

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)

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