

## DEADLINES

ATP Semester/Course-Embedded Grant Application: October 21, 2011 by 4PM

NCUR Applications: November 15, 2011

Submission to Mid-Year Symposium: November 23, 2011

Submission to *The Undergraduate Review*: December 16, 2011

## WORKSHOPS

Mid-Year Symposium Info Session for Faculty (OUR Conference Room) - October 12, 2011, 12:15 - 1:15

NCUR Abstract-Writing Workshop for Students (OUR Conference Room) - October 25, 2011, 9:30 - 10:30

ATP Summer Research Info Session for Students (OUR Conference Room) - November 30, 2011, 9:00 - 10:00

ATP Summer Research Info Session for Faculty (OUR Conference Room) - November 30, 2011, 3:00 - 4:00

ATP Summer Research Info Session for Students (OUR Conference Room) - December 6, 2011, 9:00 - 10:00

ATP Summer Research Info Session for Faculty (OUR Conference Room) - December 6, 2011, 3:00 - 4:00

## EVENTS

Mid-Year Symposium: Wednesday December 14, 2011

National Conference on Undergraduate Research (NCUR): March 29-31 2012

BSU Undergraduate Research Symposium: Monday April 23, 2012

To learn more about the numerous funding, travel, and publishing opportunities offered by the Office of Undergraduate Research and the Adrian Tinsley Program visit [www.bridgew.edu/our](http://www.bridgew.edu/our)

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## Two BSU Research Teams Travel to China



DR. JING TAN (Social Work) and DR. CHIEN WEN YU (Management) were selected to conduct research abroad with their students this past summer. Both research teams spent three weeks in China, staying in university housing at BSU partner institutions Shanghai Normal University and Beijing Jiaotong University, conducting surveys and analyzing data. Both research teams plan to present their findings at BSU's 2012 Undergraduate Research Symposium and other conferences in the U.S. The research trips were funded by BSU's Division of External Affairs, the Adrian Tinsley Program for Undergraduate Research, and the Shea Scholarship. Their blogs can be found at [www.bridgew.edu/our](http://www.bridgew.edu/our).

Dr. Tan was accompanied to Shanghai in May with BSU students **Stefanie Carreiro, Deana Andrade, Jolee Griffin, and Juliann Manning** to research aging populations in China and to conduct needs assessments of elder care. The team spent three weeks at Shanghai Normal University collecting data on the attitude of college students toward older adults and their perspectives on elderly care. As a group, they administered a total of 381 survey questionnaires and conducted three focus groups. Dr. Tan discusses the significance of the study: "This research could provide very important empirical evidence and meaningful information for gerontology educators, service providers, and policy makers."

Dr. Yu traveled with four of his students, **Yuan Chen, Pamela Farias, Corinne Hunter, and Neal Menz**, to study high-speed rail in Beijing and Shanghai, examining issues of technology, economics, and politics. Their findings are a culmination of 375 questionnaires and several focus-group discussions with students and their professors. They also interviewed three well-known experts on the high-speed railway system, a Chinese high-speed rail engineer, and a Japanese railway track manufacturer. Dr Yu says, "No matter where they are located, the high-speed rails are a way for people to travel long distances in a significantly shorter amount of time, without having to step on an airplane. In terms of transportation needs, Americans and Chinese respondents tended to have very different answers, with Chinese participants focusing primarily on convenience, while American participants had a wider range of needs. However, the majority of the participants from both countries felt the high-speed rail met their needs. This indicates that people in both countries perceive the high-speed rail as an effective mode of transportation."

