Fall Fest 2003 Presentations

Biology

1. “Physiological Effects of Dietary Omega-3 Fatty Acids in the Laboratory Mouse”
   Lauryn Christiansen ’04, Jennifer MacDonald ’04 / sponsor- Prof. Timothy Lyerla

2. “Determining the Origin and Evolution of Unisexual Clonal Triploid Mole Salamanders”
   Molly R. Letsch ’04 / sponsor- Prof. Chris Spolsky (NSF)

3. “Functional Analysis of Centrosomes in Dictyostelium discoideum”
   Mary Badon ’05 (Anton Fellow) / sponsor- Prof. Denis A. Larochelle

4. “Sex Ratio and Morphology Studies of the Intertidal Copepod, Tigriopus Californicus”
   Laran Kaplan ’05 / sponsor- Prof. Deborah Robertson

Biochemistry and Molecular Biology

5. “The Exocyst Complex: Determination of Sec 10 and Sec 15 Protein Interactions”
   Lacey Archambault ’04 / sponsor- Prof. David Thurlow

6. “Measles Virus Fusion: Cloning and Expression of Measles Hemagglutinin (H) and Fusion (F) Genes in Vector PCAGGS”
   Kriti Gaur ’04 (Anton Fellow) / sponsor- Prof. David Thurlow

7. “Bacteria in Human Wounds”
   Courtney Mayo ’04 / sponsor- Prof. David Thurlow

8. “Human Tonsilar Cell Responses to Epstein-Barr Virus”
   Juliana Demelfi ’04 / sponsor- Prof. David Thurlow

9. “Kinetic Studies of ATP/CTP:tRNA Nucleotidyltransferase from Methanococcus jannaschi”
   Zu Shen ’04 / sponsor- Prof. David Thurlow

10. “Synthesis of Voltage-Gated Potassium Channel Inhibitors”
    Michaela Martin ’04 / sponsor- Prof. David Thurlow

11. “Effects of Extracellular Nitrogen on the Regulation and Expression of GSII in Skeletonema Constatum”
    Miguel Stein ’04 / sponsor- Prof. Deborah Robertson

Geography

    Sara Levenson ’04 / sponsor- Prof. Susan Hanson
13. “The Falun Gong Family Rescue Campaign; International Networks and Human Rights in China” Daniel Pomerleau ’04 /sponsors- Prof. Susan Hanson and Prof. Paul Ropp

**HERO Fellows**


15. “Building a Digital Map of Massachusetts Land Cover of 1951” Christopher Lippit ’05, Matthew Holden ’05 and Carissa Williams ’03 /sponsor-Prof. R. Gil Pontius, Geography/IDCE

16. “The Vulnerability of Climate Change to Community Water Systems in Central Massachusetts” Maatsi Angwafo ’05, Yasmin Bowers ’05 and David Kent ’04 /sponsor- Prof. R. Gil Pontius, Geography/IDCE

**Higgins School of Humanities**

17. “North-house”: Poems from the Orkneys Margaret Bethray ’04/sponsor- Prof. Virginia Vaughan

18. “Everybody’s Waiting” Jay Shapiro ’04 /sponsor - Prof. Virginia Vaughan

**Anton Fellowship Program**


**The Lois and Robert Green Urban Development and Social Change Summer Internship**

20. “Reflections on the Issue Concerns and Representation Style of a Worcester City Councilor” Ashley Blake ’05 /sponsor- Prof. Sharon Krefetz

**Urban Development and Social Change Summer Research Fellowship**

21. “Neighborhood Change in South Worcester and Main South” Heather Kamyck ’04/sponsor- Prof. Sharon Krefetz and Trina Hamilton, graduate student collaborator