RESIDENT AND FELLOW PUBLICATIONS AND ACCOMPLISHMENTS IN 2009-10

International and National Awards

A. D. Sobel - ASIP Education Fund Trainee Travel Award awarded to **K. Jiang,** April 26, 2010, Anaheim Convention Center, CA.

Pathology Research Awards with Resident or Fellow as PI

"Selection of platelet units for platelet refractoriness: A Comparison between crossmatch and antibody specificity prediction", **A. Wehler**, H. Shike, R. Domen, M. Bongiovanni, J. Davis, R. Vassallo, awarded Jan 26, 2010.

"Seasonal effects on melanocytic proliferation in dysplastic nevi: an immunohistochemical study", **M. Young**, R. Marszalek, R. Bruggeman, K. Helm, L. Clarke, awarded Feb 12, 2010. Taken over by **M. Welsch**.

"Laboratory Performance Improvement by Automated Reporting of Immature Granulocytes on the System XE-2100" (Travel only), **A. Puriyadom**, M. Bongiovanni, T. Nifong, awarded May 8, 2010.

Resident Awards

- **Dr. Mariah McCready** Resident Professionalism Award, June 2010
- **Dr. Matthew Then** Quality Improvement Project Award Winner, June 2010
- Dr. Michelle Young Quality Improvement Project Honorable Mention, June 2010

Other Honors

Dr. Matthew Then – STAR Award

Resident Acceptances into Fellowships

- Dr. Malcolm Acon Laws: Hematopathology Fellowship at Penn State Hershey Medical Center
- **Dr. Mariah McCready:** Selective (Surgical) Pathology Fellowship at Penn State Hershey Medical Center
- **Dr. Annilyn Purayidom:** Blood Bank/Transfusion Medicine Fellowship at Penn State Hershey Medical Center
- **Dr. Matt Then:** Accepted Surgical Pathology Fellowship position at Fox-Chase Cancer Center, July 2011.
- **Dr. Kun Jiang:** Accepted Surgical Pathology Fellowship position at Emory University, July 2011.
- **Dr. Juanita Evans:** Accepted a Hematopathology Fellowship position at Penn State Hershey Medical Center for July 2011.

Resident Publications

<u>Articles</u>

- DelTondo JA, Helm KF. Actinic keratosis: precancer, squamous cell carcinoma, or marker of field cancerization? G Ital Dermatol Venereol 144(4):441-444, Aug 2009.
- **Purayidom, A**, Nifong, T. Therapeutic Phlebotomy as secondary prophylaxis for stroke and painful crisis in an adult patient with sickle cell disease. *Intl J of Hematol, in press,* May 2010.

Published abstracts

- Young MR, Sivendran M, Clarke LE, Regula C, Bruggeman RD, Helm KF. Bowenoid Seborrheic Keratoses: An Immunohistochemical Study. *J Cutaneous Pathology* 37:189, 2010. (Poster presentation, Am Soc Dermatopathology Mtg, Chicago, IL, October 2009.)
- **DelTondo JA, Then MT,** Abendroth CS, Crist HS, Conroy DK, Zander DS: Implementation of standardized touchscreen procedure templates to increase work efficiency in the surgical pathology gross laboratory. *Ann Clin Lab Sci* 40:184-203, 2010. (Oral presentation at Assoc of Clin Scientists Mtg, San Antonio, TX, May 2010.)
- Wehler A, Domen R, Bongiovanni M, Davis J, and Shike H. Predicting Platelet Flow Cytometric Crossmatch Compatibility by HLA Antibody Median Fluorescence Intensity. Ann Clin Lab Sci 40:184-203, 2010. (Oral presentation at Assoc of Clin Scientists Mtg, San Antonio, TX, May 2010.
- Evans J, Specht C, Simmons Z. Pathological findings in a case of familial amyloidosis, Thr60Ala (Appalachian-Type), with prominent peripheral neuropathy. *J Neuropathol Exp Neurol* 69:556, 2010. (Poster presentation, Am Assoc of Neuropathol Mtg, Philadelphia, PA, June 2010.)
- Jiang K, Wang Y, Iantosca M, Comito M, Specht C. Intracranial mesenchymal chondrosarcoma: Light and electron microscopic study of a pediatric case. J Neuropathol Exp Neurol 69:560, 2010. (Poster presentation, Am Assoc of Neuropathol Mtg, Philadelphia, PA, June 2010.)

