

ŀ	lome Journals Books Conferences News	About Us	Jobs		
A F	Iome > Journal > Social Sciences & Humanities > PSYCH	• Open Spec	ial Issues		
Index	king View Papers Aims & Scope Editorial Board Guideline Article Processing Charges	Published Special Issues			
PSYC	H> Vol.3 No.12A, December 2012	Special Issues Guideline			
	itive Psychology and Digital Games: The Role of Emotions and	PSYCH Subscription			
Psy	chological Flow in Serious Games Development	Most popular papers in PSYCH			
	(Size: 64KB) PP. 1243-1247 DOI: 10.4236/psych.2012.312A184	About PSYCH News			
	or(s) as Alexiou, Michaéla Schippers, Ilan Oshri	Francismathy Asked Overstions			
	TRACT	Frequently Asked Questions			
partic	s paper we will discuss how positive psychology can contribute to the design of digital games and in ular training applications like Serious Games. While digital games have been known for their ability to	Recommend to Peers			
	y immerse users, stimulate the senses and tap into a broad range of emotions, it has proven rather nging to use them as a vehicle for pedagogy. Relevant research is still at its infancy and many of the	Recommend to Library			
in the	anisms that foster knowledge creation and enhance learning need to be mapped out before scripted game. The theory of psychological flow and the role of positive emotions in broadening people's	Contact Us			
thought-action repertoires bring some practical insights and pave the path for tackling some important design questions. Yet there are still major challenges and uncharted waters to be explored in order for the technology to deliver what has been promised.			247,364		
KEYWORDS		Visits:	543,698		
Positive Psychology; Flow; Serious Games; Positive Emotions; Digital Games			Sponsors >>		
Alexio and	this paper u, A., Schippers, M. & Oshri, I. (2012). Positive Psychology and Digital Games: The Role of Emotions Psychological Flow in Serious Games Development. <i>Psychology</i> , 3, 1243-1247. doi: 36/psych.2012.312A184.	3por13or3 2			
Refe	rences				
	Alexander, A. L., Brunyé, T., Sidman, J., & Weil, S. A. (2005). From gaming to training: A review of studies on fidelity, immersion, presence, and buy-in and their effects on transfer in pc-based simulations and games. URL (last checked 30 September 2012). http://www.aptima.com/publications/2005_Alexander_Bruyne_Sidman_Weil.pdf				
[2]	Asakawa, K. (2004). Flow experience and autotelic personality in Japanese college students: How do they experience challenges in daily life? Journal of Happiness Studies, 5, 123-154. doi:10.1023/B:JOHS.0000035915.97836.89				
[3]	Boud, D., Keogh, R., & Walker, D. (1985). Reflection: Turning experience into learning. Abington: Rutledge Falmer.				
[4]	Boyatzis, R. E., & Kolb, D. A. (1995). From learning styles to learning skills: The executive skills profile. Journal of Managerial Psychology, 10, 3-17. doi:10.1108/02683949510085938				
[5]	Bruner, J. (1962). On Knowing: Essays for the left hand. Cambridge, MA: Belknap Press of Harvard University Press.				
[6]	Bruner, J. (1966). Toward a theory of instruction. Cambridge, MA: Harvard University Press.				

Calleja, G. (2007). Digital game involvement: A conceptual model. Games and Culture, 2, 236-260.

Carr, D., Buckingham, D., Burn, A., & Schott, G. (2006). Computer games: Text, narrative and play.

[7]

[8]

doi: 10.1177/1555412007306206

Cambridge: Polity Press.

