CURRICULUM VITAE

photograph	
Personal details	
Surname/name:	**Panoutsakopoulos Vasileios**
Position:	**Assistant Professor**
Specialty:	**Track and Field Coaching**
Department:	**Sports**
Laboratory:	**Biomechanics Laboratory**
Current administrative positions:	**Coordinator for graduate students' internship**
Personal Webpage:	**https://qa.auth.gr/en/cv/bpanouts**
Contact details	
Office:	**Office 1, Ground floor, Block E, "Xenones" Building, AUTh Campus at Thermi**
Tel:	**+30-2310-992-205**
Fax:	**-**
e-mail:	**bpanouts@phed.auth.gr**
Student consultation:	**Monday, 10:00-12:00 (pre-arrangement required)**
Qualifications	
Degree:	**1998: Department of Physical Education and Sports Science at Thessaloniki, Aristotle University of Thessaloniki, Greece**
Master:	**2002: Team Sports Coaching, Inter-Department Graduate Studies Program in Human Performance and Health, Departments of Physical**

	Education and Sports Science at Thessaloniki and Serres, Aristotle University of Thessaloniki, Department of Physical Education and Sports Science, Democritus University of Thrace, & Department of Physical Education and Sports Science, University of Thessaly, Greece
PhD:	**2014: Biomechanics, Graduate Studies Program Exercise and Quality of Life, Department of Physical Education and Sports Science at Thessaloniki, Aristotle University of Thessaloniki, Greece**
Teaching	
Undergraduate courses:	**1. Track and Field Specialty 1 (449)** **2. Track and Field Specialty 2 (499)** **3. Teaching Track and Field 1 (119)** **4. Teaching Track and Field 2 (169)** **5. Coaching Team Sports (ΕΠ0149Κ)** **6. Coaching Team Sports (ΕΠ0262)** **7. Flexibility and performance (ΕΠ0166)** **8. Baseball (ΕΠ0230)** **9. Biomechanics (229Γ)** **10. Evaluation of Strength and Neuromuscular Control (088Κ)**
Postgraduate courses:	• **"Human Performance" – AUTh D.P.E.S.S. at Thessaloniki** **1. Special Coaching Issues (ΜΚΕ9)** **2. Advanced Biomechanics (ΚΜΕ14)**
Research	
Research interests:	• **Sport Biomechanics** • **Biomechanics of human movement** • **Performance analysis in both individual and team sports**
Books and chapters in books:	**Panoutsakopoulos V., Kollias I. (2024): Softball and Baseball: Technique-Tactics-Teaching Methodology. Thessaloniki: Kyriakidis Bros Publishers S.A. (ISBN: 978-960-602-456-6).** **Panoutsakopoulos, V., Kollias, I. A. (2023). Image-Based Recording and Analysis Methods for The Assistance of Track and Field Coaches to Improve Athletics Training. In: Bayraktar, I. (ed.), The Use of Developing Technology in Sports (pp. 29-49). Gaziantep: Özgür Publications. (ISBN: 978-975-447-796-2)** **Panoutsakopoulos, V. (2020). Development and Training of Sprint Running. In: Kotzamanidis C. (Editor): *Child, Training, Health* (pp. 185-214). Thessaloniki: Kyriakidis Bros Publishers S.A. (ISBN: 978-960-602-298-2).** **Panoutsakopoulos V., Kollias I. (2008b): Technique Assessment Criteria in Track and Field (part 2). Thessaloniki: Publishing Department of A.U.Th.** **Panoutsakopoulos V., Kollias I. (2008a): Technique Assessment Criteria in Track and Field (part 1). Thessaloniki: Publishing Department of A.U.Th.**

