

HB Student Authorships and Co-Authorships on Professional Presentations & Publications (partial list)

1. Banks, B., de Groh, K., **Bemer, M. (HB'99), Hope, S. (HB'99), Koo, J. (HB'99), Kaminski, C. (HB'01), Youngstrom, E. (HB'02), Hunt, P.K. (HB), Willoughby, A. (HB)**, et al, A space experiment to measure the atomic oxygen erosion of polymers and demonstrate a technique to identify sources of silicone contamination: pres at 34th Intersociety Energy Conversion Eng Conf (IECEC), Vancouver, BC, Aug, 1999.
2. de Groh, K., Banks, B., **Bemer, M. (HB'99), Koo, J. (HB'99), Hope, S. (HB'99), Kaminski, C. (HB'01), Youngstrom, E. (HB'02), Hunt, P.K. (HB)**, Space Shuttle Experiment PEACE (Polymer Erosion And Contamination Experiment): pres at ACS 31st Central Reg Mtg, Columbus, June, 1999 (abstract only).
3. **Sedransk, K. (HB'03)** et al, The biomechanics of chordal rupture in mitral valves: pres at Cleveland Clinic Fndtn 19th Annual Research Day, Cleveland, October, 1999 (abstract only).
4. Akkus, O., **Breedlove, Alex (HB'02)**, Rinnac, C.M., Fracture toughness of gamma radiation sterilized cortical bone allografts: pres at Amer Orthopaedic Soc Natl Mtg, March, 2000 (abstract only).
5. **Sedransk, Kyra (HB'03)**, The biomechanics of chordal rupture in mitral valves: The Ohio Journal of Science 109th Annual Mtg Prgm Abstracts, Mar 31-April 2, 2000, Ada, OH (abstract only).
6. Hebert, M.D., Matera, A.G., **Saltzman, Amy (HB'01)**, Rattus norvegicus coilin p80 mRNA partial code (bases 1 to 1324): GenBank Accession # AF220424 (www.ncbi.nlm.nih.gov), February, 2000.
7. de Groh, K., Banks, B., **Hammerstrom, A.(HB'01), Youngstrom, E.(HB'02), Kaminski, C.(HB'01), Fine, E.(HB'00), Marx, L.(HB'03)**, A Sensitive Technique Using Atomic Force Microscopy to Measure the Low Earth Orbit Atomic Oxygen Erosion of Polymers: pres at American Chemical Society Poly Millennial 2000 Conference, Kona Hawaii, December, 2000.
8. de Groh, K., Banks, B., **Hammerstrom, A.(HB'01), Youngstrom, E.(HB'02), Kaminski, C.(HB'01), Fine, E.(HB'00), Marx, L.(HB'03)**, Sensitive Technique Developed Using Atomic Force Microscopy to Measure the Low-Earth-Orbit Atomic Oxygen Erosion of Polymers: NASA/TM-2001-211346, 2001, available at www.grc.nasa.gov/www/RT.
9. **Sedransk, Kyra (HB'03)**, The Biomechanics of Chordal Rupture in Mitral Valves: The Ohio Journal of Science 110th Annual Mtg Prgm abstracts, spring, 2001, Ada, OH (abstract only).
10. **Butler, Kristin (HB'04)**, The Development of a Microsensor and Actuator System to Monitor Glucose and Ketone Levels in Diabetics: The Ohio Journal of Science 110th Annual Mtg Prgm abstracts, spring, 2001, Ada, OH (abstract only).
11. **Onitskansky, Elina (HB'02)**, The Design and Development of a Microelectrochemical Sensor and Plating System to Detect and Remove Metal Ions from Polluted Water: The Ohio Journal of Science 110th Annual Mtg Prgm abstracts, spring, 2001, Ada, OH (abstract only).
12. **Thibonnier, Aurelia (HB'01)**, The Purification of the Vassopressin V-1Vascular Receptor Fragment BAM H1, 6H: The Ohio Journal of Science 110th Annual Mtg Prgm abstracts, spring, 2001, Ada, OH (abstract only).
13. **Butler, Kristin (HB'04)**, Developing a Microsensor Array for the Detection of Glucose and Ketone Levels in Diabetics: The Ohio Journal of Science 111th Annual Mtg Prgm abstracts, spring, 2002, Ada, OH (abstract only).
14. **Udovina, Elena (HB'04)**, Micromachined Nanomembranes for Artificial Pancreas and Kidney: The Ohio Journal of Science 111th Annual Mtg Prgm abstracts, spring, 2002, Ada, OH (abstract only).
15. **Markman, Margaret (HB'03)**, et al, Investigation of the effectiveness of serotonin-receptor antagonist antiemetic therapy over successive courses of carboplatin-based treatment: pres at Amer Soc Clinical Oncologists 37th Annual Mtg, San Francisco, May, 2001.

16. de Groh, K., Banks, B., **Hammerstrom, A.(HB'01)**, **Youngstrom, E.(HB'02)**, **Kaminski, C.(HB'01)**, **Marx, L.(HB'03)**, **Fine, E.(HB'00)**, et.al, MISSE PEACE Polymers: An International Space Station Environmental Exposure Experiment: pres at American Institute of Aeronautics and Astronautics Conference & Exhibit on International Space Station Utilization, Cocoa Beach, FL, October 15-18, 2001.
17. de Groh, K., Banks, B., **Hammerstrom, A.(HB'01)**, **Youngstrom, E.(HB'02)**, **Kaminski, C.(HB'01)**, **Marx, L.(HB'03)**, **Fine, E.(HB'00)**, et.al, MISSE PEACE Polymers: An International Space Station Environmental Exposure Experiment: NASA/TM-2001-211311, AIAA-2001-4923, 2001; available at www.grc.nasa.gov/www/RT.
18. Ernsberger, P., **Amos, A.(HB'01)**, et al, Separation of Antihypertensive and Sedative Doses of Imidazoline but not Guanidinium Antagonists in Telemetered SHR: in Journal of the Federation for the American Society of Experimental Biology (FASEB), Vol. 15, No. 4, March, 2001.
19. Z. Yang, **L. Kleinhenz (HB'03)**, K. Zhang, et al, North Carolina Macular Dystrophy: Clinical Spectrum and Exclusion of Candidate Genes: pres at Association for Research for Vision and Ophthalmology Annual Meeting, May 4-10, 2002, Ft. Lauderdale, FL (abstract only).
20. **Butler, K. (HB'04)**, Developing a Microsensor Array for the Monitoring of Glucose and Ketone Levels in Diabetics: in proceeding of the American Association for the Advancement of Science (AAAS) Annual Meeting, Boston, February, 2002 (abstract only).
21. **Sedransk, K. (HB'03)**, et al, Failure Mechanics of Mitral Valve Chordae Tendineae: in proceedings of the American Association for the Advancement of Science (AAAS) Annual Meeting, Boston, February, 2002 (abstract only).
22. **Sedransk, K. (HB'03)**, et al, The Biomechanics of Chordal Rupture in Mitral Valves : in proceedings of the American Association for the Advancement of Science (AAAS) Annual Meeting, San Francisco, February, 2001 (abstract only).
23. **Sedransk, K. (HB'03)**, (road salt study title), in proceedings of the American Association for the Advancement of Science (AAAS) Annual Meeting, Wash, DC, February, 2000 (abstract only),
24. **Onitskansky, E. (HB'02)**, Invention of an Automated Microelectrochemical Sensor and Plating System to Detect and Remove Metallic Ion Pollutants from Water: in proceedings of the American Association for the Advancement of Science (AAAS) Annual Meeting, Boston, February, 2002 (abstract only).
25. Howells, A., **Hung, Linda (HB'01)**, Chottiner, G., Scherson, D., Effects of substrate defect density and annealing temperature on the nature of PT clusters vapor deposited on the basal plane of highly oriented pyrolytic graphite: Solid State Ionics 8430 (2002).
26. **Markman, Margaret R. (HB'03)**, et al, Effectiveness of Serotonin-Receptor Antagonist Antiemetic Therapy over Successive Courses of Carboplatin-Based Chemotherapy: Gynecological Oncology **85**, 435-437 (2002).
27. Shukla, G., Dietrich, R., **Cole, Andrea (HB'03)**, Padgett, R., et al, Identification of Functionally Important Domains of Human U4atac snRNA: pres at RNA Society Meeting, University of Wisconsin, May 28-June 2, 2002 (abstract only).
28. **Sedransk, Kyra (HB'03)**, Grande-Allen, K.J., Vesely, I., Failure Mechanics of Mitral Heart Valve Chordae Tendinae: Journal of Heart Valve Disease, V.2, No.5, September, 2002, pp.644-650.
29. **Lillis, Maura C. (HB'04)**, **Youngstrom, Erica E. (HB'02)**, **Marx, Laura M. (HB'03)**, **Hammerstrom, Anne M. (HB'01)**, **Finefrock, Katherine D. (HB'02)**, **Youngstrom, Christiane A. (HB'04)**, **Kaminski, Carolyn (HB'01)**, **Fine, Elizabeth S. (HB'00)**, **Hunt, Patricia K. (HB)**, de Groh, Kim K. (NASA Glenn), Banks, Bruce

