

Intersections: SOURCE Symposium & Poster Session 2010 Winners

Humanities Oral Competition

1st – Paul Niebrzydowski, *Project Retrospect: Historicizing the Rhetoric of Energy Independence*. Faculty mentor: Professor Peter Shulman, Department of History.

Natural Sciences Oral Competition

1st – Christine Petzold, *Nonsense-mediated mRNA Decay Occurs on Polyribosomes*. Faculty mentor: Professor Jeff Collier, Department of Biochemistry.

Natural Sciences Poster Competition

1st – Leah Dodson, *On the Interaction of the Pharmaceutical Salbutamol with Light in Water Solution*. Faculty mentor: Professor Carlos E. Crespo- Hernández, Department of Chemistry.

2nd - Tina Saw, *A Comparison of Periodontal Referral Patterns: Trends Toward Urgent Care*. Faculty mentor: Dr. Leena Palomo, DDS, MSD, Department of Periodontics.

Social Sciences Oral Competition

1st – James (JP) Grauly, *Obesity and the Minimum Wage: Using State-Level Data*. Faculty mentor: Professor David Clingingsmith, Department of Economics.

Social Sciences Poster Competition

1st - Megan Carl, *Galvanic Skin Response in Family Interaction Tasks as a Predictor of Adolescent Depression*. Faculty mentor: Professor Arin Connell, Department of Psychology.

2nd (tie) - Katelyn Begany, *Two Domains of Human Higher Cognition: Distinct Brain Networks Underlie Social and Mechanical Reasoning.* Faculty mentor: Professor Anthony Jack, Department of Cognitive Science.

2nd (tie) - Rebecca Carter, *Addiction and “Generation Me”: Narcissistic and Prosocial Behaviors of Youth with Substance Dependency Disorder in Comparison to Normative Youths*. Faculty mentor: Professor Maria E. Pagano, Department of Psychiatry, Department of Child Psychiatry.

Engineering Oral Competition

1st - Christa Modery, *Platelet-targeted Liposomes for Site-specific Drug Delivery in Vascular Disease*. Faculty mentor: Professor Anirban Sen Gupta, Department of Biomedical Engineering.

Engineering Poster Competition

1st – Samuel Geiger, *Synthesis and Properties of Polyetheramine-Based Main Chain Benzoxazine Polymers*. Faculty mentors: Professor Hatsuo Ishida and Professor Tarek Agag, Department of Macromolecular Science and Engineering. Professor Syed Qutubuddin, Department of Chemical Engineering.

2nd - Ashley Gan, *Chemical Bath Deposition of CdS and TiO₂ Semiconductor Sensitized Solar Cells*. Faculty Mentor: Professor Mark DeGuire, Department of Materials Science and Engineering.

Nursing Poster Competition

1st – Amy Catalani and Emily Konen, *Are You Positive You Are Negative: HIV Awareness in Parma, Ohio*. Faculty mentor: Professor Rita Sfiligoj, Frances Payne Bolton School of Nursing.

Weatherhead School of Management Oral Competition

1st – Grace Bell, *A Catalyst for Change: Impact of Electronic Medical Records and Meaningful Use Policies on American Health Systems*. Faculty Mentor: Professor JB Silvers, Weatherhead School of Management, Health Systems Management Center.

Outstanding Interdisciplinary Project

Alex Galante and Theodore Roman, *In Silico Modeling of the WNT Signaling Network*. Faculty mentors: Professors Mehmet Koyuturk, Department of Electrical Engineering and Computer Science and Rob Ewing, Center for Proteomics and Bioinformatics.