

# UNIVERSITY of THESSALY SCHOOL OF PHYSICAL EDUCATION & SPORT SCIENCE DEPARTMENT OF PHYSICAL EDUCATION & SPORT SCIENCE



### Alexandra Bekiari

Items	Number
Books	4
Book Chapters	
Articles in International Peer-Reviewed Journals Indexed in Bibliographical Databases (e.g. SPORTDISCUS)	65
Articles in Journals not Indexed in Bibliographical Databases	25
Refereed International Conference Presentations	82
Invited Presentations	>8
Harzing's PorP/Scopus Citation Index (including self-citations)	>900
Harzing's PorP/Scopus h-index	20
Involved in Successful Grant Applications	

#### 1 EDUCATION

- Phd: University of Ioannina, Department of Early Childhood Education (2003)
- BSc: University of Athens, Department of Physical Education & Sport Science (1988)

#### 2 EMPLOYMENT HISTORY

- Assistant Professor of Pedagogy, Department of Physical Education and Sports, University of Thessaly (2012-present)
- Lecturer of Pedagogy, Department of Physical Education and Sports, University of Thessaly (2006-2012)
- Secondment at Department of Physical Education and Sports, University of Thessaly (2003-2006)
- Temporary instructor at Department of Physical Education and Sports, University of Thessaly (being on sabbatical financed by the Ministry of Education for carrying out doctoral research) (2000-2003)
- Appointed as a teacher at primary school (1995-2000)
- Adjunct teacher at primary and secondary school (1988-1995)

#### 3 ACADEMIC & SCIENTIFIC EXPERIENCE

#### 3.1 Undergraduate Teaching

- 1. Department of Physical Education and Sports, University of Thessaly, courses: "Sociology of education and pedagogic practices", "Sport Pedagogy II", "History of Education and Pedagogy", "History of Physical Education and Sport" (2011-present)
- 2. Department of Physical Education and Sports, University of Thessaly, courses: "Pedagogy Introduction", "History of Pedagogical Ideas", "Sport Pedagogy", "Sociology", "History of Physical Education and Sport" (2006-2011)

#### 3.2 Postgraduate Teaching

- 1. Inter-faculty Master Program on "Networks and Complexity", Aristotle University of Thessaloniki (2016-present)
- 2. Inter-faculty Master Program on "Exercise, Health and Life Quality", Democritus University of Thrace and University of Thessaly (2006-present)
- 3. Master Program on "Management of Educational Organizations", Department of Business Administration Technological Educational Institute of Thessaly (2018-present)
- 4. Inter-faculty Master Program on "Human Performance and Health", Aristotle University of Thessaloniki, Democritus University of Thrace and University of Thessaly (2006-2009)

#### 3.3 Supervision/Co-supervision of Doctoral Theses

#### 3.3.1 Completed

#### 3.3.2 In Progress

- 1. D. Theoharis principle supervisor
- 2. S. Deliliga principle supervisor
- 3. K. Spanou principle supervisor
- 4. M. Litsa principle supervisor
- 5. A. Matziouka supervisor

#### 3.4 Supervision/Co-supervision of Master's Dissertations

#### 3.4.1 Completed

- 1. I. Syrmpas (2008) principle supervisor
- 2. A. Anagnostou (2008) principle supervisor
- 3. M. Papageorgopoulou (2009) principle supervisor
- 4. A. Psofaki (2009) principle supervisor
- 5. G. Anastasiou (2015) supervisor
- 6. S. Spyropoulou (2016) principle supervisor

- 7. I. Tsiana (2016) principle supervisor
- 8. S. Nikolaidou (2016) principle supervisor
- 9. D. Petanidis (2017) principle supervisor
- 10. Th. Tsagopoulou (2017) principle supervisor
- 11. M. Pylarinou (2017) principle supervisor
- 12. A. Balla (2017) principle supervisor
- 13. K. Katsogiannos (2017) principle supervisor
- 14. L. Dervisi (2017) supervisor
- 15. A. Tsokas (2017) supervisor
- 16. E. Tonidis (2017) supervisor
- 17. S. Papavageli (2018) supervisor

#### 3.4.2 In Progress

- 1. B. Ntakou principle supervisor
- 2. P. Kalampoka principle supervisor
- 3. V. Pachi principle supervisor
- 4. V. Raggos principle supervisor
- 5. Ch. Chrysanthopoulos supervisor
- 6. V. Petkou supervisor
- 7. Th. Vakratsa supervisor
- 8. E. Velislav supervisor
- 9. A. Kaouri supervisor
- 10. D. lakovaki supervisor
- 11. E. Grivas supervisor

#### 3.5 Funding

#### 3.5.1 Competitive International

#### 3.5.2 Competitive National

Scientific supervisor in the project: "Verbal Aggressiveness, Bullying and Machiavellianism in University through Social Network Analysis" financed by the National State Scholarships, 2018. This research is co-financed by Greece and the European Union (European Social Fund- ESF) through the Operational Program "Human Resources Development, Education and Lifelong Learning" in the

context of the project "Strengthening Human Resources Research Potential via Doctorate Research" (MIS-5000432), implemented by the State Scholarships Foundation (IKY).

#### 3.5.3 Miscellaneous

Scientific supervisor in the Adult Education project: "Pedagogic approaches and implementation of didactical methods for graduates of Physical Education and Sport Science" organized by Thessaly University 31/5/2011 (duration: 300 hours)

#### 3.6 Participation in International Scientific and Administrative Committees

#### 3.7 Membership in International Professional Organizations

#### 4 PUBLICATIONS

#### 4.1 Books

- 1. Bekiari, A. & Hasanagas, N. (2016). *Sociological insights in the education system: "Unlocking" the power relations*. Thessaloniki, Afoi Kyriakidi Editions (ISBN: 978-960-602-042-1)
- 2. Bekiari, A. & Hasanagas, N. (2016). "Educating" in physical education. Theoretical approaches and practical inquiries. Thessaloniki, Afoi Kyriakidi Editions (ISBN: 978-960-602-045-2)
- 3. Sakellariou, K. & Bekiari, A. (2001). Introduction in Pedagogy. Athens, LeaderBooks (ISBN: 960-7901-31-2)
- 4. Sakellariou, K. & Bekiari, A. (2002). Sport Pedagogy. Athens, LeaderBooks (ISBN: 960-7901-36-3)