(NASA Glenn), Sechkar, Edward A. (QSS Group, Inc.), Space Flight Experiments to Measure Polymer Erosion and Contamination on Spacecraft: NASA/TM-2002-211553, June, 2002.

30. Girish, C., **Cole, Andrea J. (HB'02)**, Dietrich, Rosemary C., Padgett, Richard A., Domains of Human U4atac snRNA required for U12-Dependent Splicing *in vivo*: Nucleic Acids Research, Vol. 30 No. 21, Oxford University Press, 2002, 1-8.

31. **Ahmad, Erum (HB'04)**, Role of Phosphoglyceratemetutase Isoforms in Carbon Metabolism and Growth of *Salmonella enterica* serovar Typhimurium: in proceedings of Case Western Reserve University Department of Pharmacology RETREAT 2002, Sawmill Creek Resort and Conference Center, Vermillion, Ohio, October, 2002 (poster and abstract)

32. **Sedransk, K. (HB'03)**, Failure Mechanics of Mitral Valve Chordae Tendinae: in poster proceedings of the American Association for the Advancement of Science (AAAS) Annual Meeting, Denver, Feb. 13-18, 2003 (Poster Proceedings, abstract only).

33. **Udovina, E. (HB'04)**, Micromachined Nanomembranes for Artificial Pancreas and Kidney: in poster proceedings of the American Association for the Advancement of Science (AAAS) Annual Meeting, Denver, Feb. 13-18, 2003 (Poster Proceedings, abstract only).

34. **Butler, K. (HB'04)**, Developing a Microsensor Array for the Detection of Glucose and Ketone Levels in Diabetics: in poster proceedings of the American Association for the Advancement of Science (AAAS) Annual Meeting, Denver, Feb. 13-18, 2003 (Poster Proceedings, abstract only).

35. **Udovina, E. (HB'04)**, A Theoretical Approach to the Optimal Length of the Musical Scale: The Ohio Journal of Science 112th Annual Mtg. Prgm. Abstracts, April, 2003, Findlay, OH (abstract only).

36. **Trostel, Katharine (HB'05), Fogarty, Caitlin (HB'03)**, The Mystery of Missing Matter in the Universe: The Search for Weakly Interacting Massive Particles (WIMPS): The Ohio Journal of Science 112th Annual Mtg. Prgm. Abstracts, April, 2003, Findlay, OH (abstract only).

37. **Lillis, M. (HB'04), Youngstrom, C. (HB'04), Marx, L., Rapaport, A. (HB'05)**, Space Flight Experiment PEACE (Polymer Erosion And Contamination Experiment) on MISSE (Materials International Space Station Experiment): The Ohio Journal of Science 112th Annual Mtg. Prgm. Abstracts, April, 2003, Findlay, OH (abstract only).

38. **Markman, Margaret (HB'03)** et.al., Relationship between a history of systemic allergic reactions and risk of subsequent carboplatin hypersensitivity: Gynecologic Oncology, 89, 2003, pp. 514-516

39. **Baumann, Ingrid (HB'07)**, A Developmental Cross-Sectional Study of Weight Estimation: in proceedings of American Pain Society 22nd Annual Meeting, Chicago, March 20-23, 2003 (abstract only).

40. **Maura Lillis (HB'04), Allison Rapoport (HB'05), Christiane Youngstrom (HB'04), Sharon Kaminski (HB'04)**, Space Flight Experiment to Measure Polymer Erosion and Silicone Contamination on Spacecraft: in The Ohio Journal of Science, 112th Annual Meeting Program Abstracts, vol 103, no. 1, April, 2003 (poster & abstract)

41. **Katherine Trostel ('05), Caitlin Fogarty ('04)**, The Mystery of the Missing Matter in the Universe: The Search for WIMPs (Weakly Interacting Massive Particles): in The Ohio Journal of Science, 112th Annual Meeting Program Abstracts, vol. 103, no. 1, April, 2003 (poster & abstract)

42. **Elena Udovina (HB'04)**, A Theoretical Approach to the Optimal Length of a Musical Scale: in The Ohio Journal of Science, 112th Annual Meeting Program Abstracts, vol. 103, no.1, April, 2003 (poster & abstract)

43. **Salewski, Allison (HB'05)**, Scheman, Judith, PhD, Van Keuren, Cynthia, PhD, Smith, Suzanne, PhD, Covington, Edward C., MD, Chemical Dependency and Cognitive Functioning in Addicted Chronic Pain Patients:

pres at Sixth Annual Conference on Pain and Chemical Dependency, Brooklyn, NYC, Feb. 4-7, 2004, (poster & abstract).

44. **Onitskansky, Elina (HB'02)**, Liu, C.C., et al, Electrochemical sensor for detection and quantification of trace metal ions in water: US Patent Application No. 09/799,963, Filing Date 03/06/2001; Publication No. US-2001-0042693-A1, Publication Date 11/22/2001. ADD TO PUBLICATIONS

45. **Gurry, Bonnie (HB'02)**, Liu, C.C., et al, Microsensor to measure or regulate the amount of chlorine in water: US Patent Application 09/799,969, Filing Date 03/06/2001; Publication No. US-2001-0042692-A1, Publication Date 11/22/2001.