	Kollias I., Panoutsakopoulos V. (2002): The Textbook of Softball & Baseball. Thessaloniki: Kyriakidis Bros Publishers S.A. (ISBN: 978-960-602-131-2) **Kollias I., Panoutsakopoulos V. (2001): Teaching Methodology for Skill Learning in Softball & Baseball. Thessaloniki: Publishing Department of A.U.Th.** **Kollias I., Panoutsakopoulos V. (2000b): Softball & Baseball as Sports. Thessaloniki: Publishing Department of A.U.Th.** **Kollias I., Panoutsakopoulos V. (2000a): Introduction to the games of Softball & Baseball. Thessaloniki: Publishing Department of A.U.Th.**
Selected publications (up to 10):	1. ***Panoutsakopoulos V.*** (2025). Sex differences in the high jump kinematics in U18 adolescent athletes. *Applied Sciences*, *15*(17), 9382. https://doi.org/10.3390/app15179382 2. Keskinis I., Bassa E., Merkou E., Lazaridis S., ***Panoutsakopoulos V.*** (2025). The effect of ladder training on performance and kinematic parameters of sprinting in prepubertal track and field athletes. *International Journal of Sports Science and Coaching*. https://doi.org/10.1177/17479541251384101 3. Chatzilazaridis I., ***Panoutsakopoulos V.***, Bassa E., Kotzamanidou M.C., Papaiakovou G.I. (2024). Effect of age and sex on the kinematics of the sprinting technique in the maximum velocity phase. *Applied Sciences*, 14(14), 6057. https://doi.org/10.3390/app14146057 4. ***Panoutsakopoulos V.***, Chalitsios C., Nikodelis T., Kollias I.A. (2022). Kinetic time-curves can classify individuals in distinct levels of drop jump performance. *Journal of Sports Sciences*, 40(19), 2143-2152. https://doi.org/10.1080/02640414.2022.2140921 5. Kyriakidis G., Chatzopoulos D., Paraschos I., ***Panoutsakopoulos V***., Kollias I.A., Papaiakovou G.I. (2022). The effect of blended learning new technologies and direct video feedback on the long jump technique in Primary School students. *International Journal of Human–Computer Interaction*, 38(6), 529-540. https://doi.org/10.1080/10447318.2021.1952378 6. ***Panoutsakopoulos V.***, Theodorou A.S., Kotzamanidou M.C., Exell T.A., Kollias I.A. (2021). Gender differences in pole vault approach run kinematics and step parameter asymmetry during an elite indoor competition. *International Journal of Performance Analysis in Sport*, 21(4), 477-490. https://doi.org/10.1080/24748668.2021.1917977 7. Giatsis G., ***Panoutsakopoulos V.***, Kollias I. (2018). Biomechanical differences of arm swing countermovement jumps on sand and rigid surface performed by elite beach volleyball players. *Journal of Sports Sciences*, 36(9), 997-1008. https://doi.org/10.1080/02640414.2017.1348614 8. Theodorou A.S., ***Panoutsakopoulos V***., Exell T.A., Argeitaki P., Paradisis G.P., Smirniotou A. (2017). Step characteristic interaction and asymmetry during the approach phase in long jump. *Journal of Sports Sciences*, 35(4), 346-354. https://doi.org/10.1080/02640414.2016.1164884 9. ***Panoutsakopoulos V.***, Papachatzis, N., Kollias I.A. (2014). Sport specificity affects the principal component structure of vertical squat jump performance of young adult female athletes. *Journal of Sport and Health Science*, 3(3), 239-247. https://doi.org/10.1016/j.jshs.2013.08.003 10. Saraslanidis P.J., ***Panoutsakopoulos V.***, Tsalis G.A., Kyprianou E. (2011). The effect of different first 200-m pacing strategies on blood lactate and biomechanical parameters of the 400-m sprint. *European Journal of Applied Physiology*, 111(8), 1579-1590. https://doi.org/10.1007/s00421-010-1772-4 **Full list of publications:** https://qa.auth.gr/el/cv/bpanouts