#### 4.2 Book Chapters

## 4.3 Articles in International Peer-Reviewed Journals Indexed in Bibliographical Databases (e.g. SPORTDISCUS)

- 1. Bekiari, A., Deliligka, S., Vasilou, A., Hasanagas, N. (2019). Socio-educational determinants of "bad behavior" of students. A comparative analysis among primary, secondary and high school. *The International Journal of Learner Diversity and Identities (in press)*.
- 2. Spanou, K., Bekiari, A., Theocharis, D. (2019). Bullying and Machiavellianism in university through social network analysis. *Revista Internacional de Sociologia (in press*).
- 3. Deliligka, S., Syrmpas, I., Bekiari, A. (2019). The motivational climate in the PE context through the perspective of teachers and students. *The Physical Educator (in press)*.
- 4. Bekiari, A., Spanou, K. (2018). Machiavellianism in universities: Perceiving exploitation in student networks. *Social Networking*, 7(1), 19-31.
- 5. Syrmpas, I., Bekiari, A. (2018). Differences between leadership style and verbal aggressiveness profile of coaches and the satisfaction and goal orientation of young athletes. *Journal of Physical Education and Sport, 18*(2), 1008-1015.

- 6. Deliligka, S., Bekiari, A. (2018). Multi parametric analysis of aggressive communication and motivation climate in physical education. *Psychology*, *9*(2), 179-203.
- 7. Bekiari, A, Ntakou, V. (2018). Insights to argumentativeness in relation to leadership style and job satisfaction: using employees' sport organizations as an illustration. *Open Journal of Leadership,* 7(1), 1-18.
- 8. Theocharis, D., Bekiari, A. (2018). Dynamic analysis of verbal aggressiveness networks in school. *Open Journal of Social Sciences*, *6*(1), 14-28.
- 9. Hasanagas, N., Bekiari, A. (2017). Relation of attitudes toward environment and animals with social and criminal-aggressive profile of adult inmates in school classes of a correctional facility. *International Journal of Social Research*, 1-12.
- 10. Deliligka, S., Bekiari, A, Syrmpas, I. (2017). Verbal aggressiveness and argumentativeness in physical education: Perceptions of teachers and students in qualitative and quantitative exploration. *Psychology*, 8(11), 1693-1717.
- 11. Hasanagas, N., Bekiari, A., Vasilos, P. (2017). Friendliness to animals and verbal aggressiveness to people: Using prison inmates' education networks as an illustration. *Social Networking*, 6(3), 224-238.
- 12. Bekiari, A. (2017). Verbally aggressive instructors and Machiavellian students: Is the socio-communicative style an over-bridging? *Psychology*, 8(10), 1437-1454.
- 13. Theocharis, D., Bekiari, A. (2017). Applying social network indicators in the analysis of verbal aggressiveness at the school. *Journal of Computer and Communications*, *5*(7), 169-181.
- 14. Bekiari, A. (2017). Exploring relations between instructors' verbal aggressiveness and argumentativeness and students' fair play behaviors and Machiavellianism. *International Journal of Physical Education*, *54*(2), 26-39.
- 15. Hasanagas, N., Bekiari, A. (2017). An exploration of the relation between hunting and aggressiveness: Using inmates networks at prison secondary school as an illustration. *Social Networking*, *6*(1), 19-37.
- 16. Bekiari, A., Deliligka, S., Hasanagas, N. (2017). Analyzing networks of verbal aggressiveness and motivation. *Psychology*, *8*(3), 495-515.
- 17. Bekiari, A., Deliligka, S., Koustelios, A. (2017). Examining relations on aggressive communication in social networks. *Social Networking*, *6*(1), 38-52.
- 18. Theocharis, D., Bekiari, A. (2017). Applying social network indicators in the analysis of verbal aggressiveness at the school. *Journal of Computer and Communications*, *5*(7), 169-181.
- 19. Theoharis, D., Bekiari, A., Koustelios, A. (2017). Exploration of determinants of verbal aggressiveness and leadership through network analysis and conventional statistics: Using school class as an illustration. *Sociology Mind*, 7(2), 27-43.
- 20. Deliligka, S., Bekiari, A., Syrmpas, I. (2017). Verbal aggressiveness and argumentativeness in physical education: Perceptions of teachers and students in qualitative and quantitative exploration. *Psychology*, 8(11), 1693-1717.

- 21. Bekiari, A., Pachi, V. (2017). Insights into bullying and verbal aggressiveness through social network analysis. *Journal of Computer and Communications* 5(9), 79-101.
- 22. Bekiari, A., Nikolaidou, ZA., Hasanagas, N. (2017). Typology of motivation and aggression on the basis of social network variables: Examples of complementary and nested behavioral types through conventional statistics. *Social Networking* 6(2), 135-147.
- 23. Bekiari, A., Pachi, V., Hasanagas, N. (2017). Investigating bullying determinants and typologies with social network analysis. *Journal of Computer and Communications*, *5*(7), 11-27.
- 24. Bekiari, A., Pylarinou, M. (2017). Instructor argumentativeness and socio-communicative style and student discipline: Using physical education students' class as an illustration. *Open Journal of Social Sciences*, *5*(3), 122-136.
- 25. Bekiari, A., Balla, K. (2017). Instructors and students relations: Argumentativeness, leadership and goal orientations. *Open Journal of Social Sciences*, *5*(7), 128-143.
- 26. Litsa, M., Bekiari, A., Tsokalidou, P. (2017). Factors and parameters profile of language maintainance: research in families of Albanian descent. *Pedagogic Review* (orig. Greek) (in press)
- 27. Doumanis, A., Papadopoulou, E., Bekiari, A., & Hasanagas, N. (2017). Relation of polity and spatial environment: An example of applied role play in hypothetical issues of regional policy. *Regional Science Inquiry* (orig. Greek), *VIII*, 1, 45-49.
- 28. Bekiari, A., Spyropoulou, S. (2016). Exploration of verbal aggressiveness and interpersonal attraction through social network analysis: using university physical education class as an illustration. *Open Journal of Social Sciences*, 4(6), 145-155.
- 29. Bekiari, A. (2016). Insights into instructors' verbal aggressiveness and students' Machiavellianism through leadership style and motivational climate. *European Scientific Journal, 12,* 90-110.
- 30. Bekiari, A., Petanidis, D. (2016). Exploring teachers' verbal aggressiveness through interpersonal attraction and students' intrinsic motivation. *Open Journal of Social Sciences*, *4*(12), 72-85.
- 31. Bekiari, A., Tsiana, I. (2016). Exploring instructors' verbal aggressiveness and students' personal orientations and reasons of discipline in physical education class. *Advances in Physical Education*, 6(3), 158-168.
- 32. Bekiari, A. Tsaggopoulou, T. (2016). Verbal aggressiveness and affective learning in physical education. *Advances in Physical Education*, *6*(4), 406-418.
- 33. Syrmpas, I. & Bekiari, A. (2015). The Relationship between Perceived Physical Education Teacher's Verbal Aggressiveness and Argumentativeness with Students' Interpersonal Attraction. *Inquiries in Sport & Physical Education* (orig. Greek), *13*(2), 21-32.
- 34. Bekiari, A., & Hasanagas, N. (2016). Suggesting indicators of superficiality and purity in verbal aggressiveness. An application in adult education class networks of prisoners. *Open Journal of Social Sciences*, 4(3), 279-292.
- 35. Bekiari, A., & Manoli, P. (2016). EFL teacher verbal aggressiveness and argumentativeness and student socio-affective strategy use and affective learning: Exploring possible associations. *Journal of Teacher Education and Educators*, 5(2), 154-171.