46. **Hollinger, Amy (HB'05), Trostel, Katharine (HB'05), Berger, Lauren (HB'07)**, A Study of the Use of Strong Gravitational Lensing in Determining the Masses of Galaxies: The Ohio Journal of Science, Vol. 104 (1), A-27, 2004 (abstract only).

47. **Singh, Taruna (HB'06)**, Kehres, David G., The Role of Enolase Phosphorylation in *Salmonella Typhimurium*: The Ohio Journal of Science, Vol. 104 (1), A-27, 2004 (abstract only).

48. **Coquillotte, Madeline M. (HB'06)**; Ferrara, Lisa A.; Schlenk, Richard; Benzel, Edward; Fleischman, Aaron; Roy, Shuvo; Gordon, Illya, Pressure Variations within Bone Graft after Spine Fusion Surgery: The Ohio Journal of Science, Vol. 104 (1), A-27, 2004 (abstract only).

49. **Baumann, Ingrid P. (HB'07)**; Nakamoto, Chizu; Boehm, Cynthia; Kundu, Mounita; Muschler, George F., Quantitative Analyses of Connective Tissue Progenitors from Bone Marrow Between Genders: The Ohio Journal of Science, Vol. 104 (1), A-28, 2004 (abstract only).

50. **Van Lier, Christina (HB'06)**; Carlson, Sara G.; Chisolm, Guy, M., Apoptosis of the Cells in Atherosclerotic Lesions: Inhibition by Antioxidants: The Ohio Journal of Science, Vol. 104 (1), A-28, 2004 (abstract only).

51. **Jarrell, Julia R. (HB'07)**; Liu, Chung-Chiun, Design and Development of a Creatine Kinase-MB Biosensor: The Ohio Journal of Science, Vol. 104 (1), A-27, 2004 (abstract only).

52. **Rakos, Rhoni I. (HB'05)**, Villarruel, S.M., Boehm, C.A., Muschler, G.M., The Characterization of Connective Tissue Progenitor Cells (CTP's): B-Catenin: The Ohio Journal of Science, Vol. 104 (1), A-30, 2004 (abstract only).

53. **Chao, Elysa W. (HB'05)**, Singer, Kenneth D., Merlin, Jessica M., Dynamic Holography in Photorefractive Polymer Composites with Metal Nanoparticles: The Ohio Journal of Science, Vol. 104 (1), A-30, 2004 (abstract only).

54. **Khan, Mariam (HB'06)**, A Survey of Fungal Infections in an Inpatient Burn Unit: pres at 32nd Eastern Great Lakes Burn Study Group Conference, MetroHealth Medical Center Comprehensive Burn Care Center, Cleveland, September, 2004.

55. **Singh, Tanya (HB'06)**, The Role of Enolase Phosphorylation in *Salmonella tyhimurium*: in proceedings of Case Western Reserve University Department of Pharmacology RETREAT 2004, Geneva, Ohio, Oct, 2004 (poster & abstract)

56. Alline P. Somlai (Rie), David A. Schiraldi, Dapo Akingade, Matt Gawryla, **Maggie Bell (HB'06)**, Young Lee, Enzymatic Oxidation of Lignin Derivatives as a Possible Feedstock for New Polymers: pres at American Chemical Society – Petroleum Research Fund (ACS-PRF) Conference, Carnegie Mellon University, Pittsburgh, July, 2004.

57. Alline P. Somlai, Andrew Detwiler, Matthew D. Gawryla, Dapo Akinbade, **Margaret T. Bell (HB'06)**, Young Lee, Dave Schiraldi, Oxidation of Lignin-Based chemicals and Their Uses as Thermoset Resin Monomers: pres at ACS National Meeting, San Diego, March, 2005, poster and abstract

58. **Trostel, Katharine (HB'05)**, Caitlin Fogarty (HB'04), The Mystery of the Missing Matter in the Universe: The Search for WIMPS (Weakly Interacting Massive Particles): in poster proc. of AAAS Annual Meeting, Seattle, Feb. 2004 (abstract only).
59. **Butler, Kristin (HB'04)**, Developing a Microelectrochemical Sensor Array to Detect Glucose and Ketone Levels in Diabetics: in poster proc. of AAAS Annual Meeting, Seattle, Feb. 2004 (abstract only).
60. **Udovina, Elena (HB'04)**, A Theoretical Approach to the Optimal Length of a Musical Scale: in poster proc. of AAAS Annual Meeting, Seattle, Feb. 2004 (abstract only).
61. **Rhoni Rakos (HB 05)**, Sandra Villarruel, J. Korb, Cynthia Boehm, George F. Muschler, The Characterization of Connective Tissue Progenitor Cells (CTPS): Beta-Catenin: in proc. of 24th Annual Research Day, Cleveland Clinic Foundation, Nov.17, 2004 (abstract only).
62. **Ingrid P. Buamann (HB'07)**, Chizu Nakamoto, Cythia A. Boehm, George F. Muschler, Quantitative Analysis of Age and Gender Related Changes in Connective Tissue Progenitors from Bone Marrow, in proc. of 24th Annual Research Day, Cleveland Clinic Foundation, Nov. 17, 2004 (abstract only).
63. **Miriam Polakof (HB'06)**, Rosemary Dietrich, Kelly Emmett, Richard Padgett, How are Very Large Introns Spliced? Construction of a Twintron: in proc. of 24th Annual Research Day, Cleveland Clinic Foundation, Nov. 17, 2004 (abstract only).
64. C. Nakamoto, C. Boehm, J. Midula, J.H. Tao, **Ingrid Baumann (HB'07)**, K. Powell, and George F. Muschler, Comparison of Bone Marrow Aspiration and Bone Core Biopsy as Methods for Harvest and Assay of Human Connective Tissue Progenitor: in proc. of 24th Annual Research Day, Cleveland Clinic Foundation, Nov. 17, 2004 (abstract only).
65. C. Nakamoto, C. Boehm, J. Midula, J.H. Tao, **Ingrid Baumann (HB'07)**, K. Powell, George F. Muschler, In Vitro Effects of Parathyroid Hormone Related protein (PTHrP) Fragments on Human Connective Tissue Progenitors (CTPS): in proc. of 24th Annual Research Day, Cleveland Clinic Foundation, Nov. 17, 2004 (abstract only).
66. C. Nakamoto, C. Boehm, J. Midula, J.H. Tao, **Ingrid Baumann (HB'07)**, K. Powell, George F. Muschler, Quantitative Analysis of Bone Marrow, Fat, and Muscle as Sources of Human Connective Tissue Progenitors: in proc. of 24th Annual Research Day, Cleveland Clinic Foundation, Nov. 17, 2004 (abstract only).
67. Ransohoff, Richard; Huang, Deren; Wujek, Jerome; Kidd, Grahame; He, Tao; Cardona, Astrid; Sasse, Margaret; Stein, Erica; **Kish, Jacqueline (HB'02)**; Charo, Israel; Proudfoot, Amanda; Rollins, Barrett; Handel, Tracy, Chronic Expression of Monocyte Chemoattractant Protein-1 in the Central Nervous System Causes Delayed Encephalopathy and Altered Microglial Function in Mice: The FASEB Journal, MS ID: FASEBJ/2004/031047.
68. Wycisk, Ryszard; Lin, Jun; Jeong, Lee; Pintauro, Peter N., **Chisholm, Jane (HB'05)**, Direct Methanol Fuel Cell Membranes from Blends and Composites: to be pres at International Congress on Membranes and Membrane Processes, August 21-26, 2005, Lotte Hotel Jamsil, Seoul, Korea.
69. **Allison Salewski (HB'05)**, **Breen McDonald (HB'06)**, J. Scheman, Ph.D., N. Mekhail, M.D./Ph.D, O.Malak, M.D., Descriptive Analysis of Spinal Cord Stimulator Recipients: to be presented at 25th Annual American Pain Society Conference, Boston, April, 2005.
70. **Rakos, Rhoni (HB'05)**, Wnts Effect on Colony Proliferation in Human Connective Tissue Progenitor Cells: pres at Research ShowCase 2005, Case Western Reserve University, Cleveland, Ohio, April 2005 (poster)
71. **Rakos, Rhoni (HB'05)**, Boehm, Cynthia, Tao, Jessica, Powell, Kimberly, Ph.D., Muschler, George, M.D., Villarruel, Sandra (all Cleveland Clinic), Effect of Wnts on Colony formation and Proliferation in Human Connective Tissue Progenitor Cells: pres at Fifth Annual Meeting of the Midwestern Tissue Engineering Consortium (M-TEC 2005), Hilton East, Cleveland, Ohio, April 14-16, 2005 (poster)

