

FACULTY SCHOLARSHIP REPORTS FOR CALENDAR YEAR 2007

College	Department	Rank	First Name	Last Name		Full scholarly citation in style appropriate to discipline or institution, listing ALL authors in	Category of scholarship (per citation)
NYCCT	Mathematics	Assistant Professor	Holly	Carley	Mathematics	Strong-coupling limit for the ground state of a particle harmonic oscillator interaction. <i>J Math Phys</i> 48 (2007), no.1, 012101, 13pp.	Peer-reviewed article
NYCCT	Nursing	Assistant Professor	Patricia A.	Cholewka	Nursing	Cholewka, P.A. & Motlagh, M.M. (Eds.) <u>Health Capital and Sustainable Socioeconomic Development</u> . New York: Taylor & Francis Group, 2008.	Book
NYCCT	Mathematics	Assistant Professor	Laura	Ghezzi	Mathematics	L. Ghezzi, O. Kashcheyeva, "Toroidalization of generating sequences in dimension two function fields of positive characteristic." <i>J. Pure Appl. Algebra</i> 209 (2007), no.3, 631-649.	Peer-reviewed article
NYCCT	CST - Computer SystemsTechnology	Assistant Professor	Katia	Hristova	Computer Systems Technology	Katia Hristova, K. Tuncay Tekle, and Yanhong A. Liu. Efficient Trust Management Policy Analysis from Rules. In Proceedings of the 9th <i>International ACM SIGPLAN Symposium on Principles and Practice of Declarative Programming (PPDP)</i> . Wroclaw, Poland, July 2007. ACM Press, 2007.	Peer-reviewed Conference Proceedings
NYCCT	CST - Computer SystemsTechnology	Assistant Professor	Katia	Hristova	Computer Systems Technology	Katia Hristova, Tom Rothamel, Yanhong A. Liu, Scott D. Stoller. Efficient Type Inference for Secure Information Flow. <i>New Jersey Programming Languages and Systems Seminar (NJPLS)</i> , Camden, NJ, February 2007 (Presented by Katia Hristova)	Peer-reviewed Conference Proceedings
NYCCT	Mathematics	Assistant Professor	Delaram	Kahrobaei	Mathematics	G. Arzhantseva, P. de la Harpe, D.Kahrobaei, Z.Sunic. The true prosoluble completion of a group: examples and open problems. <i>Geom. Dedicata</i> 124 (2007), 5-26.	Peer-reviewed article
NYCCT	Mathematics	Assistant Professor	Delaram	Kahrobaei	Mathematics	B.Khan, K.R. Bhutani, D.Kahrobaei): A graphic generalization of arithmetic. <i>Integers</i> 7 (2007), A12,31pp. (electronic).	Peer-reviewed article
NYCCT	Physics	Assistant Professor	Lufeng	Leng	Physics	M. F. Arend, M. A. Ummg, L. Leng, and R. Dorsinville, "Extending the flat gain bandwidth of combined Raman-parametric fiber amplifiers using highly nonlinear fiber," in Proceedings of SPIE, Photonics West 2007, Jan. 2007, Vol. 6455, paper 20.	Peer-reviewed article - proceedings of conference
NYCCT	Physics	Assistant Professor	Lufeng	Leng	Physics	Y. Tian, X. Tian, L. Leng, T. Ye, Y. Su, "Optical VPN Connecting ONUs in Different PONs," OFC/INFOEC 2007, Mar. 25-29, Anaheim, California, USA, Paper OWL6.	conference proceedings, peer-reviewed
NYCCT	Physics	Assistant Professor	Lufeng	Leng	Physics	Y. Tian, T. Ye, L. Leng, and Y. Su, "A scalable all-optical VPN in multiple PONs with a two-stage TDM-WDM architecture," in Proc. ECOC 2007, Berlin, Germany, Sep. 2007, Paper 10.6.6.	conference proceedings, peer-reviewed
NYCCT	Physics	Assistant Professor	Lufeng	Leng	Physics	X. Xu, Y. Su, and L. Leng, "Experimental demonstration and cascability analysis of a tunable optical buffer based on a recirculating loop consisting of optical SSB modulator and FBG filter," <i>Optics Communications</i> , 280 (2007), pp. 271-277.	Peer-reviewed article
