

Presentations

1. Scott E Mottarella*, Corey Wischmeyer*, Brett Hanson*, Charles Westin*, Paul A Craig. Execute RasMol Scripts in PyMOL. American Society for Biochemistry and Molecular Biology, San Diego, CA, April 5-9, 2008.
2. L.M. Filkins*, L.E. Tubbs, P.A. Craig, M. Kenney and J.L. Mallonga*. Investigation of the effects of 2-naphthylamine on the protein expression of *Pseudomonas putida* KT2440. American Society for Biochemistry and Molecular Biology, San Diego, CA, April 5-9, 2008.
3. Scott Mottarella*, Brett Hanson*, Charles Westin*, Paul Craig, Herbert Bernstein. A Rasmol to PyMOL Translator. American Crystallographic Association 2008 Annual Meeting, Knoxville TN, May 31 - June 5, 2008.
4. Corey Wischmeyer*, Paul Craig, Herbert Bernstein. Homology Exploration with ProMOL. American Crystallographic Association 2008 Annual Meeting, Knoxville TN, May 31 - June 5, 2008.
5. Brett Hanson*, Charlie Westin*, Len Slatest, Paul Craig. ProMOL, Simplification and Increased Functionality of PyMOL. American Crystallographic Association 2007 Annual Meeting, Salt Lake City, UT, July 21-26, 2007.
6. Charles Westin*, Brett Hanson*, HJ Bernstein, I Awuah Asiamah, D Boycheva, G Darakev, N Darakev, J Jemilawon, N Jia, P Kamburov, G Todorov, PA Craig, Scott Mottarella.* SBEVSL: Communicating scripts between molecular visualization programs. American Crystallographic Association 2007 Annual Meeting, Salt Lake City, UT, July 21-26, 2007.
7. Charles W Westin*, Brett Hanson*, Paul A Craig. Using PyMOL's Align Feature to Create a Database of Ligand Binding Site Files for the Structural Analysis of Proteins. ASBMB Annual Meeting, Washington, DC, April 28 - May 3, 2007.
8. Brett Richard Hanson*, Charles Westin*, Paul A Craig. Using PyMOL's Selection Algebra for Enzyme Catalytic Site Prediction. ASBMB Annual Meeting, Washington, DC, April 28 - May 3, 2007.
9. Rachel Pleuthner*, Laura Ellen Tubbs, Paul A. Craig. Optimization of Isoelectric Focusing Parameters towards the Development of a Complement to the Ames Test. ASBMB Annual Meeting, Washington, DC, April 28 - May 3, 2007.

* Denotes Undergraduate Student

10. Richard L. Doolittle, Paul A. Craig, Katie Tower*, Mylissa Kowalski*. Organ system anatomy and histology in a virtual reality environment. AAA Annual Meeting, Washington, DC, April 28 - May 3, 2007.
11. Richard Doolittle and Paul A. Craig. Fantastic Voyage – 3D Visualization in Science (invited seminar). Canadian Association of Pharmaceutical Distributors and Manufacturers, Phoenix, AZ, May 2006.
12. Jillian Brandon*, Gwen DeCelles, Richard Doolittle and Paul A. Craig. Creation of a Virtual Reality/3D Environment of the Pancreas from Gross to Microscopic Level Slice of Life. Lausanne, Switzerland, July 5-8, 2006.
13. Laura Grell*, Christopher Parkin*, Paul A. Craig and Len Slate. EZ-Viz – A Tool for Simplifying Molecular Viewing in PyMOL. The Protein Society Annual Meeting, San Diego, CA, August 5-9, 2006.
14. Julia L. Kohn*, Laura Ellen Tubbs, and Paul A. Craig. Protein analysis using phoretix 2D software analysis of 2D-gels and mass spectrometry. American Chemical Society National Meeting, San Francisco, CA, August, 2006.
15. Brett Hanson*, Charles Westin*, Len Slate, Paul A. Craig. EZ-Viz Version 2.0. Northeastern Regional Meeting of the American Chemical Society, Binghamton, NY, October, 2006.
16. Paul A. Craig. Implementing a Peer Review System in a Digital Library. NSDL PI/PD All Projects Meeting, Chicago, IL, November 14-17, 2004.
17. Paul A. Craig. BioMoleculesAlive, the ASBMB Digital Library (invited seminar). American Society of Biochemistry and Molecular Biology, San Diego, CA, April, 2005.
18. Paul A. Craig. Proteomics in Undergraduate Education (invited seminar). American Society of Biochemistry and Molecular Biology, San Diego, CA, April, 2005.
19. Paul A. Craig. Using simulations to introduce proteomics and bioinformatics to Undergraduates (invited seminar). ASBMB Annual Meeting, Boston, MA, June 12-16, 2004.
20. Yolanda George, Marguerite Coomes, Melinda Lowe, Paul A. Craig. The BioSci Education Network (BEN) Collaborative Workshop (invited seminar). MERLOT International Conference, Vancouver, BC, August, 2003.
21. Yolanda George, Marguerite Coomes, Melinda Lowe, Paul A. Craig. BiosciEdNet (BEN): a Portal to Digital Libraries for Teaching in the Biological Sciences (invited