Resident Poster Presentations

- Khov S, June R, **DelTondo J**.: GIST leading to an Acute MI: a case report. PA Society
 of Oncology and Hematology, Hershey, PA, October 2009.
- Timek, D. PET-CT in Head and Neck Cancer: Pathological Uptakes and "mimics". Electronic Exhibit (also selected for CME), Radiological Society of North America, Chicago, IL, Dec 2009.
- Then, M. Collaborating pathologist, Sarwani N, Tapouni R. High resolution imaging of prostate cancer using surface body coils: How to do it on 1.5T and 3T systems. Radiological Society of North America, Chicago, IL, Dec 2009.
- Wehler A, Domen R, Bongiovanni M, Davis J, and Shike H. Predicting platelet flow cytometric crossmatch compatibility by HLA antibody median fluorescence intensity. Graduate Medical Education Resident/Fellow Research Day, Hershey Medical Center, Mar 2010.

- DelTondo J, Then MT, Abendroth CS, Crist HS, Conroy DK, Zander DS: Standardization of touchscreen procedure templates to increase work efficiency in the surgical pathology gross laboratory. Graduate Medical Education Resident/Fellow Research Day, Hershey Medical Center, Mar 2010.
- Chen K-M, Guttenplan JB, Aliaga C, Cooper T, DelTondo J, Kosinska W, Sharma AK, Sun Y-W, Zhang S, Jiang K, Bruggeman R, Amin S, El-Bayoumy K. "The fjord region (±)-anti-dibenzo[a,l]pyrene-11,12-dihydrodiol-13,14-epoxides ((±)-anti-DB[a,l]PDE), is a powerful and specific inducer of squamous cell carcinoma in the oral cavity of mice." Am Assoc for Cancer Res, Washington D.C., Apr 2010.
- **Jiang K**, Rice S, Sharp T, Qi J, Mu D, Han B, Zander DS. Akt regulates Raf/MEK/ERK cascade, VEGF and matrix metalloproteinase (MMP) expression, and malignant characteristics of NSCLC cells. ASIP Meeting at EB10, Anaheim, CA, Apr 2010.
- Purayidom A, Bongiovanni M, Smalls V, Nifong T. Laboratory Performance Improvement by Automated Reporting of Immature granulocytes on the Sysmex-XE 2100. Annual Meeting of American Society for Clinical Pathology (ASCP), San Francisco, CA, submitted April 2010.
- Ali L, Young MR, Bayerl MG, Helm KF, Clarke LE. Gamma-Delta T-cell Lymphoma Arising in a Long-Standing Cutaneous Plaque. Annual Meeting of Am Soc of Dermatopathology (ASDP) Meeting, Chicago, IL, submitted May 2010.

Resident Invited Presentations

- **Dr. Annilyn Purayidom**, Evaluation of an Improved Lupus Anticoagulant screen, Dept of Pathology, National Medical Laboratory Week, Hershey, PA, April 2010.
- **Dr. Mariah McCready**, Improving Laboratory Utilization and Patient Care: Teaching Modules for Non-Pathology Residents, Dept of Pathology, National Medical Laboratory Week, Hershey, PA, April 2010.
- Dr. Dana Timek, Laboratory Utilization of Thyroid Testing. Pennsylvania Association of Pathologists (PAP) Annual Meeting, Harrisburg, PA, Apr 2010.
- Dr. Amanda Wehler, Platelet transfusion refractoriness and options for therapeutic intervention. Annual Meeting of American Society for Clinical Laboratory Science-PA (ASCLS-PA), King of Prussia, PA, May 2010.
- Dr. Amanda Wehler, Predicting Platelet Flow Cytometric Crossmatch Compatibility by HLA Antibody Median Fluorescence Intensity. Annual Meeting of the Association of Clinical Scientists, San Antonio, TX, May 2010.
- **Dr. Amanda Wehler**, Complications of apheresis. Continuing education for Apheresis nurses and BB staff, Dept of Pathology, 2010.
- Dr. Amanda Wehler, platelet transfusion refractoriness and options for therapeutic intervention. Continuing education for Apheresis nurses & BB staff, Dept of Pathology, 2010.

