

STEM FACULTY SCHOLARSHIP REPORTS FOR CALENDAR YEAR 2007

| College | Department | First Name | Last Name | Full scholarly citation in style appropriate to discipline or institution, listing ALL authors in original order | Category of scholarship (per citation) |
|---------|---------------------|------------|-------------|---|--|
| NYCCT | Biological Sciences | Isaac | Barjis | Barjis I., Sierra M. "Conditional Probabilistic Modeling of Carbohydrate Metabolism" NSTI Nanotech 2007, Vol. 1, pp 642-645, ISBN 142006828 | peer-reviewed article |
| NYCCT | Biological Sciences | Isaac | Barjis | Barjis I., Zemmar A., Mohammad F., Sabel A.F., Samarrai W. "Modeling and Simulation of IRES - Engagement during the process of mRNA Translation in Cells infected with Hepatitis C Virus" Simulation Series Vol. 39, pp ISBN 1-56555-316-0 | peer-reviewed article |
| NYCCT | Biological Sciences | Isaac | Barjis | Barjis, I (2007). Business Process Modeling as a Blueprint for Enterprise Architecture. In Saha, P. (Ed.) Enterprise Systems Architecture in Practice. ISBN: 978-1-59904-189-6 | Book Chapter |
| NYCCT | Biological Sciences | Sanjoy | Chakraborty | Guha P, Aneja K, Chakraborty S , and Haldar D. Further characterization of mitochondrial glycerophosphate acyltransferase distal and proximal promoters. <i>FASEB Journal</i> , A286, 2007; April, Vol 21(5). | peer-reviewed article |
| NYCCT | Biological Sciences | Sanjoy | Chakraborty | Chakraborty TR, and Chakraborty S . Estrogen receptors in obesity and their signaling pathways <i>FASEB Journal</i> , A988, 2007; April, Vol 21(6). | peer-reviewed article |
| NYCCT | Biological Sciences | Vasilyi | Kolchenko | Arnold, R. Ramjit, D. Keng, V. Kolchenko and I Teroka, MicroParticle photophysics illuminates viral bio-sensing, Faraday Discuss, 2008, 137, pp. 65-83, DOI: 10.1039/b702920a | peer-reviewed article |
| NYCCT | Biological Sciences | Liana | Tsenova | 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 | Liana | Tsenova | J. L. Flynn, L. Tsenova, A. Izzo, G. Kaplan. Experimental Animal Models of Tuberculosis. In: SHE Kaufmann, and W.J. Britton eds. Handbook of Tuberculosis: Immunology and Cell Biology, WILEY-VCH Verlag GmbH & Co. KGaA, Weinheim, 2008. | Book Chapter |
| NYCCT | Biological Sciences | Victoria | Ying | 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 |

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| NYCCT | Chemistry | Peter | Spellane | European Patent Number 0 983 127 B1, Metal Corrosion Protection with Wash Coat of Polyphenylene Oxide (Metallkorrosionsschutz mit Washcoat aus Polyphenyloxid), April 17, 2007, to Polymer Alloys LLC, P. Spellane, Inventor. | Creative work - Patent |
| NYCCT | Chemistry | Peter | Spellane | Japan Patent Office, Patent Number 401123, Metal Corrosion Protection with Wash Coat of Polyphenylene Oxide, September 14, 2007, to Polymer Alloys LLC, P. Spellane, Inventor. | Creative work - Patent |
| NYCCT | CET - Computer Engineering Technology | Christopher | Frenz | Deafness mutation mining using regular expression based pattern matching, BMC Medical Informatics and Decision Making, 7, 32. | Peer reviewed article |
| NYCCT | CST - Computer SystemsTechnology | Candido | Cabo | Roman Ya. Kezerashvili, Candido Cabo, Djafar K. Mynbaev. The Transfer of Knowledge from Physics and Mathematics to Engineering Applications. Proceedings of the International Conference on Knowledge Generation, Communication and Management: KGCM 2007, July 8-11, 2007. Orlando, Florida, USA, Vol. 3 (2007) 234-239 | Peer-reviewed Conference Proceedings |
| NYCCT | ADGA - Advertising Design and Graphic Art | Aida | Mysan | "Electronic Student Career Portfolios at NYC College of Technology. <i>Best e-Learning Practices</i> , National Association of Distance Learning Centers in Spain : 385-392. | Peer reviewed article |
| NYCCT | CST - Computer SystemsTechnology | Rafael | Guidone | Physical Design and Implementation of Relational Databases. ISBN 0536522979. Pearson Custom Publishing | Book |
| NYCCT | CST - Computer SystemsTechnology | Katia | Hristova | 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 | Katia | Hristova | 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 |

