete. It was presented by collaborator.

The work was rewarded as better oral anakoinosi
APSA19. Eystratioy, I., Zacharopoyloy, F., Zyga, P., Tsironi, M., Mpatsikoyra, M., Katsa, M.E., **Sachlas, A.**, Rojas Hill, A.P. (2014). Factors that influence the decision on statement of donation of marrow of bones, 41st Pan-Hellenic Nursing Congress ESNE, Peninsula, Crete. It was presented by collaborator.

APSA18. Pistikoy, A.M. , Koygiomytzi – Dimoliani, D.E., Maggana, M., Andronikakis, E., **Sachlas, A.**, Zyga, P., Rojas Hill, A.P. (2014). Bioithiki dimension of genetics: Knowledge, perceptions and attitudes of students and professionals of health, 41st Pan-Hellenic Nursing Congress ESNE, Peninsula, Crete. It was presented by collaborator.

APSA17. Daratsianou, M., Magana, M., Pistikoy, A.M., Kouyioumtzis - Dimoliani, DE, **Sachlas, A.**, Ioannides, A., Kolovos, II., Zyga, S., Tsironi, M. , Rojas Hill, AP (2014). The role of sleep in appearance hematological disorders, 41st National Nursing Congress ESNE, Hersonissos, Crete. Presented by co-author.

APSA16. Katsa, M.E., Pistikoy, A.M., Zyga, S., Tsironi, M., Ioannides, A., **Sachlas, A.**, Kolovos, II., Koutsovitis, II., Kouyioumtzis - Dimoliani, D. E., Rojas Hill, AP (2014). The role of nutrition in childhood onset of metabolic syndrome, 41st National Nursing Congress ESNE, Hersonissos, Crete. Presented by co-author.

APSA15. Kargakou, K., **Sachlas, A.,** A., Zyga Paired, S., Tsironi, M., Lyraki, C., Rojas Hill, AP (2014). Pilot study investigating the relationship of optimism predisposition to eating habits and self-perception of physical health, 41st National Nursing Congress ESNE, Hersonissos, Crete. Presented by co-author

APSA14. Batsikoura, M., Petseli, MD, Zyga, S., Tsironi, M., **Sachlas, A.,** Eustratios, I., Katsa, M.E., Vasilopoulos, B., Rojas Hill, AP . (2014). Study the relationship between diet and stress level in high school students, the 41st National Nursing Congress ESNE, Hersonissos, Crete. Presented by co-author.

APSA13. Daratsianou, M., Pistikoy, A.M., **Sachlas,, A.,** Zyga, S., Katsa, M.E., Andronikakis, E., Kouyioumtzis - Dimoliani, DE, Rojas Hill, AP (2014). Are health professionals an efficient health model in Greece? Quantitative and qualitative study, 41st National Nursing Congress ESNE, Hersonissos, Crete. Presented by co-author.

APSA12. ARONI, A., Theophilus, II., Korolessi, A., Ralli, M., **Sachlas,, A.,** Beams, S. (2014). Psychometric properties of the questionnaires Missoula-Vitas of Life Index (MVQOLI) and Pain Self-Efficacy Questionnaire (PSEQ) in patients on chronic hemodialysis, 11th National Congress of Nephrology Nurse, Portaria. Presented by co-author.

APSA11. Katsa, M.E., Zyga, S., Tsironi, M., Ioannides, A., **Sachlas,, A.,** Kolovos, II., Daratsianou, M., Pistikoy, A.M., Rojas Hill, AP . (2014). Children metabolic syndrome and lifestyle, 41st National Endocrinology Congress, Porto Heli, Argolida. Presented by co-author.

APSA10. Batsikoura, M., Charonis, C., Zyga, S., Tsironi, M., **Sachlas,, A.,** Eustratios, I., Katsa, M.E., Chourdaki, A., Tsompanoglou, K., Vasilopoulos, B ., Rojas Hill, AP (2014). The relationship of anxiety adolescent high school students sleep, diet and physical exercise, the 10th National Conference of Public Health & Health Services, Athens. Presented by co-author.

APSA9. Katsa, M.E., Zyga, S., Tsironi, M., Ioannides, A., **Sachlas,, A.,** Kolovos, II., CONF, A.M., Kouyioumtzis - Dimoliani, DE, Rojas Hill , AP (2014). Effect of dietary habits in the metabolic syndrome, the 10th National Conference of Public Health & Health Services, Athens. Presented by co-author.