- 36. Bekiari, A., & Digelidis, N. (2015). Measuring verbal aggressiveness in sport and education. *International Journal of Physical Education*, *4*, 12-21.
- 37. Bekiari, A., & Hasanagas, N. (2015). Verbal Aggressiveness Exploration through Complete Social Network Analysis: Using Physical Education Students' Class as an Illustration. *International Journal of Social Science Studies*, 3(3), 30-49.
- 38. Bekiari, A., Perkos, S. & Gerodimos, V. (2015). Verbal aggression in basketball: perceived coach use and athlete intrinsic and extrinsic motivation. *Journal of Physical Education and Sport*, 15(1), 96-102.
- 39. Hasanagas, N. & Bekiari, A. (2015). Depicting Determinants and Effects of Intimacy and Verbal Aggressiveness Target through Social Network Analysis. *Sociology Mind*, *5*(3), 162-175.
- 40. Manoli, P. & Bekiari, A. (2015). EFL teachers' verbal aggressiveness and students' intrinsic motivation and social-affective strategy use: investigating possible relations. *Advances in Research*, 5(6), 1-13.
- 41. Bekiari, A. & Syrmpas, I. (2015). The influence of motivational climate and coaches' verbal aggression on athletes' satisfaction. *British Journal of Education, Society & Behavioural Science, 9,* 318-329.
- 42. Deliliga, S., Bekiari, A., Taratori, E. (2015). Effective leadership and leadership practices in schools: A gender perspective. *Pedagogic Review* (orig. Greek), *60*(32), 29-47.
- 43. Syrmpas, I. & Bekiari, A. (2015). The Relationship between Perceived Physical Education Teacher's Verbal Aggressiveness and Argumentativeness with Students' Interpersonal Attraction. *Inquiries in Sport & Physical Education*, (orig. Greek), *13*(2), 21-32.
- 44. Bekiari, A. (2014). Verbal aggressiveness and leadership style of sport instructors and their relationship with athletes' intrinsic motivation. *Creative Education*, *5*(2), 114-121.
- 45. Bekiari, A. (2012). Perceptions of instructors' verbal aggressiveness and physical education students' affective learning. *Perceptual and Motor Skills*, *115*, 325-335.
- 46. Kritikos, A., Bekiari, A., Nikitaras, N., Famissis, K. & Sakellariou, K. (2009). Hippocrates' counseling with regard to physical exercise, gymnastics, dietetics and health. *Irish Journal of Medical Science*, 178, 377-383.
- 47. Bekiari A., Famissis K., Kritikos A., Nikitaras N., Kriemadis Th. (2009). The body and the soul in Homer, the Orphics, Heraclitus, Pythagoras and Socrates from the critical standpoint of philosophy and sports pedagogy. *Studies in Physical Culture and Tourism*, 16(2), 155-166.
- 48. Bekiari, A., Nikitaras, N., & Sakellariou, K. (2008). The body and soul according to Gregorius Palamas: where the source of evil lies. *Journal of Orthodox Christian Theology and Philosophy*, *5*(3).
- 49. Bekiari, A., Kritikos, A., Nikitaras, N., & Sakellariou, K. (2008). Physical Beauty in light of Xenophon's symposium relationship to sport pedagogy. *International Journal of Physical Education*, 45, 82-87.
- 50. Kritikos, A., Bekiari, A., Famissis, K., Nikitaras, N., & Sakellariou, K. (2008). Pindar: The hymnographer of sports education in ancient times and his relationship with the gods, the heroes and traditional theology. *Studies in Physical Culture and Tourism*, *15*(3), 177-186.

