

Keene State College Presents

Saturday, March 31, 2007

The Seventh Annual Academic Excellence Conference



Join Keene State College students and their faculty sponsors to learn about some of the most ambitious academic work of the 2006-07 year. The conference is held in the Science Center, the Media Arts Center, and the Student Center.

9:40-10:10 A.M.

MABEL BROWN ROOM, STUDENT CENTER

Performance

“Haute Couture”: A Modern Dance Examination of the Effect of the Media on Today’s Society – Adam Berube

Performers: Shawn Ahern, Danielle Discenzo, Hannah Fluet, Angela Hartley, Jessica Howard, Tiffany Joslin, Kat Kimball, and Amy Tessitore

SCIENCE CENTER

Oral Presentations

SCIENCE 126

Reading Instruction Informed by Local Classroom-Based Internal Assessment – Ritu Budakoti

SCIENCE 154

Deceptive Dissections and the Fibonacci Sequence – Matt Brewer and Jillian Riehl

SCIENCE 161

Cornerstones of the Classroom Life: Rules and Logical Consequences of the Responsive Classroom – Katherine Costello, Brianne Ito, and Jamie Tilton

SCIENCE 163

Kondratieff Waves – Laszlo Kovacs Jr.

SCIENCE 181

So What Have They Got That We Aint Got? – Jessica Paiva, Jennifer Richinick, and Emily Spencer

10:20-10:50 A.M.

SCIENCE CENTER

Oral Presentations

SCIENCE 102

Education and Incarceration: The School-to-Prison Experience – Sharon Gralnick

SCIENCE 129

Intersections of Critical Thinking and Creative Process – Lauren Scannell

SCIENCE 154

Algebra Tiles – John Mannarini and Scott Towle

SCIENCE 161

Public Perceptions of the Removal of the Homestead Woolen Mills Dam, Swanzey, New Hampshire – Adam Marcoux, Jenna Zemrak, Sarah Desrosiers, and Tabatha Manley

SCIENCE 163

The Art of Protest: The Role of Art in the History of Protest – Wendy Bellew

SCIENCE 175

Fostering Healthy Snack Choices to Youth – Halley Rust and Stephanie McGrath

11-11:30 A.M.

SCIENCE CENTER

Oral Presentations

SCIENCE 102

Reexamining Methods of Discipline in Public High Schools – George Hanna

SCIENCE 129

Incorporating Circular Geoboards into Your Curriculum – Joseph McDonough and Chad Tibbetts

SCIENCE 154

UV Light and the Production and Bleaching of Color Centers in Transparent Materials – Everett Kysor

SCIENCE 161

From Chalk Dust to Pixels: Real-Time Manipulation of Graphic Images in a Classroom – Jennifer Lewis

SCIENCE 163

The Ghostbuster’s Approach to Higher Education: University Parapsychological Programs and the Rhetoric of Disciplinary Legitimacy – Dominic DiBenedetto

SCIENCE 175

The “Spirit” and the “Weapon”: The Radical Abolitionism of John Brown – Norman Murray

11:40 A.M.-12:40 P.M.

SCIENCE CENTER

Oral Presentations

SCIENCE 129

Body Adornment in Different Cultures – Bonnie Young and Sarah Lavoie

SCIENCE 129

Geography of Extreme Sports – Meagan Blais and Forrest Parsons

Panel Discussions

SCIENCE 102

Addressing the Impact of Childhood Obesity – Crystal Anilowski, Melissa Azzaro, Rachel Colby, and Dana Rider; Collaborative Researchers – Kaitlyn Ebbighausen and Stephanie Konopaske

SCIENCE 126

A Comparison of Fuels and the Ecological and Health Benefits: Petro Diesel vs. Bio Diesel – Conor Hobbs, Nicole Landry, Brendan McDuffee, and Kelly McGovern

SCIENCE 154

The Academic Paper: An Alternative Method to Researching and Writing – Sarah Cushing, Ashley Chamberlain, and Ross McLean

SCIENCE 161

The Matrix: A Collaborative Analysis – Dustin Howard, Justin Wakefield, and Shane Wiechnik

SCIENCE 181

Using Content Analysis to Investigate Representations of Gender on TV and in Films – Timothy Prather and Allison Warren

12:45-1:55 P.M.

ZORN DINING COMMONS

Presenters’ Luncheon

Provost’s Welcome – Dr. Mel Netzhammer

Keynote Address – Dr. Melinda Treadwell

continued

2:05-3:05 P.M.