72. Jessica Merlin, **Elysa Chao (HB'05)**, Mark Winkler, Kenneth D. Singer, Platon Korneychuk, Yuri Reznikov (all Case Western Reserve University), All-Optical Switching in a Nematic Liquid Crystal Twist Cell: Optics Express, the International Electronic Journal of Optics, Vol. 13, No. 13, June 27, 2005, pp. 5024-5029
73. **Suzanne B. Mazhuvanchery (HB'08)**, Herbs for the Heart: pres at Ohio Academy of Science 114th Annual Meeting, Bowling Green, Ohio, April 1-2, 2005 (poster); published in Ohio Journal of Science, Vol. 105, No. 1, April 2005, p A-26 (abstract)
74. **Yasmin Mekhail (HB'06)**, Epidermal Growth factor Receptor (EGFR) Gene Mutation in Lung Cancer: pres at Ohio Academy of Science 114th Annual Meeting, Bowling Green, Ohio, April 1-2, 2005 (poster); published in Ohio Journal of Science, Vol. 105, No. 1, April 2005, p A-27 (abstract)
75. **Lindsay Cieri (HB'06)**, Beta-Lapachone Induced Death Morphology: pres at Ohio Academy of Science 114th Annual Meeting, Bowling Green, Ohio, April 1-2, 2005 (poster); published in Ohio Journal of Science, Vol. 105, No. 1, April 2005, p. A-27 (abstract)
76. **Mariam Khan (HB'06)**, Lynne L. Yurko, Tamera L. Coffee, C.P. Brandt, Charles J. Yowler (all MetroHealth Medical Center), A Survey of Fungal Infections in an Inpatient Burn Unit: in Ohio Journal of Science, Vol. 105, No. 1, April 2005, p A-26 (abstract).
77. **Joanne Wang (HB'07)**, Lawrence Chao, Kevin Wang, Chung-Chiun Liu (all Case Western Reserve University), The Detection of Alkaline Phosphatase Using an Electrochemical Sensor in a Single Step Approach: in Ohio Journal of Science, Vol. 105, No. 1, April 2005, p A-27 (abstract).
78. C. Nakamoto, **Ingrid Baumann (HB'07)**, G. F. Muschler, et al, Comparison of Bone Marrow Aspiration and Bone Core Biopsy as Methods for Harvest and Assay of Human Connective Tissue Progenitor: in proceedings of Research ShowCase 2005, Case Western Reserve University, Cleveland, Ohio, April 2005 (poster 37, abstract)
79. C. Nakamoto, **Ingrid Baumann (HB'07)**, G. F. Muschler, et al, In Vitro Effects of Parathyroid Hormone Related Protein (PTHrP) Fragments on Human Connective Tissue Progenitors (CTPS): in proceedings of Research ShowCase 2005, Case Western Reserve University, Cleveland, Ohio, April 2005 (poster 38, abstract)
80. C. Nakamoto, **Ingrid Baumann (HB'07)**, G. F. Muschler, et al, Quantitative Analysis of Bone Marrow, Fat, and Muscle as Sources of Human Connective Tissue Progenitors: in proceedings of Research ShowCase 2005, Case Western Reserve University, Cleveland, Ohio, April 2005 (poster 38, abstract)
81. **Baumann, Ingrid (HB'07)**; Nakamoto, Chizu; Muschler, George; Effects of Menaquinone (Vitamin K2) on Connective Tissue Progenitors from Bone Marrow: pres at International Society for Stem Cell Research 3rd Annual Meeting, San Francisco Marriot, San Francisco, California, USA, June 23-25, 2005 (poster & Abstract Number 1006)
82. Mary Garrity-Moses, BS; Qingshan Teng, MD, MSc; **Christina Krudy (HB'06)**; Jun Yang, MD, MSc; Thais Federici, Ph.D.; Nicholas M. Boulis, MD; X-Linked Inhibitor of Apoptosis Protein Gene-Based Neuroprotection for the Peripheral Nervous System: Neurosurgery, Vol. 59, No. 1, July, 2006
83. **Joanne Wang (HB'07)**; Wang, Kevin; Chou, Lawrence C.S.; Liu, Chung-Chiun; The Detection of Alkaline Phosphatase Using and Electrochemical Sensor in a Single Step Approach: pres at 2nd International Meeting on Micro-Systems; Tainan, Taiwan; January 16-18, 2006.
84. Suneel Bandi, **Margaret Bell (HB'06)**, David Schiraldi, Temperature Responsive Clay Aerogel-Polymer Composites: *Macromolecules Journal*, 2005, v. 38, pp. 9216-9220
85. de Groh, Kim, **Kaminski, Sharon (HB'05)**, **McCarthy, Catherine (HB'07)**, **Rapoport, Allison (HB'05)**, **Rucker, Rochelle (HB'07)**, Solar Effects on the Degradation of Hubble Space Telescope Silver-Teflon Thermal Insulation: pres at 2006 Materials Research Society (MRS) Spring Meeting, San Francisco, April, 2006.

