

Mini Workshop Session I

Bosela, Michael J. *Use of Plant Tissue Cultures for the Demonstration of Plant Mineral Nutrient Deficiency Symptoms*. Indiana University-Purdue University at Fort Wayne, Fort Wayne, IN.

Guinan, Judy¹, Jeremy Wojdak¹, & Joseph Wirgau². *Incorporating the “real world” into laboratory exercises*. ¹Biology Department, ²Chemistry Department, Radford University, Radford, VA.

Landon, Beth. *Before the Cradle and Beyond the Grave*. Department of Biology, Oklahoma City University, Oklahoma City, OK.

Moore, Susan A. *Gambling with Genetics: Introduction to Probability and Chi Square Analysis*. Duquesne University, Department of Biological Sciences, Pittsburgh, PA

Thuna, Mindy. *Excuse me, may I interject? - Using current news articles to step into the middle of a scientific conversation*. U of T Mississauga Library, Mississauga, ON.

Noel, Tanya & Jennifer Petruniak. *High expectations – Transforming first year students into ethical scientists*. Department of Biology, York University, 4700 Keele Street, Toronto, ON.

Wall¹, Shelley, & Dave Mazierski². *Scientific illustration: a painless introduction to observational laboratory drawing*. ¹Biomedical Communications, Institute of Communication and Culture University of Toronto Mississauga, Mississauga, ON.; ²Biomedical Communications Program Institute of Medical Science, Faculty of Medicine, University of Toronto, Toronto, ON.

Mini Workshop Session II

Ford, Rosemary H. *Squirrel Ecology on an Urban Campus*. Biology Department Washington College, Chestertown, MD

Gittens, Joanne. *Concept Maps in the Biology Laboratory: A Tool for Meaningful Learning and Assessment*. Robert Gillespie Academic Skills Centre University of Toronto, Mississauga, ON.

Karcher, Susan J. *Bioethics Debate and Case Studies in the Teaching Laboratory*. Department of Biological Sciences, Purdue University, West Lafayette, IN.

Leicht, Brenda G. *Reverse Genetics: Identification of Arabidopsis Lines with T-DNA Insertions in a Gene of Interest*. Department of Biological Sciences, University of Iowa, Iowa City, IA.

Miller, Kristen & Cara Gormally. *Strategies for Responding to Student Laboratory Writing Assignments*. Biosciences, University of Georgia, Athens, GA.

Niedzlek-Feaver¹, Marianne, Betty L. Black¹, Patricia Aune². *Protein electrophoretic banding patterns as indices of differential gene activity*. ¹Zoology, ²Biological Sciences Interdepartmental Program, North Carolina State University Raleigh, NC

Walvoord, Mark. *(Power)Point me in the right direction in lab!* University of Oklahoma, Norman, OK.

Mini Workshop Session III

Catalano, Andrew, & Danton H. O'Day. *A quick, simple, and accurate chemotaxis bioassay*. Department of Biology, University of Toronto at Mississauga, Mississauga, ON.

Hendrickson, Triscia W. & Lawrence S. Blumer. *Implementation of Peer-Led Team Learning in an Introductory Biology Course*. Morehouse College, Atlanta, GA.

Jack, Martha. *Bringing the Lab into Your Lectures*. Biology Department, Indiana University of Pennsylvania, Indiana, PA.

McMahon, Karen A. *Updating the Taste Test for the A&P Laboratory*. Biological Science, University of Tulsa, Tulsa OK.

Meir, Eli. *Hardy-Weinberg lab in EvoBeaker: Help with new study on teaching Hardy-Weinberg equation*. EvoBeaker, Ithaca, NY.

Ratcliff, Rachel. *Quick Ecology Experiments for Introducing the Scientific Method*. Department of Biological and Health Sciences, Texas A&M University – Kingsville, Kingsville TX.

Mini Workshop Session IV

Barrette-Ng, Isabelle & Don MacMillan. *Gaining a deeper and more integrated understanding: linking Mendelian genetics with molecular genetics using web-based bioinformatics tools*. Department of Biological Sciences, University of Calgary, Calgary, Alberta.

Kurabi, Bochra & Anne Cordon. *Adding student assessment to ABLE peer review*. Department of Biology, University of Toronto at Mississauga, Mississauga, ON.

Nickle, Todd. *Riddles as a Metaphors: Illustrating the Role of Experimentation in Constructing a Scientific Theory*. Mount Royal College, Calgary, AB.

O'Day, Danton H. *FAMIS Animations as Teaching Tools and Laboratory Exercises: Their Value and How to Make Them*. Department of Biology, University of Toronto at Mississauga, Mississauga, ON.

Smith, Pliny A. *Phenotypes to genotypes using C. elegans*. Biology Department, Lake Forest College, IL.

Yezerki, Ann. *Using Microfossils as the Basis for a Laboratory Module on Topics in Evolution and Ecology (In Memorial of Charlie Drewes)*. King's College, Wilkes-Barre, PA.