To read the blogs from Shanghai or Beijing, visit [www.bridgew.edu/our](http://www.bridgew.edu/our)



2011 Adrian Tinsley Program  
(ATP)  
& Center for Sustainability (CfS)  
Summer Grant Awardees

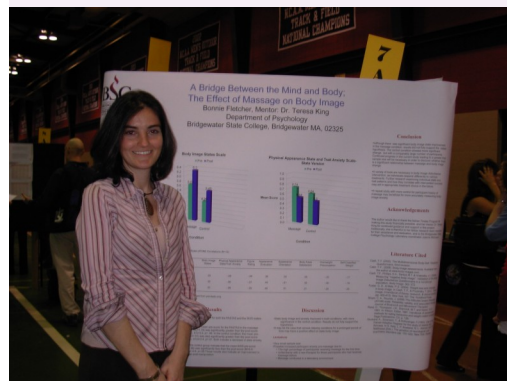
- Kimberly Bryant**, Psychology (Mentor: Dr. Sandra Nearing) *Making the Grade: How Earlier School Start Times Affect Sleep and Overall Academic Performance in Children Ages 8 to 10*
- Jennifer Conway**, Biology (Mentor: Professor Jennifer Mendell) *A Molecular Exploration of the Microbial Community in the Intestinal Tract of Kiko Goats*
- Diana DeMont**, Social Work (Mentor: Dr. Lucinda King-Frode) *Shelter Initiatives for Homeless Students*
- Adelmar DoCanto**, Physics (Mentor: Dr. Thomas Kling) *Can Weak Gravitational Lensing Determine Matter Halo Fall-Off?*
- Elizabeth George**, History (Mentor: Dr. Joshua Greenberg) *Through the Eyes of Sailors and Citizens: How Americans at Home and on the USS Constitution Viewed the Greek Revolution*
- Erkan Gulturk**, Mathematics (Mentor: Dr. Jeffrey Williams) *Exploring Optical Physics and Using Theory to Develop Creative Photography }Representing Optical Phenomena*
- Victoria Harkins**, Sociology (Mentor: Dr. Jodi Cohen) *Sexual Education and Teens: A Study of the Effectiveness of Greater Lowell Area Public High Schools Sexual Education Programs*
- Thomas William Howard**, Mathematics (Mentor: Dr. Irina Seceleanu) *Understanding Biological Systems Using Self-Similarity*
- Johanna Jackson**, Special Education (Mentor: Dr. Suzanne Miller) *Surveying Performing Arts and Non-Performing Arts Students' Vocal Quality of Life*
- Stephanie James**, Art (Mentor: Professor Robert Lorenson and Professor Preston Saunders) *Fold Forming in Large and Small Scale: Personal Ornament in Copper and Silver Metallic Home Lighting*
- Bligh MacDonald**, English (Mentor: Dr. Stacey Sheriff) *Infomercial: A Marketing Odyssey*
- Brianne Molloy**, Psychology (Mentor: Dr. Elizabeth Spievak) *Out of State/Out of Mind: Cognitive Distance and Beliefs About Global Warming and Sustainability*
- Jonathan Nippert**, Philosophy (Mentor: Dr. Claire Brown and Dr. Laura McAlinden) *The Ethical Quandaries of Space Colonization and How Humans can Flourish on Many Worlds*
- Richard Orcutt**, Biology (Mentor: Professor Jennifer Mendell) *Quantification of Methane Producing Bacteria in the Gastrointestinal Tract of Kiko Goats Using Quantitative PCR*
- Mallory Piggott**, Communication Studies (Mentor: Dr. Melanie McNaughton) *Health Risk Communication: Insulin Misuse and Disturbed Eating Behaviors in Patients with Type 1 Diabetes*
- Laura Pistorino**, Early Childhood Education (Dr. Sandra Nearing) *Early to Bed, Early to Rise: How Changing to an Earlier School Start Time Affects Sleep Patterns and Cognitive Functioning in Elementary School Children*
- Diana Ramos**, Political Science (Dr. Deniz Leuenberger) *Feeding the World or Feeding the Problem: A Look at How Hunger Relief Aid Strategies Fulfill Moral Obligations*