Quality Improvement Lecture Series, Department of Pathology Grand Rounds

Residents

- **Dr. Mariah McCready**, Improving Laboratory Utilization and Patient Care: Teaching Modules for non-pathology residents, Mar 2010.
- **Dr. Annilyn Purayidom**, Evaluation of an Improved Lupus Anticoagulant screen, Mar 2010.
- **Dr. Juanita Evans**, Digital teaching sets in pathology, May 2010.
- **Dr. Matthew Then**, Gross Room photography (PAX-it), Mar 2010.
- Dr. Dana Timek, Laboratory Utilization of Thyroid Tests, May 2010.
- **Dr. Joseph DelTondo**, Improving Lab Utilization and Patient care: Teaching modules for medical students. Mar 2010.
- **Dr. Kun Jiang**, Evaluation of data collected on efficacy of immediate interpretation of endoscopic FNA, Apr 2010.
- Dr. Jennifer Tserng, Informed autopsy consent, May 2010.
- Dr. Kael Mikesell, Replacing India Ink with Cryptococcus antigen in the diagnosis of cryptococcal infections, Apr 2010.
- **Dr. Irmeen Siddiqui**, Comparison of thin prep, cytospin, and cell block techniques for evaluation of cytology samples: what produces the best cellularity and morphology?, May 2010.
- **Dr. Yue Wang**, Comparison of the indicence of ASAP diagnosis on prostate biopsy at HMC to benchmarks, Apr 2010.
- **Dr. Jason Wells**, Case examples in IHC utilization, May 2010.

Fellows

- **Dr. Malcolm Acon Laws**, Creation of Multi-tissue controls for a variety of IHC stains, Apr 2010.
- **Dr. Amanda Wehler**, Isovolemic hemodilution with erythrocytapheresis to improve red blood cell utilization, Apr 2010.
- **Dr. Michelle Young,** Diagnostic agreement among dermatopathologists: Consensus conference versus individual evaluation, Mar 2010.

Interdepartmental Case Conferences

- **Dr. Matthew Then**, Presenting pathologist, Hepatic failure as presenting sign of lymphoma, Pediatric pathology mortality and morbidity conference (10/09)
- Drs. Dana Timek and Jennifer Tserng, Presenting pathologists, Pediatric Grand Rounds conference (12/09)
- Drs. Kun Jiang & Jason Wells "Autopsy findings in a non-surgically managed patient with Tetralogy of Fallot" Cardiology and Medicine Grand Rounds, Penn State University Milton Hershey Medical Center, Hershey, PA, Apr 2010.
- Dr. Matthew Then, Presenting pathologist Genitorurinary tumor board biweekly

- **Dr. Dana Timek**, Presenting pathologist, 2 y.o. male CFTR gene mutation (5/10) and 35 week old male VACTERL (9/10), Pediatric pathology mortality and morbidity conferences.
- **Dr. Joseph DelTondo**, Presenting pathologist, 14 y.o. female with sepsis, Pediatric pathology mortality and morbidity conference.
- **Dr. Joseph DelTondo**, Presenting pathologist, 82 y.o. female: Anaplastic Thyroid carcinoma, Department of Endocrinology mortality and morbidity conference.
- **Dr. Juanita Evans**, Presenting pathologist, multiple cases, Medicine/Pathology Autopsy Conferences and Ophthalmology/Pathology case presentations

Resident Educational Activities

Orientation lectures

- **Dr. Matthew Then**, lecturer, "Introduction to Information Technology," Hershey Medical Center Pathology Orientation Lecture Series (7/09).
- **Dr. Matthew Then**, Presenter, Genitorurinary histology system orientation session (7/09)
- **Dr. Mariah McCready**, Normal placenta and breast histology, orientation session (8/09)
- **Dr. Dana Timek**, Presenter, Neurology histology orientation session (9/09)
- **Dr. Joseph DelTondo**, Presenter, Dermatology histology system orientation session
- **Dr. Amanda Wehler,** Presenter, multiple sessions, Apheresis consults, platelet transfusion, therapy, donor screening & testing, platelet transfusion refractoriness and options for therapeutic intervention, complications of apheresis, Transfusion Medicine orientation lectures, 2009-2010.