NYCCT	CST - Computer SystemsTechnology	Associate Professor	Hong	Li	Computer Systems Technology	Sunghoon Jang, Robert Russo, and Hong Li. Modifying the Existing Non-invasive Optical Glucose Sensing Device and Demonstrating the Optical Rotatory Effect of glucose in the presence of Glucose Medium ASEE Mid-Atlantic Conference Spring 07 at NJIT [Page Numbers?]	Peer-reviewed Conference Proceedings
NYCCT	Mathematics	Associate Professor	Janet	Liou-Mark	Mathematics	Liou-Mark, J. & Taraporevala, A. "Writing ... But this is Supposed to be a Mathematics Class." <i>New Jersey Mathematics Teacher</i> 65.1 (January 2007): 4-11.	Peer-reviewed article
NYCCT	CST - Computer SystemsTechnology	Associate Professor	Tatiana	Maljuta	Computer Systems Technology	Physical Design and Implementation of Relational Databases. ISBN 0536522979. Pearson Custom Publishing	Book
NYCCT	ETET - Electrical and Telecommunications Engineering	Assistant Professor	Zory	Marantz	Electrical Engineering Technology	ORENSTEIN P, MARANTZ Z, <i>Improving Communication in Wireless Networks via Mobility</i> , INFORMS International Conference, Puerto Rico, 2007 [Page Numbers?]	Peer-reviewed Conference Proceedings
NYCCT	Mathematics	Associate Professor	Arnavaz	Taraporevala	Mathematics	Liou-Mark, J. & Taraporevala, A. "Writing ... But this is Supposed to be a Mathematics Class." <i>New Jersey Mathematics Teacher</i> 65.1 (January 2007): 4-11.	Peer-reviewed article
NYCCT	Biological Sciences	Asst. Prof	Liana	Tsenova	Biological Sciences	Tsenova L., R. Harbacheusky, N. Sung, E. Ellison, D. Fallows and G. Kaplan. BCG Vaccination Confers Poor Protection against M. tuberculosis HN878-induced Central Nervous System Disease. <i>Vaccine</i> . 2007 Jul 9;25(28):5126-32. Epub 2006 Nov 27.	peer-reviewed article
NYCCT	Biological Sciences	Asst. Prof	Liana	Tsenova	Biological Sciences	J. L. Flynn, L. Tsenova, A. Izzo, G. Kaplan. Experimental Animal Models of Tuberculosis. In: SHE Kaufmann, and W.J. Britton eds. <i>Handbook of Tuberculosis: Immunology and Cell Biology</i> , WILEY-VCH Verlag GmbH & Co. KGaA, Weinheim, 2008.	Book Chapter
NYCCT	ADGA - Advertising Design and Graphic Art	Professor	Adrienne	Wortzel	Advertising Design & Graphic Arts	"The Rediscovery of Intelligence: 20 Years of AI in Zurich and World-Wide," <i>Artificial Intelligence Laboratory</i> (ed.), University of Zurich. Essay included: "Let There Be Life!" by Adrienne Wortzel. Pages 212-213	Peer reviewed book chapter
NYCCT	ADGA - Advertising Design and Graphic Art	Professor	Adrienne	Wortzel	Advertising Design & Graphic Arts	"Eliza Redux: A Mutable Iteration" by Adrienne Wortzel <i>Leonardo</i> , February 2007, Vol. 40, No. 1, Pages 31-36 and Posted Online January 12, 2007. (doi:10.1162/leon.2007.40.1.31).	Peer reviewed article
NYCCT	ADGA - Advertising Design and Graphic Art	Professor	Adrienne	Wortzel	Advertising Design & Graphic Arts	"Eliza Redux," in <i>Second Person: Role-Playing and Story in Games and Playable Media</i> , edited by Noah Wardrip-Fruin and Pat Harrigan. Pages 319-330. Cambridge, MA: MIT Press, 2007	Book chapter
NYCCT	Biological Sciences	Asst. Prof	Victoria	Ying	Biological Sciences	Ying V, Haverstick K, Page RL, Saltzman WM. Efficacy of camptothecin and polymer-conjugated camptothecin in tumor spheroids and solid tumors. <i>J Biomater Sci Polym Ed</i> , 18(10): 1283-1299, 2007.	peer-reviewed article