86. de Groh, Kim, **Kaminski, Sharon (HB'05)**, **McCarthy, Catherine (HB'07)**, **Rapoport, Allison (HB'05)**, **Rucker, Rochelle (HB'07)**, Solar Effects on the Degradation of Hubble Space Telescope Silver-Teflon Thermal Insulation: in Materials in Extreme Environments, editors D. Ila, C. Mailhot, P.B. Saganti, Vol. 929, ISBN: 978-1-55899-886-5, 2006
87. de Groh, Kim K., Banks, Bruce A., **McCarthy, Catherine E. (HB'07)**, **Berger, Lauren A. (HB'07)**, **Roberts, Lily M. (HB'08)**, **Rucker, Rochelle N. (HB'07)**, Analyses of the MISSE PEACE Polymers International Space Station environmental Exposure Experiment: in proceedings of "10th International Symposium on Materials in a Space Environment" & "8th International Conference on Protection of Materials and Structures in a Space Environment", Collioure, France, June 19-23, 2006 (ESA SP-616, September, 2006)
88. de Groh, Kim. K., Banks, Bruce A., **Hunt, Patricia K. (HB)**, NASA Glenn Research Center and Hathaway Brown School Collaborative MISSE Experiments: pres at 2006 National Space and Missile Materials Symposium in conjunction with the 2006 MISSE Post-Retrieval Conference, Orlando, FL, June 26-30, 2006.
89. **Pavlak, Claire (HB'08)**, Rysard J. Wycisk, Jun Lin, and Peter N. Pintauro, PVDF/POLY(AMPS-CO-EGDM) Proton Conducting Membranes for Direct Methanol Fuel Cells: to be pres at the Ohio Academy of Science 115th Annual Meeting, Dayton, OH, April 21-22, 2006 (poster); in Ohio Journal of Science, Vol. 106, No. 1, April, 2006, p A-38
90. **Murphy, Kathleen (HB'07)**, Robert H. Miller, Anne K. DeChant, An Evaluation of Young Undifferentiated Oligodendrocytes versus Mature Adult Oligodendrocytes as Repair Mechanisms in Areas of Myelin Breakdown: to be pres at Ohio Academy of Science 115th Annual Meeting, Dayton, OH, April 21-22, 2006 (poster); in Ohio Journal of Science, Vol. 106, No. 1, April, 2006, p A-41
91. **Goldstein-Kral, Lauren (HB'08)**, Circadian rhythm Regulation in the Pineal Organ of Zebrafish: to be pres at Ohio Academy of Science 115th Annual Meeting, Dayton, OH, April 21-22, 2006 (poster); in Ohio Journal of Science, Vol. 106, No. 1, April, 2006, p A-39
92. **Coquillette, Lizzie (HB'09)**, The Design and Programming of a Robotic Delivery Team: to be pres at Ohio Academy of Science 115th Annual Meeting, Dayton, OH, April 21-22, 2006 (poster); in Ohio Journal of Science, Vol. 106, No. 1, April, 2006, p A-40
93. **Dayem, Lina (HB'09)**, Bipolar Disorder and Short-Term Memory: to be pres at Ohio Academy of Science 115th Annual Meeting, Dayton, OH, April 21-22, 2006 (poster); in Ohio Journal of Science, Vol. 106, No. 1, April, 2006, p A-43
94. Aleksandra Klimczak, Ph.D., Sakir Unal, M.D., Anna Jankowska, **Coburn, Caroline (HB'06)**, Maria Siemionow, M.D., Ph.D.; Donor-Specific Cell Engraftment After Intraosseous or Intravenous Bone Marrow Transplantation in a Rat Model: submitted to International Transplantation, fall, 2005.
95. **Polakof, Miriam (HB'06)**, Rosemary Dietrich, Girish Shukla, and Richard Padgett; The Large, Exon Poor (LEP) FHIT Gene: Gene Expression in an Extreme Environment: 25th Annual Research Day, Cleveland Clinic Foundation, fall, 2005.
96. Daniel A. Shoskes, M.D., Stuart M. Flechner, M.D., **Valerie L. Shoskes (HB'07)**, David A. Goldfarb, M.D., Charles Modlin, M.D., Lingmei Zhou, M.S., Barbara Mastroianni, R.N., Kathy Savas, R.N., and Andrew C. Novick, M.D.; A Randomized Prospective Trial of OKT3 vs. Basiliximab Induction in Renal Transplantation with 5 Year Follow Up: pres at World Transplant Congress 2006, Boston, July, 2006.
97. **Yasmin Mekhail (HB'06)**, Epidermal Growth factor Receptor (EGFR) Gene Mutation in Lung Cancer: in Poster Proceedings of American Association for the Advancement of Science (AAAS) Annual Meeting, Feb. 16-20, 2006, St. Louis, MO (poster & abstract)

98. **Lindsay Cieri (HB'06)**, Beta-Lapachone Induced Death Morphology: in Poster Proceedings of American Association for the Advancement of Science (AAAS) Annual Meeting, Feb. 16-20, 2006, St. Louis, MO (poster & abstract)
99. Ryszard Wycisk, **Claire Pavlak (HB-08)**, Jun Lin, Peter Pintauro; PVDF/Poly(AMPS-co-EGDM) Proton Conducting Membranes for Direct Methanol Fuel Cells: pres at NAMS 2006 (North American Membrane Society), Chicago, IL, May 12-17, 2006.
100. Kim K. de Groh, Bruce Banks, **Catherine McCarthy (HB'07)**, **Rochelle Rucker (HB'07)**, **Lily M. Roberts (HB'08)**, and **Lauren Berger (HB'07)**; Analyses of the MISSE PEACE Polymers International Space Station Environmental Exposure Experiment: to be published in High Performance Polymers, Special Edition, date:_____, pp._____
101. de Groh, Kim K., Banks, Bruce A., **McCarthy, Catherine E., (HB'07)**, **Berger, Lauren A. (HB'07)**, **Roberts, Lily M. (HB'08)**, and **Rucker, Rochelle N. (HB'07)**, MISSE PEACE Polymers Atomic Oxygen Erosion Results: in proceedings of 2006 National Space & Missile Materials Symposium in conjunction with the 2006 MISSE Post-Retrieval Conference, Orlando, FL, June 26-30, 2006.
102. de Groh, Kim K., Banks, Bruce A., **McCarthy, Catherine E., (HB'07)**, **Berger, Lauren A. (HB'07)**, **Roberts, Lily M. (HB'08)**, and **Rucker, Rochelle N. (HB'07)**, MISSE PEACE Polymers Atomic Oxygen Erosion Results: NASA TM-2006-214482, November 2006.
103. K. K. de Groh, J. A. Dever, A. Snyder, **S. Kaminski (HB'05)**, **C. E. McCarthy (HB'07)**, **A. L. Rapoport (HB'05)**, **R. N. Rucker (HB'07)**, "Solar Effects on Tensile and Optical Properties of Hubble Space Telescope Silver-Teflon Insulation": in proceedings of Mater. Res. Soc. Symp., **929**, Warrendale, PA, 2006.
104. **Wang, Joanne (HB'07)** and Liu, Chung-Chiun; The Detection of Alkaline Phosphatase Using a Microbiosensor: Journal of Dental Research, 2006 (85), p 214, Abstract No. 143
105. Ryszard Wycisk, **Jane Chisholm (HB'05)**, Jeong Lee, Jun Lin, Peter N. Pintauro; Direct methanol fuel cell membranes from Nafion-polybenzimidazole blends: Journal of Power Sciences, 163 (2006) 9-17.
106. Kim K. de Groh, Joyce A. Dever, Aaron Snyder, **Sharon Kaminski (HB'05)**, **Catherine E. McCarthy (HB'07)**, **Allison L. Rapoport (HB'05)**, and **Rochelle Rucker (HB'07)**; Solar Effects on Tensile and Optical Properties of Hubble Space Telescope Silver-Teflon Insulation: NASA/TM-2006-214336, October, 2006.
107. **Lauren T. Goldstein-Kral (HB'08)**, Ramil R. Noche, Jennifer O. Liang; Circadian Rhythm Regulation in the Zebrafish Pineal Organ: presented at SPUR 2006 Poster Session (Summer Program in Undergraduate Research), Case Western Reserve University, 2006, poster and abstract.
108. Holly Thacker, M.D., **Bianca Falcone (HB'08)**, et al; Repeat Dual-Energy X-ray Absorptiometry (DXA) Resulting from Reminder Letters for Women with a Baseline Abnormal DXA: Journal of Clinical Densitometry, Manuscript # JCLINDENSITOM-D-06-00043R1, to be published in next issue with available space., notified Dec, 2006
109. **Lizzie Coquillet (HB'09)**; The Design and Programming of a Robotic Delivery System: in proceedings of AAAS Annual Meeting (American Association for the Advancement of Science), San Francisco, February, 2007, p A84 (abstract & poster)
110. **Amy Ransohoff (HB'08)**, Natalia Rebenko-Moll, Barbara Tucky, Anna Rietsch, and Richard Ransohoff; A Comparison of Cortical Pathology in Progressive Multifocal Leukoencephalopathy (PML) and Multiple Sclerosis (MS): pres at 116th Annual Meeting of the Ohio Academy of Science, Cleveland, April 20-21, 2007 (poster); & published in Ohio Journal of Science, vol. 107, no. 1, April 2007, p A24 (abstract)
111. **Ashley Dreier (HB'07)** and Christina O'Keefe; Statistical Analysis of Varying 3-beta Distributions of the Completeness Determining Region3 (CDR3) of T Cell Receptors: pres at 116th Annual Meeting of the Ohio