APSA8. Katsa, M.E., Zyga, S., Tsironi, M., Ioannides, A., **Sachlas, A.**, Kolovos, II., Daratsianou, M., Pistikoy, A.M., Maganna, M., Rojas Hill, AP (2014). The role of sleep in the metabolic syndrome, the 10th National Conference of Public Health & Health Services, Athens. Presented by co-author.

APSA7. Katsa, M.E., Ioannidis, A., Zyga, S., **Sachlas, A.**, Pistikoy, A.M., Rojas-Hill, AP (2014). The effect of dietary habits in childhood metabolic syndrome, 10th Panhellenic Medical Congress on Obesity, Athens. Presented by co-author.

APSA6. Bampagianni, E., Kalokairinou, A., Traulos, A. K., **Sachlas, A.**, Zyga, S. (2013). Study of psychological factors of tobacco use and alcohol use in young people: preventing cardiovascular disease, 6th Cardiometabolic Risk Factors, Kalamata. Presented by co-author.

APSA5. Bampagianni, E., Traulos, A. K., Kalokairinou, A., **Sachlas, A.**, Zyga, S. (2012). Investigation of predictability tobacco use and alcohol according to the theory of elective behavior in post-teenage students, services of sport, 13th Congress of Sports & Leisure Management, Sparta. Presented by co-author.

APSA4. Kolovos, P., Kaitelidou, D., Lemonidou, X., **Sachlas, A.**, Sourtzi, P. (2012). Comparative study of elderly patients and nurses to assess the level of participation in care, the 12th National Congress of Gerontology Geriatrics, Athens. Presented by co-author.

APSA3. Kolovos, P., Kaitelidou, D., Lemonidou, X., **Sachlas, A.**, Sourtzi, P. (2012). Evaluation of the role of the elderly patient in decision making during hospitalization, the 12th National Congress of Gerontology Geriatrics, Athens. Poster.

APSA2. Gkiouzeli, G., Tsironi, M., Katsaragakis, S., **Sachlas, A.**, Zyga, S. (2012). Recording and management traumatic brain injury in Laconia during the period 2005-2010, 10th Multithematic Medical Conference Laconia, Sparta. Presented by co-author.

APSA1. Kolovos, P., Kaitelidou, D., Lemonidou, X., **Sachlas, A.**, Sourtzi, P. (2012). Informing the patient from the nursing staff, the 39th National Nursing Congress, Volos. Presented by co-author.

Reviewer in scientific journals:

Reviewer in international journals

1. International Journal of Applied Mathematics and Statistics (IJAMAS)
2. Quality Technology and Quantitative Management (QTQM)
3. Open Journal of Statistics
4. Computers & Industrial Engineering
5. Health Psychology Research

Reviewer in international scientific conferences

1. 7th International Meeting on Computational Intelligence Methods for Bioinformatics and Biostatistics (CIBB 2010)

Reviewer in scientific conferences in Greece

1. Conference on Statistics in Greece

Στατιστικός σύμβουλος σε επιστημονικά περιοδικά:

1. Health and Research
2. Health Psychology Research

Awards / Scholarships:

1. Oral announcement award, 5th Panhellenic Psychiatric Conference on Primary Health Care, Nafplio (2014).
2. Oral announcement award, 2nd National Conference of Mental Health in Primary Health Care, Athens (2014).

3. Oral announcement award, 41st National Nursing Congress ESNE, Hersonissos, Crete, Greece (2014).
4. E-poster award, 53rd Meeting of the European Society of Pediatric Endocrinology ESPE, Dublin, Ireland (2014).
5. Scholarship by the Postgraduate Program in Applied Statistics University of Piraeus for the third best performance (2004).

Member of Scientific Unions:

Greek Statistical Institute (since 2006)

Other activities:

Member of the development and management team of the educational portal of Biostatistics, Learn-Biostatistics.gr for health professionals (www.learn-biostatistics.gr).

"Learn-Biostatistics.gr" is an innovative educational tool for health professionals. It aims to provide educational material, easily understood, on the Biostatistics. The educational materials does not require specialized mathematical knowledge. The use of teaching materials is FREE.