- [9] Cordova, D. I., & Lepper, M. R. (1996). Intrinsic motivation and the process of learning: Beneficial effects of contextualization, personalization, and choice. Journal of Educational Psychology, 88, 715-730. doi:10.1037/0022-0663.88.4.715
- [10] Csikszentmihalyi, M. (1975). Beyond boredom and anxiety: Experiencing flow in work and play. San Fransisco: Jossey-Bass.
- [11] Csikszentmihalyi, M. (1990). Flow: The psychology of optimal experience. New York, NY: Harper-Perennial.
- [12] Csikszentmihalyi, M. (1997). Finding flow: The psychology of engagement with everyday life. New York, NY: Basic Books.
- [13] De Freitas S. I. (2006): Using games and simulations for supporting learning. Learning, Media and Technology, 31, 343-358.
- [14] El-Nasr, M. S., Niedenthal, S., Knez, I., Almeida, P., & Zupko, J. (2007). Dynamic lighting for tension in games. Game Studies, 7, URL (last checked 30 September 2012). http://gamestudies.org/0701/articles/elnasr\_niedenthal\_knez\_almeida\_zupko
- [15] Frasca, G. (2001). Videogames of the oppressed: Videogames as a means for critical thinking and debate. MA. Thesis, Atlata: Georgia Institute of Technology.
- [16] Fredrickson, B. (2001). The role of positive emotions in positive psychology: The broaden-and-build theory of positive emotions. American Psychologist, 56, 218-226.
- [17] Fredrickson, B. L., & Branigan, C. (2005). Positive emotions broaden the scope of attention and thought-action repertoires. Cognition & Emotion, 19, 313-332. doi:10.1080/02699930441000238
- [18] Fredrickson, B. L., & Levenson, R. W. (1998). Positive emotions speed recovery from the cardiovascular sequelae of negative emotions. Cognition & Emotion, 12, 191-220. doi:10.1080/026999398379718
- [19] Gable, S. L., & Haidt, J. (2005). What (and why) is positive psychology? Review of General Psychology, 9, 103-110. doi:10.1037/1089-2680.9.2.103
- [20] Garris, R., Ahlers, R., & Driskell, J. E. (2002). Games, motivation, and learning: A research and practice model. Simulation & Gaming, 33, 441-467. doi:10.1177/1046878102238607
- [21] Gee, J. P. (2003). What video games have to teach us about learning and literacy. Computers in Entertainment, 1, 20-20. doi:10.1145/950566.950595
- [22] Habgood, M. P. J., Ainsworth, S. E., & Benford, S. (2005). Endogenous fantasy and learning in digital games. Simulation & Gaming, 36, 483-498.
- [23] Hays, R. T. (2005). The effectiveness of instructional games: A literature review and discussion. Orlando, FL: Naval Air Warfare Center.
- [24] Hoffman B., & Nadelson, L. (2009). Motivational engagement and video gaming: A mixed methods study. Educational Technology Research and Development, 58, 245-270.
- [25] Holley, J. H., & Jenkins, E. K. (1993). The relationship between student learning style and performance on various test question formats. Journal of Education for Business, 68, 301-308.
- [26] Honey, P., & Mumford, A. (1992). The manual of learning styles. Berkshire: Peter Honey Publications.
- [27] Huizinga, J. (1955). Homo ludens: A study of the play-element in culture. Boston, MA: The Beacon Press
- [28] Huy, Q. (1999). Emotional capability, emotional intelligence, and radical change. Academy of Management review, 24, 325-345.
- [29] IDATE Consulting & Research (2010). Serious games a 10 billion euro market in 2015. URL (last checked 30 September 2012). www.idate-research.com
- [30] Isen, A. M. (2000). Ch. 33: Some ways in which positive affect and influences decision making. In Handbook of emotions (3rd ed.) (pp. 417-435). New York, NY: Guilford Press.
- [31] Jennet, C., Cox, A., Cairns, P., Dhoparee, S., Epps, A., Tijs, T., & Walton, A. (2008). Measuring and defining the experience of immersion in games. International Journal of Human-Computer Studies, 66, 641-661.

