



## GREAT LAKES RECREATIONAL WATER QUALITY ASSOCIATION

### List of Presentations:

- Fecal Indicator Abundance Higher in Freshwater Bathing Beach Sand than in Water Column* E.W. Alm, J.M. Burke, E.L. Francis, A.J. Matthews; Central Michigan University
- Preliminary Comparative Analysis of Two Models used to Predict E. coli Levels in Recreational Water in Milwaukee* Mary Ellen Bruesch, Paul Biedrzycki; City of Milwaukee Health Department
- Distribution and Characterization of E. coli in the Dunes Creek Watershed, Indiana Dunes State Park* M. N. Byappanahalli, M. Fowler, M. B. Nevers, D. Shively, R. L. Whitman; USGS Porter, IN
- Predictive models for Escherichia coli at Ohio bathing beaches* D.S. Francy, R.A. Darner; USGS, Columbus, OH
- Concentration of Escherichia coli in the swash zone at four Ohio bathing beaches* D.S. Francy, A.M. Gifford; USGS, Columbus, OH
- Dissemination of Beach Quality Information and Notification Nationwide* T. Gormley; Earth 911, Phoenix AZ
- Environmental Influences on Numbers of E. coli and enterococci in Beach Water, Grand Traverse Bay, Michigan* S.K. Haack<sup>1</sup>, L.R. Fogarty<sup>1</sup>, C. Wright<sup>2</sup>; <sup>1</sup>USGS, Lansing; <sup>2</sup>Grand Traverse Bay Watershed Center, Traverse City, MI
- Rapid Method for Detecting E. coli in Recreational Water Using Immunomagnetic Separation and ATP Bioluminescence* JiYoung Lee, R. A. Deininger, A. Ancheta; University of Michigan
- Evaluation of Beach Grooming Techniques on Escherichia coli Densities in Foreshore Sands at North Beach, Racine, WI* J.L. Kinzelman<sup>1,2</sup>, R.L. Whitman<sup>3</sup>, M.N. Byappanahalli<sup>3</sup>, E.K. Jackson<sup>4</sup>, R.C. Bagley<sup>1</sup>; <sup>1</sup>City of Racine Health Department, WI; <sup>2</sup>Univ. of Wisconsin, Milwaukee; <sup>3</sup>USGS, Porter, IN; <sup>4</sup>Univ. of Surrey, Guildford, United Kingdom
- Elements of a Predictive Model for Determining Beach Closures on a Real Time Basis: The Case of 63<sup>rd</sup> Street Beach Chicago* G.A. Olyphant<sup>1</sup> and R.L. Whitman<sup>2</sup>; <sup>1</sup>Indiana University; <sup>2</sup>USGS, Porter, IN
- Lake Michigan Federation Annual Coastal Community Survey Results* L. O'Sullivan; Lake Michigan Federation, Chicago
- Modeling the Variability of Escherichia coli at West Beach, Indiana Using GIS: Implications for Beach Management* S.J.M. Rabinovici<sup>1</sup>, R.L. Whitman<sup>2</sup>; <sup>1</sup>USGS, Menlo Park, CA; <sup>2</sup>USGS, Porter, IN
- Report for U. S. Environmental Protection Agency's Great Lakes Beach Monitoring Program 1998-2001* D. Rockwell, M. Aviles-Quinterro; Great Lakes National Program Office, Chicago
- Urban Stormwater Contributions to Poor Water Quality in the Menomonee River, Milwaukee, Wisconsin* A.K. Salmore, S.L. McLellan; University of Wisconsin, Milwaukee
- Discriminating E. coli Isolated from Various Human and Nonhuman Sources Bases on Analysis of Random Amplified Polymorphic DNA (RAPD) Patterns* W.T.E. Ting, D.S. Johnson, C.C. Tseng; Purdue University Calumet
- A Preliminary Study of the Sources of E. coli Contamination at Marquette Park Beach by Random Amplified Polymorphic DNA typing* W.T.E. Ting, C.C. Tseng; Purdue University Calumet
- Differentiation of E. coli Isolated from Human and Nonhuman Sources Using Automated Ribotyping Method* C.C. Tseng, D.J. Johnson, W.T.E. Ting; Purdue University Calumet
- Application of Petrifilm™ for Escherichia coli Monitoring* J. H. Vail; Annis Water Resources Institute, Muskegon, MI
- BEACHCAST: Developing an information model to support beach monitoring in the Great Lakes region* K. Yam, C. Manninen; Great Lakes Commission, Ann Arbor, MI