- 51. Nikitaras, N., Bekiari, A., Kritikos, A., & Skordilis, E. (2008). The value of physical activity and health in the Hippocratic Collection (*Corpus Hippocraticum*). *Italian Journal of Sport Sciences*, *1*, 82-87.
- 52. Kritikos, A., Bekiari, A., Famissis, K., Nikitaras, N., & Sakellariou, K. (2008). Asclepius the "Anax of Trikki" as a symbol of sports education. *Studies in Physical Culture and Tourism*, 15(2), 87-94.
- 53. Famissis, K., Bekiari, A., Kritikos, A., Nikitaras, N., & Syrmpas, I. (2008). The essence and the physiognomy of Homeric athletics and the ethics of athletics competitions in Homer. *Italian Journal of Sport Sciences*, *1*, 75-82.
- 54. Hassandra, M., Bekiari, A., & Sakellariou, K. (2007). Physical education teacher's verbal aggression and student's fair play behaviors. *The Physical Educator*, *64*(2), 94-101.
- 55. Bekiari, A., Kokaridas, D., & Sakellariou, K. (2006). Associations of students' self-report of their teacher's verbal aggression, intrinsic motivation, and perceptions of reasons for discipline in Greek physical education classes. *Psychological Reports*, *98*, 451-461.
- 56. Bekiari, A., Digelidis, N., & Sakellariou, K. (2006). Perceived verbal aggressiveness of coaches' in volleyball and basketball: A preliminary study. *Psychological Reports*, *103*, 526-530.
- 57. Bekiari, A., Patsiaouras, A., Kokaridas, D., & Sakellariou, K. (2006). The relationship between verbal aggressiveness and state anxiety in volleyball. *Perceptual and Motor Skills*, *99*, 630-634.
- 58. Bekiari, A. & Sakellariou, K. (2006). The formation of the human body according to Nyssa within contemporary perspectives in sport pedagogy. *Journal of Orthodox Christian Theology and Philosophy*.
- 59. Bekiari, A., Kokaridas, D., & Sakellariou, K. (2005). Verbal aggressiveness of physical education teachers and students' self-reports of behavior. *Psychological Reports*, *96*, 493-498.
- 60. Kokaridas, D., Bekiari, A., & Sakellariou, K. (2005). Students' goal orientations, perceived motivation climate and their relation with the selection of a specialty. *Journal of Human Movement Studies*, 48, 181-194.
- 61. Bekiari, A., Koustelios, A., Kokaridas, D., Sakellariou, K. (2005). Instructors' verbal aggressiveness in university context. *Pedagogic Review* (orig. Greek), *39*, 9-16.
- 62. Bekiari, A. & Sakellariou, K. (2003). Plato's Theory about Women Sport according to G. Farandos. *International Journal of Physical Education, 4(4),* 144-149.
- 63. Bekiari, A. & Sakellariou, K. (2002). Perceived instructor verbal aggressiveness and student state learning in physical education. *Italian Journal of Sport Sciences*, *1*, 251-256.
- 64. Sakellariou, K. & Bekiari, A. (2001). The principles of Sport Pedagogy, ten points. A contribution to the dialogue concerning Sport Pedagogy. *International Journal of Physical Education, 4 (4),* 173-175.
- 65. Sakellariou, K. & Bekiari, A. (2000). Sports pedagogy or pedagogical movement: Positions Michael Kruger and Ommo Grupe. An epistemological answer. *Inquiries in Sport & Physical Education,* (orig. Greek), 1, 44-50.

#### 4.4 Articles in Journals not Indexed in Bibliographical Databases

1. Theoharis, D., Bekiari, A., Vasilou, A. (2018). Exercising leadership through specific forms of power:

- an application of social network analysis. *35nd Congress Greek Mathematical Society, Athens* 7-9/12/2018, pp. 392-402 (Full Paper).
- Theoharis, D., Bekiari, A. (2018). Social network analysis in verbal aggressiveness: The meaning of indegree. 10<sup>th</sup> International Congress Mathematical Society, Thessaloniki 25-29/4/2018, pp. 342-352 (Full Paper).
- 3. Deliligka, S., Larda, E., Spanou, K., Bekiari, A. (2017). Verbal aggressiveness, Argumentativeness and motivation climate in physical education context. *Hellenic Journal of Physical Education & Sport Science*, *37*(1), 107-113 (short paper).
- 4. Theoharis, D., Bekiari, A. (2017). Cumulative hierarchy analysis (Katz centrality) on leadership networks of learning communities.  $9^{η\varsigma}$  International Congress Mathematical Society, Thessaloniki 15-19/3/2017, σελ. 285-298 (Full Paper).
- 5. Theoharis, D., Bekiari, A. (2017). Structural analysis of leadership in school class networks. *34nd Congress Greek Mathematical Society, Lefkada* 3-5/11/2017, pp. 271-279 (Full Paper).
- 6. Theoharis, D., Bekiari, A. (2016). Social networks analysis of centrality: Case study in leadership networks. *33nd Congress Greek Mathematical Society, Chania* 4-6/11/2016, pp. 250-260 (Full Paper).
- 7. Theoharis, D. & Bekiari, A. (2016). The influence of mathematics and learning environment in verbal aggressiveness and interpersonal relations: A dynamic analysis of social networks. 8<sup>th</sup> International Congress Mathematical Society, Thessaloniki 30/3-3/4/2016 (Full Paper).
- 8. Bekiari, A., Hasanagas, N., Theoharis, D., Kefalas, I. & Vasilou, A. (2015). The role of mathematical object and the educational environment to students' interpersonal relationships: An application of full social network analysis. *32nd Congress Greek Mathematical Society*, Kastoria 28/10-1/11/2015, pp. 799-812 (Full Paper).
- 9. Spyropoulou, S., Bekiari, A., Digelidis, N., & Mavromatis, G. (2015). Social network analysis of verbal aggressiveness and interpersonal attraction in school networks. *Hellenic Journal of Physical Education & Sport Science* (orig. Greek), *35*(4), 12-20.
- 10. Tsiana, I., Bekiari, A., Kourtesis, Th., & Rokka, S. (2015). Investigating relations of physical education teachers' verbal aggressiveness and personal orientations and the reasons for the discipline of students. *Hellenic Journal of Physical Education & Sport Science* (orig. Greek), *35*(4), 27-34.
- 11. Nikolaidou, S., Bekiari, A., Almpanidis, E., & Rokka, S. (2015). Relations of instructors' verbal aggressiveness, leadership style and motivational climate with satisfaction of adult practitioners in group exercise programs. *Hellenic Journal of Physical Education & Sport Science* (orig. Greek), *35*(4), 20-26.
- 12. Gkaleas, K. & Bekiari, A. (2010). What's the purpose of physical education in Neoplatonism; *Proceedings of the XXI International Symposium Olympic Center for Philosophy and Culture,* Ancient Olympia-Pyrgos, 25-29/07/2010 (Full Paper).
- 13. Bekiari, A. & Sakellariou, K. (2004). The offense of "fair play" during the games in honor of Patroclus. *Pedagogic Logos* (orig. Greek), *1*, 24-36.

