

The Fourth Annual

Academic Excellence Conference

Saturday, March 27, Lloyd P. Young Student Center

Free and open to the public

8:30-9 A.M.

General Registration

Student Center Atrium

9-9:15 A.M.

Welcome from Janet Gross, vice president for academic affairs at KSC

Mabel Brown Room

The Presentations

(Pick up a program at the conference for room details)

9:25-9:55 a.m.

Race, Boston and the Red Sox: Continuity in Racial Attitudes, 1967-Present – Dennis Stupka

Adults Who Witnessed Violence as Children: A Study of Prevailing Long-term Effects of Witnessing Violence in Childhood – Bonnie Kaufman

Beer and Shopping Malls: The Spatial Nature of Consumption – Caitlin Dion, Nicholas McCready, Loren Peet, and Melissa Tasca

Web Crawling – Kenneth Wiley

The Cultural Influence of China: *Mona in the Promised Land* – Mark Metevier

Power Polygons: Making Mathematics More “Powerful” – Robert Tiebout

Phytoremediation of Lead in Ashuelot Riverbank Soil Using *Brassica juncea* – Sarah Ritter

10:05-10:35 A.M.

Shelley’s Theory of Natural Diet and its Relation to Modern Society – Laura Bogart

Randomness Revealed – Andrea Drake and Chelsea Wilcox

Finding a Little Space to Stand: Working Women in the Antebellum South – Nicole Somero

eCommerce and Website ROI: Post dot-com Collapse – Thomas Zimmermann

Presidential Advocacy of Civil Values in the United States During the Civil War, the Great Depression and the War on Terror – Shannon Feeley

Literacy in Physical Education – Brenda Bernier, Derek Vanoudenhove, Erin Mehner, Amy Zombeck, Kelly Newman, and Joseph Leroy

Empires Fall: The Hubris of Playing King of the Mountain – Steven Gravelle

10:45-11:45 A.M.

Tracking and Educational Inequality – Heather St. Pierre, Corinne Fenton, Ashley Monier, Jennifer Sponzo, and Norma Hancock

Empire, Exploitation and Resistance: Indians, Women and Workers in the Early Modern English Atlantic World – Charles Ziniti and Benjamin Pelletier

Women’s Voices, Feminists’ Theories – Eliza Sieswerda, Katelyn Haig, Kelly Conlan, Andrea Farnsworth, Kristin Mount, Jennifer Costa, and Joy Cole

The Effect of Calcium and pH Variation on Problem Solving Ability of *Physarum polycephalum* – Skyler Degenkolb

Emotional and Mental State Recognition in Faces and Voices: A Study Comparing Neurotypical Young Adults with Young Adults with High Functioning Autism and Asperger Syndrome – Nicole Crawford

Structure and Reactivity of Cinnamylidenemalonic Acid and Surface Reactions of the beta-Hydroquinone Polymorph – Lisa Bennett

Trends in Education: A Study of New Hampshire Public Schools – Taryn Horozy

Regional Differences: The Geography of New Hampshire’s Government and Politics – Benjamin Spaulding

Depression, Hypochondria and Personality Type – Amanda Richer

Nutrition Considerations for Children: Sports and Vegetarianism – Kim Foster and Melanie Farwell

The Settlement of New Hampshire 1623-2003 – Anthony Ferraro

Housing in New Hampshire – Ashley Briand

Trade in New Hampshire – Danielle Boles

The Road Less Traveled: Sustainable Transportation for Keene State College – Pamela Ball

11:55 A.M.-12:25 P.M.

