

J. Brent Friesen, PhD
Conference Presentations

“Qualitative and Quantitative Evaluation of Solvent Systems for Countercurrent Separation.” CCC2014 in London, England, July 23-25, 2014

“Guessmix Evaluation of Chloroform and Dichloromethane-based Solvent Systems for Countercurrent Separations.” (Poster) CCC2014 in London, England, July 23-25, 2014

“Molecules and Mystery.” Caritas & Veritas Symposium, Dominican University, September 24, 2013

“Assigning Polarity and Selectivity Characteristics to Biphasic Solvent Systems for Countercurrent Chromatography.” MUACC Midwest Universities Analytical Chemistry Conferences, September 27 – 29, 2012

“Personal Viewpoints of the Unity and Diversity of Science” (Panel Member) Caritas & Veritas, Dominican University September 25, 2012

“NMR-Guided Countercurrent Purification and Quantification of Green Tea Catechins.” CCC2012 in Hangzhou, China, August 6 -8, 2012

“Targeted Analysis of Natural Products by K-Based Countercurrent Separation.” (Poster) CCC2012 in Hangzhou, China, August 6 -8, 2012

“Countercurrent Chromatography into the Mainstream.” Shanghai and Hangzhou, China. January 2011

“A SURE (Summer Undergraduate Research Experience) Path to Transfer Success.” ACCA Scholarship of Pedagogy Symposium, October 15, 2011

“Research, Right and Wrong.” (Panel Member) Caritas & Veritas Symposium. Dominican University, September 27, 2011

“Dehydration of 3 and 4-methyl-1-cyclohexanols: A study of reaction rates and product distributions. ACS Great Lakes Regional Meeting.” Saint Louis, MO, October 10 -12 2011

“Chromatographic Orthogonality Resolves Structurally Similar Natural Products.” (Poster) American Society of Pharmacognosy, July 30 – August 3, 2011

“OChemOnline: a Public Access Wiki to Extend Organic Chemistry Laboratories in Time and Space.” Pedagogy Symposium Dominican University October 30, 2010

“Man in the Gap: my views on the relationship of science and spirituality.” Caritas & Veritas Dominican University September 2010

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“The Use of Biorenewable Solvents in the Formulation of Countercurrent Separation Solvent Systems Countercurrent Chromatography” CCC2010 Biannual Meeting
Lyon, France July 2010

“Development of prEEdiCCt – A Software Tool for the Modeling of Countercurrent Separations.” (Poster) CCC2010 Countercurrent Chromatography Biannual Meeting
Lyon, France, July 2010

“Unique Analytical Capabilities of Countercurrent Chromatography.” 11th Annual NIH SBIR/STTR Conference (Small Business Innovation Research) Omaha, Nebraska
July 2009

“Dehydration of Methylcyclohexanols: Investigation of Reaction Mechanisms and Development of Student Laboratory Experiences in Organic Chemistry.” American Chemical Society Great Lake Regional Meeting, May 2009

“Anti-Tuberculosis Natural Products in Galangal (*Alpinia officinarum*) and Ginger (*Zingiber officinale*).” Dominican-Rush Science Lecture Series, October 2008

“GUESSmix Guided Optimization of EECCC Separations.” CCC2008 Countercurrent Chromatography Biannual Meeting Rio De Janeiro, Brazil, July 2008

“Anti-Tuberculosis Natural Products in Ginger (*Zingiber officinale*).” Dominican University Faculty Seminar Series, January 2008

“From Zero to Infinity - Countercurrent Metabolomics Across the Polarity Continuum.” (Poster) American Society of Pharmacognosy. Portland, Maine, August 2007

“Exploration of Natural Products Chemical Space with Countercurrent Chromatography.” (Invited Presentation) 4th Annual Meeting for the Investigation of Natural Products in Monterrey, Mexico. May 2007

“CCCSSI: Countercurrent Chromatography Solvent System Investigation” UIC College of Pharmacy Seminar Series, January 2007

“Establishing Trends in Countercurrent Solvent System Families with G.U.E.S.S. Mix Standards” CCC2006 Countercurrent Chromatography Biannual Meeting in Bethesda, MD, August 2006

“Anti-Tuberculosis Natural Products in Galangal (*Alpinia officinarum*) and Ginger (*Zingiber officinale*)” American Society of Pharmacognosy, Washington D.C. August 2006

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“Forensic Science Laboratory Experiments” ACCA Spring Workshop: at Trinity Christian College, April 2006

“Anti-Tuberculosis Natural Products from Ginger” Dominican University Faculty Seminar Series, February 2006

“A Scientist Makes a G.U.E.S.S.” Dominican University Faculty Seminar Series, February 2005

“A Balanced Approach to Learning Reaction Mechanisms.” American Chemical Society Great Lakes Regional Meeting, October 17-20, 2004

“Chem-History: Real People with Real Stories.” Associated Colleges of the Chicago Area (ACCA) Scholarship of Pedagogy Symposium, October 2, 2004

“G.U.E.S.S. A Generally Useful Estimation of Solvent Systems in CCC.” CCC2004 Countercurrent Chromatography Biannual Meeting in Tokyo, Japan, August 3 to September 5, 2004

“G.U.E.S.S. Work Helps Separate Bioactive Natural Products.” (Poster) 2004 International Congress on Natural Products Research, American Society of Pharmacognosy, July 31 to August 4, 2004

“Pharmaceuticals From Natural Products” (Keynote Address) Illinois Association of Chemistry Teachers (IACT) annual meeting, October 11, 2002

“From West Africa to Walgreens” Dominican University Faculty Seminar Series Presentation January 31, 2001

“Traditional Medicine Meets Pharmacognosy” Dominican University Faculty Seminar Series, October 20, 1999