- Saide Ranero**, English (Mentor: Dr. Lee Torda) *Reading and Writing Women in the Middle East: One Story of War and Recovery*
- Katherine Saucier**, Psychology (Mentor: Dr. Elizabeth Spievak) *All Kidding Aside: The Serious Business of Humor in Politics*
- Nicole Sauber**, Sociology (Mentor: Dr. Jing Tan) *The Impact of Service: Cultural Understanding and International Service Learning with Bridgewater State University*
- Helen Silkonis**, Anthropology (Mentor: Dr. Sandra Faiman-Silva) *One With the Land: An Exploration of Environmental Perspectives of the Native American Tribes of Southern New England*
- Kathleen Smith**, English (Mentor: Dr. Ellen Scheible) *The Power of Education in Seamus Heaney's Poetry*
- Kallee Spooner**, Criminal Justice and Philosophy (Mentor: Dr. Richard Wright) *The Meaning of Redemption: Why is America Sentencing Juveniles to Life Without the Possibility of Parole (LWOP)?*
- Jenna Sturges**, Special Education (Mentor: Dr. Ahmed Abdelal) *Influence of Direct Working Memory Intervention on Childrens' Reading Fluency*
- Meghan Sullivan**, Psychology (Mentor: Dr. Elizabeth Spievak) *Escaping the Self: Self-Injurious Conduct as an Attempt to Cope*
- Amy VanDenBerghe**, Elementary Education (Mentor: Dr. Patricia Fanning) *Food Pantry Dilemma: Understanding the Need for Nutritional Value in Emergency Food provided in a Down Economy*
- Krystina Vieira**, Psychology (Mentor: Dr. Tina Jameson) *Optimistic and Pessimistic Decision Making*

**2011 Center For Sustainability Grant Awardees**

The CfS Summer Grant Program provides funding for students under the guidance of a faculty mentor to conduct research and creative projects related to sustainability issues, over a ten-week period during the summer. Both the students and faculty mentors receive stipends to support their efforts.

- Christine Aloia**, Psychology and Criminal Justice (Mentors: Dr. Tina Jameson - Psychology and Dr. Ed Brush - Chemistry), "Green and Sustainable Chemistry: A Public Opinion Analysis"
- Jennifer Ashley**, Athletic Training (Mentors: Dr. Tong-Ching (Tom) Wu and Dr. Pam Russell - Movement Arts, Health Promotion and Leisure Studies), "Bike Sharing as Alternative Transportation at Bridgewater State University"
- Mary P. Brennan Finnie**, History (Mentor: Dr. Margaret Lowe), "The History of Community Gardening and its Impact on Sustainability, Particularly in Public School Community Garden Programs"
- Katrina Delaney**, Sociology (Mentor: Dr. James Hayes-Bohanan - Geography), "A Fair Trade Educational Action Plan for Bridgewater State University"



2008 ATP Summer Grant Recipient is Published in International Journal of Research

BSU STUDENT BONNIE [FLETCHER] DUNIGAN recently had her Adrian Tinsley Program (ATP) findings published in *Body Image: An International Journal of Research*. Bonnie is the first author of the article, "A Preliminary Examination of the Effect of Massage on State Body Image," which was co-authored by Drs. Teresa King and Brendan Morse of the BSU Psychology Department. Bonnie's research on the positive effects of massage on psychological health began early in her undergraduate career at BSU when she applied for and was awarded several grants. The research published in *Body Image* was funded by a 2008 Adrian Tinsley Program (ATP) Summer Grant, a competitive grant that provides students with funding to conduct

research over the summer. She has also been awarded three ATP semester grants. Bonnie is the first ATP student to publish her work in a peer-reviewed journal. She also presented her findings at the National Conference on Undergraduate Research held at the University of Wisconsin—La Crosse in 2009 and published them in Volume V of BSU's *The Undergraduate Review*. In the summer of 2009, she traveled to Yarmouk University in Jordan with Dr. King and three other BSU students to conduct research on body image; she presented those findings at the ATP Summer Symposium in August 2009.

