

Michael Rusch

Software Developer (ASAP and ERIC)



{mosmodule phpinc=contact_info.php,Michael Rusch,/~mcrusch/pub/MichaelRuschCV.doc}

Degrees and Training

* B.A. ([Computer Science](#)) 2003, [University of Wisconsin-Madison](#)

Professional Interests

* Web application development

Description

Primarily, I am responsible for the ongoing development of [ASAP](#), a PHP web application for community genome annotation. ASAP is currently running on a MySQL database at the [Genome Evolution Laboratory](#) and running on an Oracle database at the [Enteropathogen Resource Integration Center](#).

I am also an administrator for the GEL web site.

A small selection of software development tidbits may be found [on my blog](#).

Publications

- 1) Greene, J.M., G. Plunkett III, V. Burland, J.D. Glasner, E. Cabot, B.D. Anderson, E. Neeno-Eckwall, Y. Qiu, R. Mau, M. Rusch, P. Liss, T. Hampton, D. Pot, M. Shaker, L. Shaull, P. Shetty, C. Shi, J. Whitmore, M. Wong, S. Zaremba, F.R. Blattner, and N.T. Perna "A New Asset for Pathogen Informatics – the Enteropathogen Resource Integration Center (ERIC), an NIAID Bioinformatics Resource Center for Biodefense and Emerging/Re-emerging Infectious Disease". To appear in /The Genus Yersinia: From Genomics to Function./ Springer, New York.
- 2) Glasner, J.D., M. Rusch, P. Liss, G. Plunkett, 3rd, E.L. Cabot, A. Darling, B.D. Anderson, P. Infield-Harm, M.C. Gilson, and N.T. Perna, ASAP: a resource for annotating, curating, comparing, and disseminating genomic data. Nucleic Acids Res, 2006. 34(Database issue): p. D41-5.
- 3) Bartholomay, L.C., W.L. Cho, T.A. Rocheleau, J.P. Boyle, E.T. Beck, J.F. Fuchs, P. Liss, M. Rusch, K.M. Butler, R.C. Wu, S.P. Lin, H.Y. Kuo, I.Y. Tsao, C.Y. Huang, T.T. Liu, K.J. Hsiao, S.F. Tsai, U.C. Yang, A.J. Nappi, N.T. Perna, C.C. Chen, and B.M. Christensen, Description of the transcriptomes of immune response-activated hemocytes from the mosquito vectors Aedes aegypti and Armigeres subalbatus. Infect Immun, 2004. 72(7): p. 4114-26.
- 4) Glasner, J.D., P. Liss, G. Plunkett, 3rd, A. Darling, T. Prasad, M. Rusch, A. Byrnes, M. Gilson, B. Biehl, F.R. Blattner, and N.T. Perna, ASAP, a systematic annotation package for community analysis of genomes. Nucleic Acids Res, 2003. 31(1): p. 147-51.