- 14. Bekiari, A., Sakellariou, K., Papantoniou, G. & Kriemadis, A., (2003). Political and social pedagogy of sport according to Aristotle. *Sport Organization* (orig. Greek), *1*(2), 243-247.
- 15. Kriemadis, A., Costa, G., Bekiari, A., & Alexopoulos, P. (2002). Continuous quality improvement for sport organizations based on the European Foundation for Quality Management and the Malcolm Baldrige National Quality Award criteria. *Sportzaken*, *2*, 16-18.
- 16. Sakellariou, K. & Bekiari, A. (2002). The Homeric ideal of education and the birth of the sport pedagogy. *Studi e Ricerche*, 5/6, 74-82.
- 17. Bekiari, A. & Sakellariou, K. (2002). Pedagogia politico-sociale dello sport secondo Aristotele. *Pedagogia e Vita*, 1, 137-141.
- 18. Sakellariou, K. & Bekiari, A. (2001). The structure and architecture of the beauty of the human body according to Klimentas of Alexandria. *Studi e Ricerche*, 7/8, 141-148.
- 19. Bekiari, A., Sakellariou, K. (2001). The construction of the human body according to Gregorios of Nyssa. *Studi e Ricerche*, *7/8*,127-139.
- 20. Bekiari, A., Koustelios, A., & Sakellariou, K. (2000). Instructors' verbal aggressiveness from universities in Greece. *Studi e Ricerche*, 5/6, 225-232.
- 21. Bekiari, A., Sgaras, K., Blanti, A., Sakellariou, K. (2000). The education of the body and the development of personality in developmental age. Annals of Department of Physical Education and Sports, University of Thessaly, 2, 135-141.
- 22. Sakellariou, K., Bekiari, A., Sgaras, K. (2000). Gli adolescenti il senso della vita nell' educazione. Annals of Department of Physical Education and Sports, University of Thessaly, 2, 69-80.
- 23. Sakellariou, K., Bekiari, A., Thanos, K. (2000). Le potenzialita persuasive ed educative del discorso. Annals of Department of Physical Education and Sports, University of Thessaly, 2, 95-105.
- 24. Nimas, Th., Soulas, D. & Bekiari, A. (1998). The contribution of traditional game in psychophysical development and child socialization. *Diadromes* (orig. Greek), *52*, 246-251.
- 25. Nimas, Th., Soulas, D. & Bekiari, A. (1998). The traditional games as part of gymnastics and the free engagement of children. *Trikalina* (orig. Greek), *18*, 241-255.

#### 5 REFEREED INTERNATIONAL CONFERENCE PRESENTATIONS

- 1. Theoharis, D., Bekiari, A., Vasilou, A. (2018). Exercising leadership through specific forms of power: an application of social network analysis. *35<sup>nd</sup> Congress Greek Mathematical Society (with international participation)*, Athens 7-9/12/2018, pp. 392-402 (Full Paper).
- 2. Theoharis, D., Bekiari, A. (2018). Social network analysis in verbal aggressiveness: The meaning of indegree. *10<sup>th</sup> International Congress Mathematical Society*, Thessaloniki 25-29/4/2018, pp. 342-352 (Full Paper).
- 3. Spanou, K., Bekiari, A., Kyriaki, A., Vasilou, A. (2018). Machiavellianism in universities: Perceiving exploitation in student networks. *21<sup>th</sup> International Conference of E.G.V.E.* Thessaloniki 27-29/4/2018.

- 4. Karaoulanis, Ch., Kefalakis, K., Bekiari, A. (2018). Class differences of perceived physical education instructors' verbal aggressiveness, Machiavellianism and students' satisfaction. *21<sup>th</sup> National Conference of E.G.V.E.* (with international participation), Thessaloniki 27-29/4/2018.
- 5. Deliligka, S., Vasilou, A., Syrmpas, I., Bekiari, A. (2018). Verbal aggressiveness and argumentativeness in physical education: Qualitative and quantitative approach. *21<sup>th</sup> National Conference of E.G.V.E.* (with international participation), Thessaloniki 27-29/4/2018.
- 6. Litsa, M., Bekiari, A., Pachi, V., Vasilou, A. (2018). Factors and Parameters of Bullying in university student community. 21<sup>th</sup> National Conference of E.G.V.E. (with international participation), Thessaloniki 27-29/4/2018.
- 7. Karaoulanis, Ch., Mytakos, V., Bekiari, A. (2018). Gender differences of verbal aggressiveness, Machiavellianism and satisfaction in physical education. *21<sup>th</sup> National Conference of E.G.V.E.* (with international participation), Thessaloniki 27-29/4/2018.
- 8. Litsa, M., Vasilou, A., Hasanagas, N., Bekiari, A. (2018). An exploration of the relation between hunting and aggressiveness: Using inmates networks at prison secondary school as an illustration. 2<sup>nd</sup> Greek Congress (with international participation): «Greece Europe 2020: Education, Life-long learning, Research, innovation, New Technologies and Economy». Lamia, 27-29/9/2018.
- 9. Spanou, K., Larda, E., Theoharis, D., Hasanagas, N., Bekiari, A. (2017). Targeting verbal aggressiveness and sociability in inmates' school classes. 20° *National Conference of E.G.V.E.* (with international participation), Thessaloniki 31/3-2/4/2017 (best poster award).
- 10. Theoharis, D., Bekiari, A. (2017). Cumulative hierarchy analysis (Katz centrality) on leadership networks of learning communities. *9*<sup>th</sup> *International Congress Mathematical Society*, Thessaloniki 15-19/3/2017, pp. 285-298 (Full Paper).
- 11. Theoharis, D., Bekiari, A. (2017). Structural analysis of leadership in school class networks. *34<sup>nd</sup> Congress Greek Mathematical Society (with international participation),* Lefkada 3-5/11/2017, pp. 271-279 (Full Paper).
- 12. Bekiari, A., Spyropoulou, S. (2017). Exploration of verbal aggressiveness and interpersonal attraction through social network analysis: using school and university classes as illustration. 2° *Greek Congress of School Psychology* (Symposium 14 "Social Network Analysis Applications in the Classes: Algebraic Indicators beyond Simplistic Socio-grams and Conventional Statistics in Education" Organizer: A. Bekiari), Volos 19-22/10/2017.
- 13. Bekiari, A., Pachi, V., Hasanagas, N. (2017). Investigating bullying determinants and typologies with social network analysis. *2° Greek Congress of School Psychology* (Symposium 14 "Social Network Analysis Applications in the Classes: Algebraic Indicators beyond Simplistic Socio-grams and Conventional Statistics in Education" Organizer: A. Bekiari), Volos 19-22/10/2017.
- 14. Theoharis, D., Bekiari, A. (2017). Exploration of determinants of verbal aggressiveness and leadership through network analysis and conventional statistics: Using school class as an illustration. 2° Greek Congress of School Psychology (Symposium 14 "Social Network Analysis Applications in the Classes: Algebraic Indicators beyond Simplistic Socio-grams and Conventional Statistics in Education" Organizer: A. Bekiari), Volos 19-22/10/2017.
- 15. Bekiari, A., Deliligka, S., Koustelios, A., Hasanagas, N. (2017). Examining relations on aggressive