Academy of Science, Cleveland, April 20-21, 2007 (poster); & published in Ohio Journal of Science, vol. 107, no. 1, April 2007, p A24 (abstract)

112. **Sarah Counihan (HB'08)**, Catalytic Combustion Hydrogen and Oxygen in a Microtube for Rocket Application: pres at 116th Annual Meeting of the Ohio Academy of Science, Cleveland, April 20-21, 2007 (poster); & published in Ohio Journal of Science, vol. 107, no. 1, April 2007, p A25 (abstract)

113. **Uma Mohan (HB'09)**, Qilei Hang, Heather T. Broihier; An Overexpression Screen for Genes Involved in Motorneuron Cell Fate: pres at 116th Annual Meeting of the Ohio Academy of Science, Cleveland, April 20-21, 2007 (poster); & published in Ohio Journal of Science, vol. 107, no. 1, April 2007, p A24 (abstract)

114. **Shabdha Chigurupati (HB'08)**, Modalities of Tracking Heart Rythms: pres at 116th Annual Meeting of the Ohio Academy of Science, Cleveland, April 20-21, 2007 (poster); & published in Ohio Journal of Science, vol. 107, no. 1, April 2007 p A 25 (abstract)

115. **Lauren T. Goldstein-Kral (HB'08)**, Ramil R. Noche, Jennifer Liang, Circadian Rhythm Regulation in the Pineal Organ of Zebrafish: pres at 116th Annual Meeting of the Ohio Academy of Science, Cleveland, April 20-21, 2007 (poster); & published in Ohio Journal of Science, vol. 107, no. 1, April 2007 p A25 (abstract)

116. **Dora C. Huang (HB'09)** and Yeheng Wu; The Development of One-Dimensional, Multilayered PVK/PVA Photonic Crystals: pres at 116th Annual Meeting of the Ohio Academy of Science, Cleveland, April 20-21, 2007 (poster); & published in Ohio Journal of Science, vol. 107, no. 1, April 2007 p A25 (abstract)

117. **Caitlin Duffy (HB'08)**, Jennifer L. Avondet, Mark A. Willis; The Effect of Pheromone Concentration on Odor Tracking Ability in the American Cockroach: pres at 116th Annual Meeting of the Ohio Academy of Science, Cleveland, April 20-21, 2007 (poster); & published in Ohio Journal of Science, vol. 107, no. 1, April 2007 p A20 (abstract)

118. **Caitlin Mann (HB'09)**, Chung Chuin Liu; The Development of a Method for the Detection of Creatine Kinase: pres at 116th Annual Meeting of the Ohio Academy of Science, Cleveland, April 20-21, 2007 (poster); & published in Ohio Journal of Science, vol. 107, no. 1, April 2007 p A19 (abstract)

119. **Claire Pavlak (HB'08)**, Ryszard J. Wycisk, Jun Lin, Peter N. Pintauro; Effect of Membrane Transport Characteristics on Direct Methanol Fuel Cell Performance: pres at 116th Annual Meeting of the Ohio Academy of Science, Cleveland, April 20-21, 2007 (poster); & published in Ohio Journal of Science, vol. 107, no. 1, April 2007 p A21 (abstract)

120. Kim K. de Groh, Bruce A. Banks, **Patricia K. Hunt (HB)**; NASA Glenn Research Center and Hathaway Brown School Collaborative MISSE Experiments: pres at International Space Development Conference, Dallas, May 2007

121. Kim K. de Groh, Bruce A. Banks, **Catherine E. McCarthy (HB'07)**, **Lauren A. Berger (HB'07)**, **Rochelle N. Rucker (HB'07)**, **Lily M. Roberts (HB'08)**; Error Analysis of the MISSE 2 PEACE Polymers Atomic Oxygen Erosion Yield Data: pres at National Space and Missile Materials Symposium, Keystone, CO, June 25-29, 2007

122. N.M. Moll, PhD, A.M. Rietsch, BS, **Amy Ransohoff (HB'08)**, M.B. Cossoy, MD, D. Huang, MD, PhD, F.S. Eichler, MD, B.D. Trapp, PhD, R.M. Ransohoff, MD; Cortical Demyelination in PML and MS: Similarities and Differences: in Neurology, MS ID # Neurology/2007/195602, 2007

123. **Lauren Berger (HB'07)**, **Lily Roberts (HB'08)**, Kim de Groh, Bruce Banks, Use of Atomic Oxygen for Increased Water Contact Angles of Various Polymers for Biomedical Applications: NASA/TM – 2007-214925; August, 2007