Current research projects:	• **AUTh Research Committee** **1. Utilization and dissemination of research results in Track and Field Coaching [13025] – Primary Investigator**
Reviewer in journals:	• Acta Psychologica (ISSN: 0001-6918) • Baltic Journal of Health and Physical Activity (eISSN 2080-9999) • Biomimetics (ISSN 2313-7673) • Biomedical Human Kinetics (ISSN: 2080-2234) • BMC Women's Health (ISSN: 1472-6874) • Bulletin of the Transylvania University of Braşov Series IX: Sciences of Human Kinetics (ISSN: 2344–2026 – **Editorial Board Member**) • Children (ISSN: 2227-9067) • Chiropractic and Manual Therapies (ISSN: 2045-709X) • Computer Methods in Biomechanics and Biomedical Engineering (ISSN: 1025-5842) • F1000Research (ISSN: 2046-1402) • Frontiers in Physiology (ISSN: 1664-042X) • Frontiers in Pediatrics (ISSN: 2296-2360) • Frontiers in Public Health - Children and Health (ISSN: 2296-2565 – **Reviewer Board Member**) • Journal of Applied Biomechanics (ISSN: 1065-8483) • Journal of Applied Physiology (ISSN: 8750-7587) • Journal of Big Data (ISSN: 2196-1115) • Journal of Bodywork and Movement Therapies (ISSN: 1360-8592) • Journal of Combinatorial Mathematics and Combinatorial Computing (ISSN: 0835-3026) • Journal of Human Kinetics (ISSN: 1640-5544) • Journal of Men's Health (ISSN: 1875-6867) • International Conference on Material Strength and Applied Mechanics (MSAM2004) • Medicina (ISSN 1648-9144) • Nutrients (ISSN: 2072-6643) • PeerJ (ISSN: 2167-8359) • Processes (ISSN: 2227-9717) • Proceedings of the Institution of Mechanical Engineers, Part P: Journal of Sports Engineering and Technology (ISSN: 1754-3371) • Scandinavian Journal of Medicine & Science in Sports (ISSN: 0905-7188) • Scientific Bulletin of the Dnipropetrovsk State University of Internal Affairs (ISSN: 2078-3566) • Sensors (ISSN: 1424-8220) • Sport Sciences for Health (ISSN: 1825-1234) • The Online Journal of Recreation and Sport (ISSN: 2146-9598 – **Field Editor**) • Translational Sports Medicine (ISSN:2573-8488) • Proceedings of the 4th International Congress in Sport Science SEFAA AUTh • Applied Sciences (ISSN: 2076-3417) • Behavioral Sciences (ISSN: 2076-328X) • Bioengineering (ISSN: 2306-5354) • Biomechanics (ISSN: 2673-7078) • BioMed Research International (ISSN: 2314-6133) • BMC Sports Science, Medicine and Rehabilitation (ISSN: 2052-1847) • Epistēmēs Metron Logos (ISSN: 2585-2973) • European Journal of Human Movement (ISSN: 2386-4095) • Frontiers in Aging Neuroscience (ISSN: 1663-4365) • Frontiers in Bioengineering and Biotechnology (ISSN: 2296-4185 – **Guest Associate Editor** & **Reviewer Board Member**) • Frontiers in Sports and Active Living (ISSN: 2624-9367 **– Reviewer Board Member)** • Healthcare (ISSN: 2227-9032)

	• Human Movement Science (ISSN: 0167-9457) • International Journal of Environmental Research and Public Health (ISSN: 1660-4601) • International Journal of Performance Analysis in Sports (ISSN: 2766-2276) • International Journal of Sports Science and Coaching (ISSN: 1747-9541) • ISBS Proceedings Archive (ISSN: 2766-2276) • Journal of Applied Sports Sciences (ISSN: 2534-9597) • Journal of Athletic Enhancement (ISSN: 2324-9080) • Journal of Biomechanics (ISSN: 021-9290) • Journal of Computational Methods in Sciences and Engineering (ISSN: 2766-2276) • Journal of Functional Morphology and Kinesiology (ISSN: 2411-5142 -) • Journal of Human Sport and Exercise (ISSN: 1988-5202) • Journal of Orthopedic Research and Therapy (ISSN: 2575-8241) • Journal of Physical Medicine, Rehabilitation and Disabilities (ISSN: 2381-8670) • Journal of Science in Sport and Exercise (ISSN: 2096-6709) • Journal of Sports Research (ISSN: 2410-6534) • Journal of Sports Sciences (ISSN: 0264-0414) • Life (ISSN 2075-1729) • Materials (ISSN: 1996-1944) • Medicine and Science in Sports and Exercise (ISSN: 0195-9131) • Movement & Sport Sciences - Science & Motricité (ISSN: 2118-5735) • Plos One (ISSN: 1932-6203) • Polish Journal of Sport and Tourism (ISSN: 2082-8799) • Physician and Sportsmedicine (ISSN: 2326-3660) • Scientific Reports (ISSN: 2045-2322) • Sports (ISSN: 2075-4663) • Sports Biomechanics (ISSN: 1752-6116) • Symmetry (ISSN: 2073-8994) • Sport and Society (ISSN: 2459-4024) • Physical Education and Sport (ISSN: 1106-4196)
Citations (citations in Scopus):	***454***
h-index in Scopus:	***11***