Perceptions of Alcohol Consumption on a College Campus as a Function of Gender, Age and Perceived Alcohol Consumption Level – Sarah Drucker

Triangular Numbers and Perfect Squares – Jennifer Letourneau

Land of the Free, Home of the White: The Chinese Struggle to Gain Citizenship in 19th Century America – Cathleen Brennan

Exploring the Career Paths of Sociology Alumni at Keene State College – Rebecca Spiegel and Sarah Swasey

Using Stable Isotope Analysis to Differentiate Migratory and Residential Canada Geese (*Branta canadensis*) in Norfolk, Mass., and Quebec, Canada – Katherine Andreozzi

Discrepancies Between the Ideal and Reality of Student Governance at Keene State College – Allysha Lane

The Salad Bowl: Differentiating Instruction and Increasing Multicultural Awareness Through Immigration Studies – Jennie Calnan and Erin Hill

1:55-2:25 P.M.

The Will of a Vampire, The Fate of a Vampire – Shawn Kelly

Discrimination Against Those with Alcohol and Drug Diseases – Sue Webb

Patenting Life: Health Restrictions Caused by Globalization – Kim Dowd

Network Security – Ian Hand

Mathematical Masterpieces – Allysha Lane

How do Pawpaw (*Asimina triloba*) Flowers Attract Their Pollinators? – Courtney Ley

Apples and Integrated Pest Management: A Model for Curriculum Development Based on Community Involvement and Research – Bryanna Silva, Nathaniel Ware, and Sara Davis

2:35-3:05 P.M.

Women in the Cape Cod Fishing Industry – Shannon Eldredge

The Green Line: A Policy Analysis of Implementing Green Campus Initiatives at Higher Education Institutions – Eric Lovely

“Ode to a Nightingale”: A Portrayal of Becoming One with Heidegger’s “Authentic Self” – Gregory Gilewski

Benford’s Law and the Significance of the First Digit Numbers – Tara Jones-Hudson

Right Hemisphere Priming Effects in Mental Rotations Performance – Timothy Gann

American Attitudes Toward Abortion – Sarah Swasey

History Alive! Using Interactive Methods to Teach Key Concepts in Social Studies – Dana Schreiber and David Gregal

3:15-4:15 P.M.

Writing in Community: Authenticity and Risk-Taking in Academic Writing – Brian Clinton, Weston Forsblad, Emily Kuhl, Jennifer Mavris, and Lisa Norcross

Building a Global Village – Christine White, Tara Lucchetti, Dennis Stupka, Benjamin Wheeler, Pamela Stinson, and Danielle Smith

Sor Juana Ines de la Cruz in Modern Feminist Thought – Laura Bogart, Heather Boucher, and Amy Pandolfi

The Economic Effect of the Striped Bass Conservation Act on the Rock Harbor Charterboat Association – Cary Williams

Successful Peers: Developing a Training Program for Peer Tutors in Biology – Peter Dumont

Perceptions and Prejudices: Women, Science and Mathematics at Keene State College – Catherine Avener and Andrea Drake

Gender Difference in Personality Type of College Students with Anxiety Disorders – Kristin Mount

Public Education in New Hampshire: Key Issues and Their Impact on Students – Elizabeth S. Campbell

Honors Research: Attitude Change as a Function of Eating Disorder Media Exposure – Danielle Rodizza

Synthesis and Characterization of Dithiachlorins – Christopher Rinaldo

New Hampshire’s Agricultural Heritage – Sonja-Sarai Fritz

Galanthamine Induces Physical Malformations, Paralysis and Death in Developing Zebrafish Embryos – Christopher Watt

Maps Across the Curriculum – David Gregal

4:25-4:55 P.M.

Go Teach and Learn, Summberbridge! – Allysha Lane

The State Budget Crisis: Do Balanced Budget Requirements Really Work? – Melissa Vaughn

Vitamin A Deficiency in Developing Countries and Biofortified Staple Crops as a Solution – Megan Smith

The Impact of Support Groups and Trait Hope on Stress and State Hope Levels in Parents of Children on the Autistic Spectrum – Courtney Dillon

Global Village: Guatemala – Sarah Barkhouse, Andrew Leone, Anne Mullane, Lindsay Gorman, Shaina Seidner, and Bonnie Kaufman

Dostoevsky’s Prince and the Women’s Question – Judith Grophear