- communication and motivation in social networks. 2° Greek Congress of School Psychology (Symposium 14 "Social Network Analysis Applications in the Classes: Algebraic Indicators beyond Simplistic Socio-grams and Conventional Statistics in Education" Organizer: A. Bekiari), Volos 19-22/10/2017.
- 16. Deliligka, S., Larda, E., Spanou, K., Bekiari, A. (2017). Verbal aggressiveness, argumentativeness and motivation climate in physical education context. 20<sup>th</sup> National Conference of E.G.V.E. (with international participation), Thessaloniki 31/3-2/4/2017 (short paper).
- 17. Theoharis, D., Bekiari, A. (2016). Analyzing centrality indicators of social networks. Case study on leadership networks of students and teachers. *33<sup>nd</sup> Congress Greek Mathematical Society (with international participation)*, Chania 4-6/11/2016, pp. 250-260 (Full Paper).
- 18. Theoharis, D. & Bekiari, A. (2016). The influence of mathematics and learning environment in verbal aggressiveness and interpersonal relations: A dynamic analysis of social networks. 8<sup>th</sup> International Congress Mathematical Society, Thessaloniki 30/3-3/4/2016 (Full Paper).
- 19. Rompou, E., Chachami, E., & Bekiari, A. (2016). Perceived instructors' leadership style and students' Machiavelism in physical education context. 19<sup>th</sup> International Conference of E.G.V.E. Thessaloniki 8-10/4/2016.
- 20. Chachami, E., Rompou, E., & Bekiari, A. (2016). Exploring relations of Machiavellianism and fair play behaviors in physical education context. 19<sup>th</sup> International Conference of E.G.V.E. Thessaloniki 8-10/4/2016.
- 21. Bekiari, A. & Manoli, P. (2015). EFL teacher verbal aggressiveness and argumentativeness and student socio-affective strategy use and affective learning: Exploring possible associations. *3rd International Symposium: New Issues on Teacher Education*. Volos 11-13/9/2015.
- 22. Bekiari, A., Hasanagas, N., Theoharis, D., Kefalas, I., & Vasilou, A. (2015). The role of mathematical object and the educational environment to students' interpersonal relationships: An application of full social network analysis. *32nd Congress Greek Mathematical Society (with international participation)*, Kastoria 28/10-1/11/2015, pp. 799-812 (full paper).
- 23. Spyropoulou, S., Bekiari, A. (2015). Verbal aggressiveness and interpersonal attractiveness in school networks. 1<sup>st</sup> National Congress of Psychology (with international participation). Athens 19-22/11/2015.
- 24. Chachami, E., Rompou, E., Bekiari, A. (2015). Preferences of primary students about design of school yard. *17th National Conference of E.G.V.E.* (with international participation), Thessaloniki 5-6/12/2015.
- 25. Rompou, E., Chachami, E., Bekiari, A. (2015). Exploring relations of perceived verbal aggressiveness and argumentativeness with affective learning. 17<sup>th</sup> National Conference of E.G.V.E. (with international participation), Thessaloniki 5-6/12/2015.
- 26. Tsiana, I., Bekiari, A. (2015). The relationship of teachers' verbal aggression and students' reasons of discipline in physical education context. 23<sup>nd</sup> International Congress of Physical Education & Sport, Komotini 14-17/5/2015.
- 27. Kalampoka, P., Hasanagas, N., Bekiari, A. (2015). Attitudes and opinions of students about design of

- school yards. *16th National Conference of E.G.V.E.* (with international participation), Thessaloniki 27-29/3/15.
- 28. Pachi, B., Kefalas, I., Bekiari, A. (2015). Investigating relations of teachers' verbal aggression and job satisfaction in secondary education. *23<sup>nd</sup> International Congress of Physical Education & Sport*. Komotini 14-17/5/2015.
- 29. Kalampoka, P., Kalampokas, N., Vasilos, P., Bekiari, A. (2015). Trikkeos Asclepius within contemporary perspectives in Sport Pedagogy. 23<sup>nd</sup> International Congress of Physical Education & Sport. Komotini 14-17/5/2015.
- 30. Avdelidis, E., Avdelidou, E., & Bekiari, A. (2015). Relationships of directors' leadership style and verbal aggressiveness in secondary schools and teachers' satisfaction who lead. *16th National Conference of E.G.V.E.* (with international participation), Thessaloniki 27-29/3/15.
- 31. Avdelidou, E., Avdelidis, E., & Bekiari, A. (2015). Gender differences and the relationship of directors' leadership style with job satisfaction of their existing teachers. *16th National Conference of E.G.V.E.* (with international participation), Thessaloniki 27-29/3/15.
- 32. Hasanagas, N., Bekiari, A. (2014). Theory "Adult Education" and Military Education: Approaches and Issues. 1st Congress of Sport Science in the Armed Forces (with international participation), Athens 15-16/10/2014.
- 33. Spyropoulou, S., Theoharis, D., Vasilos, P., Hasanagas, N., Bekiari, A. (2014). Factors of verbal aggression and interpersonal attraction to students and teachers to apply full social network analysis. *13th National Congress of Sport Psychology (with international participation)*. Trikala 6-7/12/2014.
- 34. Deliliga, E., Theoharis, D., Vasilos, P., Syrmpas, I., & Bekiari, A. (2014). Perceptions and recording of motivational climate that promote the basketball coaches. *13th National Congress of Sport Psychology (with international participation)*. Trikala 6-7/12/2014.
- 35. Theoharis, D., Deliliga, E., Vasilos, P., Syrmpas, I., & Bekiari, A. (2014). Verbal aggression and argument: Self-reported use and observed behavior basketball coaches. *13th National Congress of Sport Psychology (with international participation)*. Trikala 6-7/12/2014.
- 36. Pachi, B., Vasilos, P., Bekiari, A. (2014). Relationship Perceived Verbal Aggression and communicative style of Teachers in Physical Education lesson. *15th National Conference of E.G.V.E.* (with international participation), Thessaloniki 6-7/12/14.
- 37. Pachi, B., Vasilos, P., Kefalas, I., Bekiari, A. (2014). Relationship Perceived communication style of Teachers of Physical Education in Student Satisfaction. *15th National Conference of E.G.V.E.* (with international participation), Thessaloniki 6-7/12/14.
- 38. Kalampoka, P., Vasilos, P., Pachi, B., Bekiari, A. (2014). Physical Exercise, Nutrition, Health: Counseling theory by Hippocrates. *15th National Conference of E.G.V.E* (with international participation), Thessaloniki 6-7/12/14.
- 39. Kalampoka, P., Balla, K., Katsogiannos, K., Bekiari, A. (2014). Physical education of the Homeric Achilles from the mythical Centaur Chiron in the light of modern sports education. *22nd International Congress of Physical Education & Sport*. Komotini 9-11/5/14.