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| NYCCT | CST - Computer SystemsTechnology | Hong | Li | 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 | CST - Computer SystemsTechnology | Tatiana | Malyuta | Physical Design and Implementation of Relational Databases. ISBN 0536522979. Pearson Custom Publishing | Book |
| NYCCT | CST - Computer SystemsTechnology | Marcos | Pinto | M.S. Pinto, H. Wei. "Designing of an expert systems that integrate faculty expertise in different domains", In Proceedings of SITE 2007, pp 1654-1656, St Antonio, TX, Mar 2007 | Peer-reviewed Conference Proceedings |
| NYCCT | ETET - Electrical and Telecommunications Engineering Technology | Djafar | Mynbaev | Djafar K. Mynbaev, "Bringing the spirit of industry into the engineering-technology classroom," (selected paper) <i>The International Journal of Modern Engineering</i> , 8.1 (Fall 2007): 69-84. | Peer reviewed article |
| NYCCT | ETET - Electrical and Telecommunications Engineering Technology | Djafar | Mynbaev | R. Ya. Kezerashvili, C. Cabo, D.K. Mynbaev, " The Transfer of Knowledge from Physics and Mathematics to Engineering Applications," in <i>Proceedings of the International Conference on Knowledge Generation, Communication and Management: KGCM 2007 jointly with The 11th World Multi-conference on Systemics, Cybernetics and Informatics: WMSCI 2007</i> , July 8-11, 2007 – Orlando, Florida, USA, Vol. 3, pp.234-239, 2007. | Peer-reviewed Conference Proceedings |
| NYCCT | ETET - Electrical and Telecommunications Engineering Technology | Chia-Jeng | Tseng | Chia-Jeng Tseng, "Pedagogic Considerations for Teaching Digital System Design Using VHDL," 2007 ASEE Annual Conference and Exhibition, Honolulu, Hawaii, June, 2007. [Page Numbers?] | What is this??? |
| NYCCT | ETET - Electrical and Telecommunications Engineering Technology | Zory | Marantz | 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 | ENT - Entertainment Technology | John | Huntington | <i>Control Systems for Live Entertainment, 3rd Edition</i> , Focal Press, 2007. | Book |
| NYCCT | ENT - Entertainment Technology | John | Huntington | "The ACN Future is Here." <i>Lighting and Sound America</i> , September 2007: 86-92. | Article other |
| NYCCT | ENT - Entertainment Technology | John | Huntington | Sound System Design: Trop fest Short Film Festival, September 2007 | Creative Work |
| NYCCT | ENT - Entertainment Technology | John | Huntington | Sound System Design, Fragrance Foundation Awards, Winter Garden, World Financial Center, May 2007 | Creative Work |

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| NYCCT | ENT - Entertainment Technology | Charles | Scott | <i>The Mystery of Irma Vep, A Penny Dreadful</i> by Charles Ludlam, Lighting Designer/Associate Producer, MadCap Productions, July 3-15, 2007, Urban Stages Theatre, NYC, New York | Creative Work |
| NYCCT | ENT - Entertainment Technology | David | Smith | <i>Dracula</i> , Composer & Sound Designer, Cincinnati Playhouse in the Park, August-September, 2007 | Creative Work |
| NYCCT | ENT - Entertainment Technology | David | Smith | <i>The Mystery of Irma Vep, A Penny Dreadful</i> by Charles Ludlam, Sound Designer/Composer, MadCap Productions, July 3-15, 2007, Urban Stages Theatre, NYC, New York | Creative Work |
| NYCCT | ENT - Entertainment Technology | David | Smith | <i>A Christmas Carol</i> , Composer/Sound Designer, Cincinnati Playhouse in the Park, December 2007 | Creative Work |