124. Lisa A. Ferrara, M.S., Illya Gordon, B.S., **Madeline Coquillette (HB'07)**, Ryan Milks, B.S., Aaron J. Fleischman, Ph.D., Shuvo Roy, Ph.D., Vijay K. Goel, Ph.D., and Edward C. Benzel, M.D., A Preliminary Biomechanical Evaluation in a Simulated Spinal Fusion Model - Laboratory Investigation: *Journal of Neurosurgery: Spine*, Volume 7, November, 2007, pp 542-548
125. Ningfeng Tang, M.D., Ph.D., Vera Avkshtol, Min He, **Elizabeth A. Kilbane (HB'10)**, Cynthia Bearer, M.D., Ph.D., Toluene Inhibits L1 Cell Adhesion Molecule Signaling: in Proceedings of 2008 Pediatric Academic Societies' & Asian Society for Pediatric Research Joint Meeting, Honolulu, Hawaii, May 2-6, 2008.
126. Jill Froimson, co-author on paper in lab of Dr. Maria Siemienow
127. **Arielle Stambler (HB'10)**, **Karen Inoshita (HB'10)**, **Lily Roberts (HB'08)**, **Claire Barbagallo (HB'10)**, Kim K. de Groh, Bruce Banks, Ground-Laboratory to In-Space Atomic Oxygen Correlation for the PEACE Polymers: presented at 9th International Conference on the Protection of Materials and Structures from Space Environment, Toronto, Canada, May 20-23, 2008
128. **Divya Agarwal (HB'09)**, The Molecular Mechanisms of Cancer Prevention as a Function of Dietary Control: pres at American Association for Cancer Research (AACR) Annual Meeting, April 12-16, 2008, San Diego (poster)
129. **Uma Mohan (HB'09)**, Qilei Hang, Heather T. Broihier; Gene Misexpression Screen to Identify Novel Genes in Embryonic Motorneuron Development: pres at 2008 AAAS Annual Meeting, Boston, Feb, 2008, and in poster proceedings of AAAS, Boston, Feb, 2008 (abstract)
130. **Sarah Counihan (HB'08)**, Catalytic Combustion Hydrogen and Oxygen in a Microtube for Rocket Application: pres at 2008 AAAS Annual Meeting, Boston, Feb, 2008 and in poster proceedings of AAAS, Boston, Feb, 2008 (abstract)
131. **Lizzie Coquillette (HB'09)**, Mobile Robot Intelligence for Cooperative Autonomous Navigation: presented at 2008 AAAS Annual Meeting, Boston, Feb, 2008, and in poster proceedings of AAAS Boston, Feb. 2008 (abstract)
132. **Caitlin Duffy (HB'08)**, Jennifer L. Avondet, Mark A. Willis; Effects of Pheromone Concentration on Odor Tracking Ability in the American Cockroach: pres at 2008 AAAS Annual Meeting, Boston, Feb 2008, and in poster proceedings of AAAS, Boston, Feb, 2008 (abstract)
133. **Amy Ransohoff (HB'08)**, Natalia Rebenko-Moll, Barbara Tucky, Anna Rietsch, and Richard Ransohoff; Comparing Cortical Demyelination and Inflammation in PML (Progressive Multifocal Leukoencephalopathy) MS (Multiple Sclerosis): pres at 2008 AAAS Annual Meeting, Boston, Feb, 2008, and in poster proceedings of AAAS, Boston, Feb., 2008
134. **Casey Glassman (HB'09)**, Carole M. Liedtke, Laura Smith, **A Novel Function for COMMD1 in NKCC1 Function**: presented at OAS 117th Annual Meeting, Toledo, April, 2008, and in *Ohio Journal of Science*, Vol. 108, p A-31, April 2008.
135. **Suzanne Mazhuvanchery (HB'08)**, Nina C. Bhat, Marie-Luise Brennan, Stanley L. Hazen, The Effect of Myeloperoxidase on Myocardial Infarction and Survival in APOE/SR-BI Knockout Animals : presented at OAS 117th Annual Meeting, Toledo, April, 2008, and in *Ohio Journal of Science*, Vol. 108, April 2008, p A-28 (abstract)
136. **Julie Golinski (HB'09)**, Robert Miller, Anne DeChant, A Study of Stem Cell Migration in Response to Chemokines: presented at OAS 117th Annual Meeting, Toledo, April, 2008, and in *Ohio Journal of Science*, Vol. 108, April 2008, p A-29 (abstract)
137. **Kelsey O'Hearn (HB'08)** and **Stephanie Blumer (HB'09)**, Effectiveness of a Summer Enrichment Program for Disadvantaged Middle School Girls: presented at OAS 117th Annual Meeting, Toledo, April 2008, and in *Ohio Journal of Science*, Vol. 108, p A-30, April 2008

138. McKenzie, Blayne M., Miller, Adriane K., Wojtccki, Rudy J.; Johnson, J. Casey; Burke, Kelly A.; **Tzeng, Karis A. (HB'09)**; Mather, Patrick T.; Rowan, Stuart J.: Improved Synthesis of Functionalized Mesogenic 2,6-Bisbenzimidazolopyridine Ligands, *in* Tetrahedron, Vol 64, pp 8488-8495, 2008
139. Ramil R. Noche, Po-Nien Lu, **Lauren Goldstein-Kral (HB'08)**, Eric Glasgow, Jennifer O. Liang: Pineal Organ Rhythms Persist in Zebrafish Larvae That Lack Ventral Brain: pres at International Zebrafish Meeting, Madison WI. _____
140. **Kelsey O'Hearn (HB'08)**, **Stephanie Blumer (HB'10)**, Elaine Borawski, Ph.D., Cammy Dubie, Koyen Parikh Shah, Effectiveness of a Summer Enrichment Program for Disadvantaged Middle School Girls: pres at Case Research ShowCase, April 16-17, 2008 (poster)
141. Ramil R. Noche, Po-Nien Lu, **Lauren Goldstein-Kral (HB'08)**, Eric Glasgow, Jennifer O. Liang, Pineal Organ Rhythms Persist in Zebrafish Larvae that Lack Ventral Brain: BioMed central, http://www.biomedcentral.com/imedia/7740309721873352_article.pdf, 33pp.
142. Lisa A. Ferrara, Ilya Gordon, **Madeline Coquillette (HB'06)**, Ryan Milkes, Aaron Fleishman, Shuvo Roy, A Preliminary Biomedical Evaluation in a Simulated Spinal Fusion Model, Laboratory Investigation: *J. Neurosurgery: Spine* / Volume 7, November, 2007
143. Lisa Ferrara, Ilya Gordon, Richard Schlenk, **Medeline Coquillette (HB'06)**, Aaron Fleischman, Shuvo Roy, et al, In Vivo Assessment of Bone Graft/Endplate Contact Pressure in a Caprine Interbody Pseudarthrosis Model: A Preliminary Biomechanical Characterization of the Fusion Process for the Development of a Microelectromechanical Systems (MEMS) Biosensor: *SASJournal, Biomechanics*, Winter 2008, Volume 02, Issue 01.
144. Christoper John Hernandex, PHD, David A. Loomis, MS, Meghan M. Cotter, Andrew L. Schifle MS, Leah C. Anderson, MS, **Leah Elsmore (HB'08)**, Charles Kunos, MD, PhD, Bruce Latimer, PhD, Biomechanical Allometry in Hominoid Thoracic Vertebrae: *Journal of Human Evolution*: in *Journal of Human Evolution (JHE)*, Nov 2008.
145. **Lizzie Coquillette (HB'09)**, Autonomous Human Seeking Robot: presented at American Association for the Advancement of Science (AAAS) Annual Meeting, Chicago, Feb, 2009 (poster)
146. **Caitlin Mann (HB'09)**, Development of a Method for Detecting Creatin Kinase Using Micro Electrochemical Biosensors to aid in the Diagnosis of Muscular Damage and Disease: presented at American Association for the Advancement of Science (AAAS) Annual Meeting, Chicago, Feb, 2009 (poster)
147. **Uma Mohan (HB'09)**, Neuronal Activity Regulates Subcellular Localization of FoxO in Drosophila Motorneurons: presented at American Association for the Advancement of Science (AAAS) Annual Meeting, Chicago, Feb, 2009 (poster)
148. Daniel T. Boll, MD, Daniele Marin, MD, Stehen I. Zink, MD, **Grace Redmon (HB'11)**, Elmar M. Merkle, MD (all except Grace from Dept of Radiology, Duke University Medical Center, Durham, NC), Assessment of hepatic Steatosis, iron overload and combined disease with 3T MR T1w two-point Dixon Imaging: In-vitro Calibration and In,vivo Validation of Technique: presented at ISMRM International Conference, Honolulu, April, 2009
149. **Kathy Guo (HB'09)**, Jennifer Avondet, Mark Willis, PhD, Effects of the Tegula on Flight Control During Odor-Tracking in the Moth: pres at 118th Annual Meeting of the Ohio Academy of Science, Wittenberg University, Springfield, OH, April 17-19, 2009; in *The Ohio Journal of Science*, Vol 109, Number 1, p.A-27 April 2009 (poster & abstract)
150. **Alexa Magyari (HB'10)**, Ingrid Tomanova, MD, Joy Whitbred, Nora Singer MD, Total CD11B+ CD11C+, and F4/80+ Cell Populations are Increased in the CAWS Mouse Model of Kawasaki Disease (KD) Suggesting a Role for Macrophages and Dendritic Cells (DCS) in the Pathogenesis of Coronary Angiitis and Aortitis: pres at