- 40. Ntakou, B., Katsogiannos, K., Tzima, I., Bekiari, A. (2014). The Relationship of Aggressive Behavior, Leadership Style of Head Guidance / Satisfaction with Existing Services in TAB A and B Grade Thessaly. 17° National Conference of E.G.V.E. (with international participation), Thessaloniki 4-6/4/14.
- 41. Ntakou, B., Katsogiannos, K., Tzima, I., Bekiari, A. (2014). The ability to use arguments from the Heads Guidance / and Intrinsic and Extrinsic motivate the Services TAB A and B Grade Thessaly.17° National Conference of E.G.V.E. (with international participation), Thessaloniki 4-6/4/14.
- 42. Spyridaki, D, Kalampoka, P., Balla, A., Bekiari, A. (2014). Goals of Sports Education in Aristotle. *17th International Congress of Physical Education & Sport*. Thessaloniki 4-6/4/14.
- 43. Kalampoka, P., Balla, K., Katsogiannos, K., Bekiari, (2014). A. Relation of Teachers' Verbal Aggression and Arguments with Motivational Climate during the lesson of Physical Education. (2014). *22nd International Congress of Physical Education & Sport*. Komotini 9-11/5/14.
- 44. Spyridaki, D., Bekiari, A. (2013). The symbolic significance of physical education. *10th International Conference on Semiotics*. Volos 4-6/10/13.
- 45. Chletsi, I., Chantziaras, K., Fika, A., Arvanitides, S., Plexidas, I., Bekiari, A. (2013). Relationship Internal Motivation of Students with Professor Styles in Physical Education lesson. 16th International Congress of Physical Education & Sport. Thessaloniki 12-14 / 4/13.
- 46. Spyropoulou, S., Papadopoulou, A., Zania, S., Blanti, A., Bekiari, A. (2012). The Perceived Teacher Verbal Aggression in relation to the teaching style in the context of Physical Education Course in Primary Education. *15th International Congress of Physical Education & Sport.* Thessaloniki 30-31 / 3/12 -1/4/12.
- 47. Spyridaki, D., Spyropoulou, S., Syrmpas, I., Bekiari, A. (2012). Odyssean and Ilidiaki Sports: A Comparative Analysis. *15th International Congress of Physical Education & Sport.* Thessaloniki 30-31/3/12-1/4/12.
- 48. Karatzoglidis, Ch., Hatzipanteli, A., Diggelidis, N., Bekiari, A. (2011). The effectiveness of a tactical approach to volleyball to motivate students. *Conference "Research and applications in Sport Science"* (with international participation), Athens 6-8 May 2011.
- 49. Gkaleas, K., Bekiari, A., Stergiou, S. (2011). The divine origin of Gymnastike/Physical Education and its profound relation to the Heroic Culture in Ancient Greek Tradition. XXII International Conference ("Philosophy and Education") Olympic Center for Philosophy and Culture, Ancient Olympia-Elia, July 22-27, 2011.
- 50. Psofaki, A., Bekiari, A., Stergiou, S., Kalliardou, I. (2011). The motivation of athletes to participate in the ancient Olympics. 19<sup>th</sup> International Conference in Physical Education and Sport, D.U.TH., Komotini 20-22 May 2011.
- 51. Bekiari, A., Gkaleas, K., Stergiou, S. (2011). The role of physical education in the work of Plato and the pedagogical value of the positions of the Athenian philosopher. *International Conference "Research and applications in Sport Science"*, Athens 6-8 May 2011.
- 52. Gkaleas, K., Bekiari, A. (2010). What's the purpose of physical education in Neoplatonism; XXI International Symposium Olympic Center for Philosophy and Culture ("Plato, Platonism and the

- Moderns"), Ancient Olympia-Pyrgos, July 25-29, 2010 (Full Paper).
- 53. Bekiari, A., Gkaleas, K. (2010). Aristotle: The philosophical thinking about the treatment and education of the body. 13° National Conference of Physical Education and Sports, E.G.V.E. (with international participation), Thessaloniki 19-21 March 2010.
- 54. Papageorgopoulou, M., Retzila, Ch., Tsiakaras, N., Bekiari, A. (2010). The position of women in ancient classical era. *13ºNational Conference of Physical Education and Sports, E.G.V.E.* (with international participation), Thessaloniki 19-21 March 2010.
- 55. Bekiari, A. (2010). Teaching self-awareness according to Great Vasilios and its importance for the Sport Pedagogy. 18° International Conference in Physical Education and Sport, D.U.TH., Komotini 19-21 May 2010.
- 56. Anagnostou, M., Syrmpas, I., Bekiari, A. (2009). Analysis of factorial structure and internal consistency of the questionnaire of the communication style of physical education teacher. 17° *International Conference in Physical Education and Sport, D.U.TH.*, Komotini 22-24 May 2009.
- 57. Syrmpas, I., Bekiari, A. (2008). Construct validity and reliability of questionnaires of argumentativeness and interpersonal attraction and relationship between perceived verbal aggressiveness and argumentativeness of teachers with interpersonal attraction students. *9<sup>n</sup> Scientific Workshop E.G.V.E.* (with international participation), Thessaloniki 06-07 December 2008 (Full Paper).
- 58. Bekiari, A., Papageorgopoulou, M., Tsiakaras, N., Syrmpas, I., Sakellariou, K. (2008). Ancient Greek and Chinese aesthetics: Olympia- Beijing. 11° National Conference of Physical Education and Sports, E.G.V.E. (with international participation), Thessaloniki 11-13 April 2008.
- 59. Anagnostou, M., Syrmpas, I., Apostolou, M., Bekiari, A. (2007). Verbal aggression coach and relationship with the pleasure of athletes. *15º International Conference in Physical Education and Sport, D.U.TH.*, Komotini 18-20 May 2007.
- 60. Syrmpas, I., Rizou, M., Sakellariou, N., Bekiari, A. (2006). Perceived Verbal Aggression Teachers Physical Education and its impact on learning ability. *14°International Conference in Physical Education and Sport, D.U.TH.*, Komotini 19-21 May 2006.
- 61. Anagnostou, M., Apostolou, M., Sakellariou, N., Bekiari, A. (2006). Relationship of verbal aggression, argumentativeness of physical education teachers and the students' satisfaction. 14°International Conference in Physical Education and Sport, D.U.TH., Komotini 19-21 May 2006.
- 62. Syrmpas, I., Apostolou, M., Bouglas, V., Bekiari, A. (2006). Relationships of verbal aggression, argumentativeness in physical education context. *14ºInternational Conference in Physical Education and Sport, D.U.TH.*, Komotini 19-21 May 2006.
- 63. Anagnostou, M., Syrmpas, I., Sakellariou, N., Bekiari, A. (2006). Perceived Competence and Motivation young swimmers. *14ºInternational Conference in Physical Education and Sport, D.U.TH.,* Komotini 19-21 May 2006.
- 64. Anagnostou, M., Syrmpas, I., Gkaleas, K., Patra, A., Bekiari, A. (2006). Verbal Aggression of Physical Education teachers and its impact on Perceived Competence and Motivation of Students. 14°International Conference in Physical Education and Sport, D.U.TH., Komotini 19-21 May 2006.