Core Curriculum lectures

- **Dr. Mariah McCready,** Facilitator, Surgical Pathology themed conference: Central and Peripheral Nervous System Neoplasms, (9/09)
- **Dr. Matthew Then**, Presenter, Genitourinary pathology question review (8/09) and Microscopic colitis (10/09), Pathology residency curriculum
- **Dr. Annilyn Purayidom**, Presenter, Laboratory Diagnosis of Common Gastrointestinal Disorders (10/09), Pathology residency curriculum
- Dr. Annilyn Purayidom, Parasites, (10/09), Pathology residency curriculum
- Dr. Mariah McCready Presenter, Glomerulonephritides (10/09), Pathology residency curriculum
- Dr. Matthew Then, Lecturer Urology resident didactic curriculum (10 lectures)
- **Dr. Dana Timek**, Presenter, Celiac Sprue Serology (10/09) and Unusual Lung infections (5/10), Pathology residency curriculum
- Dr. Dana Timek, Facilitator, Surgical Pathology themed conference Soft tissue pathology. (03/10).

- Dr. Matthew Then, Facilitator, Peripheral vascular (hematological) system
- **Dr. Joseph DelTondo**, Facilitator, Surgical Pathology themed conference Dermatopathology.
- **Dr. Joseph DelTondo**, Presenter, Microsatellite Instability and pleural lesions, Pathology residency curriculum

Medical Student elective rotation teaching

- Dr. Mariah McCready, mentor, Medical Student III/IV pathology elective rotation
- **Dr. Annilyn Purayidom**, mentor, Medical Student III/IV pathology elective rotation
- **Dr. Juanita Evans**, mentor, Medical Student III/IV pathology elective rotation
- **Dr. Matthew Then**, mentor, Medical Student III/IV pathology elective rotation
- Dr. Dana Timek, mentor, Medical Student III/IV pathology elective rotation
- Dr. Joseph DelTondo, mentor, Medical Student III/IV pathology elective rotation
- **Dr. Kun Jiang**, mentor, Medical Student III/IV pathology elective rotation
- Dr. Kael Mikesell, mentor, Medical Student III/IV pathology elective rotation
- **Dr. Jason Wells**, mentor, Medical Student III/IV pathology elective rotation

Medical Student laboratory instruction

- **Dr. Matthew Then**, Medical Student Laboratory Assistant instructor, Cardiovascular pathology, tubular gastrointestinal pathology, pancreatic-biliary pathology, bone and soft tissue pathology, and introduction to histology.
- Dr. Joseph DelTondo, Medical Student Laboratory Assistant instructor, Cancer Histology Laboratory
- Dr. Annilyn Purayidom, Medical Student Laboratory Assistant instructor, Inflammation Histology Laboratory, April 2010
- **Dr. Juanita Evans,** Medical Student Laboratory Assistant instructor, renal, gastrointestinal, cardiovascular and neuropathology blocks.
- Dr. Mariah McCready, Medical Student Laboratory Assistant instructor, reproductive pathology, cardiac and vascular pathology, gastrointestinal pathology, and bone & soft tissue pathology

Other Professional Activities

- **Dr. Juanita Evans,** Pathology representative, Specialty Speed Dating event, Penn State student chapter of the AMA, Hershey, PA, Oct 26, 2010.
- **Dr. Matthew Then,** CAP Laboratory Inspection Team (9/09)
- **Dr. Amanda Wehler**, CAP Laboratory Inspection Team (9/09)
- **Dr. Mariah McCready**, CAP Laboratory Inspection Team (9/09)