118th Annual Meeting of the Ohio Academy of Science, Wittenberg University, Springfield, OH, April 17-19, 2009; in The Ohio Journal of Science, Vol 109, Number 1, p.A-27 April 2009 (poster & abstract)

151. **Diana A. Basali (HB'10)**, Ofer Reizes PhD, Immunofluorescence Analysis of a Neuronal Feeding and Obesity Circuit Regulated by the Protein Syndecan-3: pres at 118th Annual Meeting of the Ohio Academy of Science, Wittenberg University, Springfield, OH, April 17-19, 2009 (poster); in The Ohio Journal of Science, Vol 109, Number 1, p.A-29 April 2009 (abstract)

152. **Arielle Stambler (HB'09), Karen Inoshita (HB'09)**, MISSE 2 PEACE Polymers Ground-Laboratory to In-Space Atomic Oxygen Erosion Correlation: pres at 118th Annual Meeting of the Ohio Academy of Science, Wittenberg University, Springfield, OH, April 17-19, 2009 (poster); in The Ohio Journal of Science, Vol 109, Number 1, p.A-30 April 2009 (abstract)

153. **Elizabeth A. Zale (HB'10)**, Luis Solchaga PhD, The Immunosuppressive Potential of Mesenchymal Stem Cells in Treating GVHD: pres at 118th Annual Meeting of the Ohio Academy of Science, Wittenberg University, Springfield, OH, April 17-19, 2009 (poster); in The Ohio Journal of Science, Vol 109, Number 1, p.A-31 April 2009 (abstract)

154. **Rebecca L. Forcier (HB'10)**, Agata Exner PhD: Stability of Gas-Filled Lipid Microbubbles for Use in Drug Delivery: pres at 118th Annual Meeting of the Ohio Academy of Science, Wittenberg University, Springfield, OH, April 17-19, 2009 (poster); in The Ohio Journal of Science, Vol 109, Number 1, p.A-31 April 2009 (abstract)

155. **Rochelle Dumm (HB'10)**, Hematogenous Transmission of Diverse Oral Bacteria to Murine Placenta: Possible Role of Oral Cavity as a Potential Source of Intrauterine Infection: pres at 118th Annual Meeting of the Ohio Academy of Science, Wittenberg University, Springfield, OH, April 17-19, 2009 (poster); in The Ohio Journal of Science, Vol 109, Number 1, p.A-32 April 2009 (abstract)

156. **Keely Lavelle (HB'10)**, Gerald Matisoff PhD, Sediment Oxygen Demand in Lake Erie: pres at 118th Annual Meeting of the Ohio Academy of Science, Wittenberg University, Springfield, OH, April 17-19, 2009 (poster); in The Ohio Journal of Science, Vol 109, Number 1, p.A-33, April 2009 (abstract)

157. **Catherine E. Koch (HB'10)**, The Role of MMP9 in Blood Brain Barrier Disruption: pres at 118th Annual Meeting of the Ohio Academy of Science, Wittenberg University, Springfield, OH, April 17-19, 2009 (poster); in The Ohio Journal of Science, Vol 109, Number 1, p.A-34, April 2009 (abstract)

158. **Sara Kamionkowski (HB'10)**, Chitotriosidase (CHIT-1) Immunohistochemistry in the Diagnosis of Crohn's Disease: pres at 118th Annual Meeting of the Ohio Academy of Science, Wittenberg University, Springfield, OH, April 17-19, 2009 (poster); in The Ohio Journal of Science, Vol 109, Number 1, p.A-35 April 2009 (abstract)

159. **Keely Lavelle (HB'09)**, Gerald Matisoff, PhD, Changes in Oxygen Levels in Sedimentation in the Great Lakes as an Indicator of Health of the Lakes: presented at International Association of Great Lakes Research (IAGLR) 52nd Annual Conference for Great Lakes Research, Toledo, OH, May 19, 2009.

160. **Lauren Berger (HB'07), Lily Roberts (HB'08)**, Kim de Groh, Bruce Banks, Use of Atomic Oxygen for Increased Water Contact Angles of Various Polymers for Biomedical Applications: Article LEW-18386-1, Tech Briefs Magazine, May, 2009

161. **Arielle Stambler (HB'10), Karen Inoshita (HB'10), Lily Roberts (HB'08), Claire Barbagallo (HB'10)**, Kim K. de Groh, Bruce Banks, Ground-Laboratory to In-Space Atomic Oxygen Correlation for the PEACE Polymers: in Proceedings of 9th International Conference on the Protection of Materials and Structures from Space Environment (ICPMSE-9), Toronto, Canada, May 20-23, 2008; editor Jacob I. Kleiman, AIP Conference Proceedings 1087, Melville, NY, 2009, pp51-66

162. **Jarrell, Julia R. (HB'07)**, Ludington-Hoe, Susan M., PhD, FAAN, Abouelfetoh, Amel, PhD, RN, Kangaroo Care with Twins: A Case Study in Which One Infant Did Not Respond as Expected: in Neonatal Network, Vol. 28, No.3, May/June 2009, p157-160.