MEDIA ARTS CENTER

Poster Presentations

Effects of the Pesticides Bifenthrin and Glyphosate on *Xenopus Laevis*

– Jason Beckta

Funny Things Are Everywhere: A Snapshot of the Microbial Diversity in the Keene State College Compost Pile

– April Keezer, Brian Conrad, Andrew Consiglio, Daniel Deer, Kassandra Dupre, John Grainger, Jeffrey Holway, Mary Loughlin, Cynthia Magnuson, Kristie Orkins, Christin Saucier, Adam Schubel, Cody Thiboult, and Stephanie Wescott

Modern Scientific Illustration – Jaime McGuigan

Overcoming the Historical Problems Associated with the Study of Angiogenesis

– Daniel Deer; Collaborative Researchers – Sophia Campbell, Vannard Davis, Raheid Dirden, Whitney Livingston, James Heard, Ketaki Desai, and Chris Quick

Controlling the Strength of Metal-Oxygen Bonds to Enhance the Reactivity of Metal Oxide Catalysts – Benjamin Fowler

Dendritic N-Heterocyclic Carbenes: New Ligands to Encapsulate Large Metal Atoms? – Katelynn Lee

Synthesis and Analysis of Peptide-Amphiphiles – Caroline Dulaney

The Occurance of Mosquito Breeding in Natural and Man-Made Habitats – Ryan Naujoks

Quantifying Intangible Benefits in Dam Removal Decisions – Veronica Mort

A Vanishing Resource: A Look into New Hampshire's Disappearing Forests – Kara Roach

Culvert Operations: Prioritizing Stream Crossings for Continuity Reestablishment Within the Black Brook Watershed in Southwestern New Hampshire – Richard Brackett, Brendan Flynn, Libby Gannett, and Ben Pierce

Emergency: Arterial Congestion! A Look into the Traffic Congestion Along the N.H. Route 101 Corridor in Keene, N.H. – Stephanie May

The Cold Flush: Fluvial Geomorphic Assessment of the Cold River Post 2005 Flooding – Richard Brackett

What Ales Me? The Search for an Optimal Microbrewery Site in Southwest New Hampshire – William Schoefmann

The Glycemic Index and Its Impact on Health – Rebecca Johnson and Amanda Plank

UV Induced Degradation of Polycarbonate-Based Lens Materials and Implications for the Health Care Field – Jerry Henry

Family Relationships, Self-Esteem, and Conscientiousness – Amanda Richer

Service-Learning: An Opportunity to Explore Career Goals – Amy Fraser

The Effects of Music on Reducing Test Anxiety – Jessica Kangas

The Relationship of Trait Hope, Intelligence, and Adverse Life Events to Resilience – Christopher Friar

Validity Study of the House-Tree-Person Method – Amanda Keller

Video Games and Their Effects on Mental Rotation and Hostility – Sandy Chu

Characterizing Emissions from Diesel Equipment-Equipment Activity as a Confounder – Derek Leclerc, Brendan McDuffee, and Kelly McGovern

Petroleum Diesel vs. Bio Diesel-Nitrogen Oxide Emissions Characterization – Mike LeSage and Nolan Masse

Gender and the College Body – Lauren Duffy

Behavioral Confirmation in Computer Mediated Communication – Tanna Dean

Exhibits

MOCO: The Design of a New Cultural Center for the Moving Company – Kaitlyn Jordan, Chris Hatch, and Kevin O'Brien

The Design of a New Child-Centered Facility for Monadnock Family Services – Jared Hardell, Gabe Bergeron, and Josh Swasey

3:15-3:45 P.M.

SCIENCE CENTER

Oral Presentations

SCIENCE 126

Inside These Walls – Elizabeth Kenyon

SCIENCE 129

Ethnohistory of Gender in Btsisi' Society – Stephanie Steele

SCIENCE 154

Ascending Chords Problem – Chloe Holmes

SCIENCE 163

Humanizing Poverty: Faces from Southern Africa – Annelies Spykman

SCIENCE 175

Determining the Effects of Capital Controls and Exchange Rate Regimes on Exchange Rate Volatility – Veronica Mort

SCIENCE 181

Live Here and Prosper? – Rachel Locke

3:55-4:25 P.M.

SCIENCE CENTER

Workshops

SCIENCE 126

Teaching Social Studies and Social Consciousness Through Music – Jessica Makris

SCIENCE 129

Research and Curriculum Development: A Service-Learning Experience in Creative Movement for Preschool-Aged Children – Erica Martineau

SCIENCE 154

The Unique Contributions of Peer Education – Lauren Hannum, Taja Hall, Rianne Hartwell, Elizabeth Raynes, and Jonathan Slattery

SCIENCE 161

Social Disability and Asperger's – Julia Saunders

SCIENCE 163

Using Rap Routines to Assess Content Knowledge in Physical Education – Brianne Barnes, Caitlin Jamiel, and Daniel Burtis

SCIENCE 175

Using Sudoku to Build Logical Reasoning – Caitlin Coulombe and Amanda Czarnecki

SCIENCE 181

Contemplating Newcomb's Problem – Erin Connell