- seminar). MERLOT International Conference, Vancouver, BC, August, 2003.
22. Paul A. Craig, Marlene Kayne, Tim Driscoll. BioMoleculesAlive, the ASBMB Digital Library (invited seminar). ASBMB Annual Meeting, San Diego, CA, April, 2003.
 23. Paul Craig, Peng Yang and Phil Bourne. Bioeditor: A Tool for Structure Annotation (invited seminar). University of California, Santa Barbara, Computer Science Colloquium, January 14, 2002.
 24. Paul A. Craig, Peng Yang and Phil Bourne. Bioeditor: A Tool for Structure Annotation (invited seminar). American Society of Biochemistry and Molecular Biology Annual Meeting, New Orleans, LA, April, 2002.
 25. Bohdan Schneider and Paul A. Craig. The Protein Data Bank (invited seminar). From Genes to Drugs via Crystallography, Erice, Italy, May 24-June 2, 2002.
 26. Paul A. Craig, Project Oriented Biochemistry Laboratory (invited seminar). Biennial Conference on Chemical Education, July 30 – August 3, 2000.
 27. Jonathan W. Cooper, Paul A. Craig. Capillary electrophoresis determination of the natural product yohimbine through factorial design. ASBMB annual meeting, Boston, MA, June 4–8 , 2000.
 28. Paul A. Craig. Learning by drawing in an introductory organic and biochemistry course. ASBMB annual meeting, Boston, MA, June 4–8, 2000.
 29. Paul A. Craig, David Mix, Kristin Cotton. Simulating biochemical separations using protein data bank files. ISMB2000, San Diego, CA, August 20–24, 2000.
 30. Paul A. Craig. Distance Learning at RIT, Part 1: Assessment of Tools (invited seminar). American Chemical Society Annual Meeting, New Orleans, LA, August 22-26, 1999.
 31. Mark J. Biscone,* Paul A. Craig. Purification of threonine dehydrogenase using hydrophobic interaction chromatography. NCUR 99, Rochester, NY, April 10, 1999.
 32. Paul A. Craig, Use of Internet resources in the undergraduate biochemistry laboratory (invited seminar). American Society of Biochemistry and Molecular Biology, Washington, D.C., May 16-20, 1998.
 33. Paul A. Craig, David Mix, Simulation of Electrophoresis on a Web Page Using JAVA. IUBMB Satellite #3, Biochemical Education, San Francisco, CA, August 22-23, 1997.
 34. Paul A. Craig. Project Oriented Biochemistry Laboratory Course for Undergraduates Laboratory. IUBMB Satellite #3, Biochemical Education, San Francisco, CA, August 22-23, 1997.

35. Lisa Sturm,* Paul A. Craig. Purification of L-threonine dehydrogenase from *Enterobacter aerogenes*. ACS Northeast Regional Meeting, Saratoga Springs, NY, June 22-25, 1997.
36. Carrie Benware,* PA Craig. Rapid colorimetric enzyme assay using a water soluble tetrazolium dye, MTS. ACS Northeast Regional Meeting, Saratoga Springs, NY, June 22-25, 1997.
37. Paul A. Craig, Ming Ge, Kristin Cotton. Practice Makes Perfect: Simulation as Preparation (invited seminar). ACS National Meeting, Orlando, Florida, August, 1996.
38. Paul A. Craig, Careers in Chemistry, Building a Chemical Career in the 21st Century. 25th Northeast Regional Meeting of the American Chemical Society, Rochester, NY, October, 1995.
39. Paul A. Craig and Ming Ge. Computer-Aided Education in the Undergraduate Biochemistry Laboratory. American Society of Biochemistry and Molecular Biology, San Francisco, CA, May 21-25, 1995.