- [32] Juul, J. (2005). Half-real: Video games between real rules and fictional worlds. Cambridge, MA: The MIT Press.
- [33] J?rvinen, A. (2001). Quake? goes the environment: Game aesthetics and archaeologies. Digital Creativity, 12, 67-76. doi:10.1076/digc.12.2.67.6865
- [34] Ke, F. (2009). Ch. 1: A qualitative meta-analysis of computer games as learning tools. Handbook of Research on Effective Electronic Gaming in Education (pp. 1-32). London: IGI Global.
- [35] King, G., & Krzywinska, T. (2006). Tomb raiders and space invaders: Videogame forms and contexts. New York, NY: I.B.Tauris.
- [36] Kluger, A., & DeNisi, A. (1996). The effects of feedback interventions on performance: A historical review, a meta-analysis, and a preliminary feedback intervention theory. Psychological Bulletin, 2, 254 284. doi:10.1037/0033-2909.119.2.254
- [37] Kolb, D. A. (1984). Experiential learning: Experience as the source of learning and development. New Jersey: Prentice Hall.
- [38] Kubovy, M. (2000). Visual aesthetics. Encyclopedia of Psychology. New York, NY: Oxford University Press.
- [39] Lee, P. (1983). Play as a means for developing relationships. Primate Social Relationships (pp. 82-89). Oxford: Blackwell.
- [40] Lefevre, F. (1988). Ch. 18: Flow and the quality of experience during work and leisure. Optimal Experience: Psychological Studies of Flow in Consciousness (pp. 307-318). Cambridge: Cambridge University Press. doi:10.1017/CBO9780511621956.018
- [41] McGonigal, J. (2011). Reality is broken: Why games make us better and how they can change the world. New York: Penguin Press.
- [42] Moore, C. (2011). Hats of affect: A study of affect, achievements and hats in team fortress 2. Game Studies, 11. URL (last checked 30 September 2012). http://gamestudies.org/1101/articles/moore
- [43] Mortensen, T. (2002). Playing with players. Game Studies, 2. URL (last checked 30 September 2012). http://www.gamestudies.org/0102/mortensen/
- [44] Okebukola, P. A. (1986). The influence of preferred learning styles on cooperative learning in science. Science Education, 70, 509-517. doi:10.1002/sce.3730700505
- [45] Panksepp, J. (1998). Attention deficit hyperactivity disorders, psychostimulants, and intolerance of childhood playfulness: A tragedy in the making? Current Directions in Psychological Science, 7, 91-98. doi:10.1111/1467-8721.ep10774709
- [46] Parikka, J., & Suominen, J. (2006). Victorian snakes? Towards a cultural history of mobile games and the experience of movement. Game Studies, 6. URL (last checked 30 September 2012). http://gamestudies.org/0601/articles/parikka\_suominen
- [47] Prensky, M. (2003). Digital game-based learning. Computers in Entertainment, 1, 21. doi:10.1145/950566.950596
- [48] Quinn, R., Spreitzer, G., & Fu Lam, C. (2012). Building a sustainable model of human energy in organizations: Exploring the critical role of resources. The Academy of Management Annals, 6, 337-396. doi:10.1080/19416520.2012.676762
- [49] Reeves, B., & Read, J. L. (2009). Total engagement: Using games and virtual worlds to change the way people work and businesses compete. Boston, MA: Harvard Business School Press.
- [50] Roach, S. S., Johnston, M. W., & Hair, J. F. (1993). An exploratory examination of teaching styles currently employed in marketing education: Developing a typology and its implications for marketing students. Journal of Marketing Education, 15, 32-38. doi:10.1177/027347539301500305
- [51] Rose, J. (2010). Addressing conflict: Tension and release in games. URL (last checked 30 September 2012). http://www.gamasutra.com/view/feature/134313/addressing\_conflict\_tension\_and\_.php? print=1
- [52] Seligman, Martin, E. P., Steen, T. A., Park, N., & Peterson, C. (2005). Positive psychology progress: Empirical validation of interventions. American psychologist, 60, 410-421. doi:10.1037/0003-

066X.55.1.5				

- [53] Sheldon, K. M., & King, L. (2001). Why positive psychology is necessary. American psychologist, 56, 216-217. doi:10.1037/0003-066X.56.3.216
- [54] Sherrod, L., & Singer, J. (1989). The development of make-believe play. In Sports, games and play (pp. 1-38). Hillsdale, NJ: Erlbaum.
- [55] Schippers, M. C. (2003). Reflexivity in teams. Dissertation, Amsterdam: Free University.
- [56] Shippers, M. C., & Hogenes R. (2011). Energy management of people in organizations: A review and research agenda. Journal of Business Psychology, 26, 193-203. doi:10.1007/s10869-011-9217-6
- [57] Squire, K. (2002). Cultural framing of computer/video games. Game Studies, 2, 90. URL (last checked 30 September 2012). http://gamestudies.org/0102/squire/
- [58] Susi, T., Johannesson, M., & Backlund, P. (2007). Serious games—An overview. Sk?vde: School of Humanities and Informatics, University of Sk?vde.
- [59] Thomas, D., & Brown J. S. (2007). The play of imagination: Extending the literary mind. Games and Culture, 2, 149-172.
- [60] Whalen, Z. (2004). Play along—An approach to videogame music. Game studies, 4. URL (last checked 30 September 2012). http://www.gamestudies.org/0401/whalen/
- [61] Zimmerman, E., & Salen, K. (2003). Rules of play: Game design fundamentals. Boston, MA: MIT Press.

Home | About SCIRP | Sitemap | Contact Us

Copyright  $\ensuremath{\mathbb{G}}$  2006-2013 Scientific Research Publishing Inc. All rights reserved.