- 65. Anagnostou, M., Syrmpas, I., Sakellariou, N., Patra, A., Bekiari, A. (2006). Relationship between Verbal Aggression and motivational climate in physical education. *9° National Conference of Physical Education and Sports, E.G.V.E.* (with international participation), Thessaloniki 7-9 April 2006.
- 66. Bekiari, A., Diggelidis, N., Sakellariou, K., Bouglas, V. (2005). Verbal aggression of coaches in team contact and non-contact sports. 13<sup>th</sup>International Congress on Physical Education and Sport, Komotini, 20-22/5/2005.
- 67. Bekiari, A., Hassandra, M., Sakellariou, K., Patra, A., Liakou, E. (2005). Verbal aggression of physical education teachers in relation to the supportive classroom climate and teaching style. 13<sup>th</sup> International Congress on Physical Education and Sport, Komotini, 20-22/5/2005.
- 68. Bekiari, A., Sakellariou, K. (2003). Perceived verbal aggression of physical education teachers and the attitude of the students in physical education. 11<sup>th</sup> International Congress on Physical Education and Sport, Komotini, 16-18/5/2003.
- 69. Gkousiani, E., Bekiari, A., Giotsipoulou, E. (2002). Children with disabilities and the impact of logistics on their locomotor training. 10<sup>th</sup> International Congress on Physical Education and Sport, Komotini, 17-19/5/2002.
- 70. Sakellariou, K., Bekiari, A. (2002). Socratic teaching and sports pedagogy. 10<sup>th</sup> International Congresson Physical Education and Sport, Komotini, 17-19/5/2002.
- 71. Sakellariou, K., Bekiari, A. (2001). Argumentative communication and verbal aggression in school and in sports. *2ºNational Conference of Sport Law* (accepting also international participation), Athens 12-14 October.
- 72. Sakellariou, K., Bekiari, A. (2001). The verbal aggressiveness of teachers in Higher Education, *9<sup>th</sup>International Congress on Physical Education and Sport*, Komotini, 18-20/5/2001.
- 73. Sakellariou, K., Bekiari, A. (2001). Physical education and personality in childhood and adolescence. 2<sup>nd</sup> Conference "Sport in childhood and adolescence" (with international participation), Thessaloniki, 2-4/11/2001.
- 74. Bekiari, A., Sakellariou, K. (2001). Humiliation- Abasement- Suppression: parental verbal violence, forms family. 8<sup>th</sup>National Conference in Psychological Research (with international participation), Alexandroupoli, 24-27/5/2001.
- 75. Bekiari, A., Sakellariou, K. (2001). Physical activity of young as a pedagogical reality. A psychoeducational approach. *9*<sup>th</sup>International Congress on Physical Education and Sport, Komotini, 18-20/5/2001.
- 76. Sakellariou, K., Bekiari, A. (2001). Psychoeducation: Ways of observation of the child's sports education. 8<sup>th</sup>National Conference in Psychological Research (with international participation), Alexandroupoli, 24-27/5/2001.
- 77. Sakellariou, K., Bekiari, A. (2001). Regular exercise and behaviour in adolescence. *9*<sup>th</sup>International Congress on Physical Education and Sport, Komotini, 18-20/5/2001.
- 78. Blanti, A., Bekiari, A., Lygouri, A. (2000). Reasons of engaging elementary school students in sports.

- 8<sup>th</sup>International Congress on Physical Education and Sport, Komotini, 19-21/5/2000.
- 79. Chairopoulou, Ch., Bekiari, A. (2000). Developmentally disabled levels in throwing the ball to goal. 8<sup>th</sup>International Congress on Physical Education and Sport, Komotini, 19-21/5/2000.
- 80. Blanti, A., Bekiari, A., Tzouvista, Λ. (1999). Relations between teachers and children in the urban center and the province. 7<sup>th</sup>International Congress on Physical Education and Sport, Komotini, 21-23/5/1999.
- 81. Sakellariou, K., Kriemadis, A., Bekiari, A. (1999). The human physicality and movement in developmental age. *National Conference of School Physical Education* (accepting also international participation), Trikala 12-14/11/1999.
- 82. Nimas, Th., Soulas, D., Bekiari, A. (1998). The contribution of traditional game in psychophysical development and child socialization. 6<sup>th</sup>International Congress on Physical Education and Sport, Komotini, 22-24/5/1998.

#### **6 INVITED PRESENTATIONS**

More than eight invited presentations

#### 7 MISCELLANEOUS

- Reviewer in International (7) and Greek (2) journals in the pedagogy and sociology field
- Membership:
- Committees of the department (e.g. Library Committee, Student Affairs Committee, Qualifying Entrance Exams Committee etc)
- Committee for building the church of "Saint Asklipios", Dept. of Phys. Ed. & Sport, University of Thessaly
- National Pedagogic Association
- Greek Institute of Applied Pedagogy and Education
- Five lingual magazine "Regional Science Texts"
- Organizing special session in School Psychology conference, 2017, Volos, "Social network analysis
  applications in classes: algebraic indicators beyond the simple socio-gram and conventional
  statistics in education"
- Referee in volleyball and basketball
- Judge in swimming, basketball, volleyball and track
- Training in lifesaving
- Training in First Aid