- **Dr. Dana Timek,** ThinPrep certification (3/10)
- **Dr. Jennifer Tserng,** attended annual meeting for Disaster Mortuary Response Team (DMORT), Region III, Gettysburg, PA (3/10)
- **Dr. Malcolm Acon-Laws and Dr. Juanita Evans** volunteered to help the medical student group PULSE in their mini-medical student endocrinology lab.
- **Dr. Juantia Evans**, attended ACGME Leadership Skills Training Program for Chief Residents, Chicago, IL (5/10)

Committee Memberships

National

- **Dr. Juanita Evans**, junior member, CAP Practice Management Committee (1/2010 present)
- Dr. Kun Jiang, member, Am Soc for Investigational Pathology (ASIP) Meetings & Courses Task Force
- **Dr. Mariah McCready**, Resident representative, Am Soc for Clin Pathology (ASCP)
- **Drs. Juanita Evans & Joseph DelTondo**, Delegate, College of American Pathologist (CAP) Residents Forum
- Dr. Amanda Wehler, Immediate Past Chair (2009-2010), CAP Residents Forum Executive Committee.
- Dr. Amanda Wehler, CAP Residents Forum liaison, New in Practice Committee
- **Dr. Amanda Wehler**, member, CAP Risk Management Committee

State

- **Dr. Amanda Wehler**, Committee member, Pennsylvania Osteopathic Medical Association, Committee on Professional Guidance/Young Physicians, 2010.
- **Dr. Amanda Wehler**, Central Region representative for Penn State Milton S. Hershey Medical Center, Pennsylvania Osteopathic Medical Association, Committee on Professional Guidance/Young Physicians (2006-2010).

Institutional

- **Dr. Mariah McCready,** Chief Residents Committee, Penn State Milton S. Hershey Medical Center, 2009-2010.
- Dr. Annilyn Purayidom, Blood Usage Committee, Penn State Milton S. Hershey Medical Center
- **Dr. Annilyn Purayidom**, Clinical Improvement Committee, Penn State Milton S. Hershey Medical Center
- **Dr. Matthew Then**, Member, Penn State Milton S. Hershey Medical Center, Surgical Case Review Committee member, 2007-2009.
- **Dr. Juanita Evans**, Resident representative, Penn State Milton S. Hershey Medical Center, Graduate Medical Education Council, (7/2010).

- **Dr. Amanda Wehler**, Member, Penn State Milton S. Hershey Medical Center, Blood Usage Committee, 2009-2010.
- **Dr. Amanda Wehler**, Member, Penn State Milton S. Hershey Medical Center, Graduate Medical Education Council, 2007-2010.

Departmental

- Dr. Mariah McCready, Organizer, Surgical Pathology Unknown Conference
- **Dr. Matthew Then,** Penn State Milton S. Hershey Medical Center, Pathology Residency Education Improvement Task Forces Histocompatibility
- Drs. Mariah McCready & Matthew Then, Penn State Milton S. Hershey Medical Center, Pathology Residency Education Improvement Task Forces – Hematopathology
- **Drs. Matthew Then & Joseph DelTondo,** Penn State Milton S. Hershey Medical Center, Pathology Residency Candidate Recruitment/Interview Subcommittee
- Dr. Dana Timek, Penn State Milton S. Hershey Medical Center, Clinical Pathology Quality Improvement (CP QI) committee
- Dr. Joseph DelTondo, Penn State Milton S. Hershey Medical Center, Pathology Residency Subspecialty Sign-Out Task Force
- Dr. Joseph DelTondo, Department of Pathology Faculty and Resident Awards Committee
- Drs. Joseph DelTondo & Jason Wells, Visiting Professor Committee
- Dr. Joseph DelTondo, Facilitator, Resident Lunch with Program Director, Associate Directors, and Division Chiefs.
- Dr. Juanita Evans, member, Mini Lab Week and National Medical Lab Professionals Week Committees (2007- present)
- **Dr. Juanita Evans,** Clinical Pathology Librarian (2009 present)