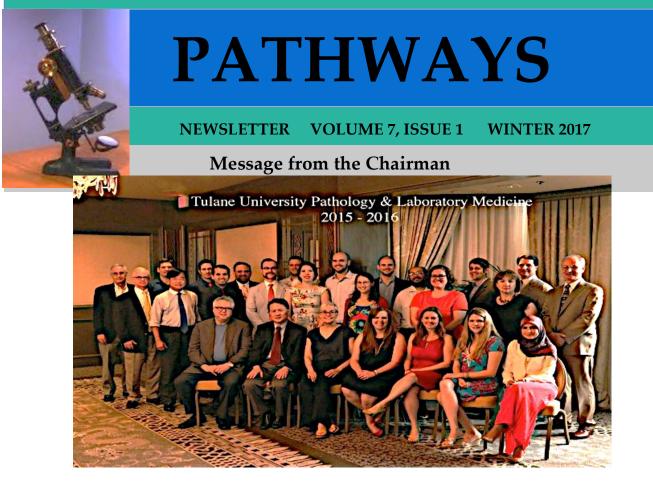
TULANE UNIVERSITY HEALTH SCIENCES CENTER DEPARTMENT OF PATHOLOGY & LABORATORY MEDICINE



Dear Colleagues,

Inside this issue of the Newsletter are highlights of some memorable occasions in our department during the past year, including graduation of our residents, fellows and students, the arrival of new faculty members and new trainees, the award ceremonies, and importantly, our scholarly activities in research, teaching and clinical services. Looking back at the past year, the Department achieved many of its projected goals. Our residents, fellows and students continue high-standard learning with great success in their career development. We continue to provide excellent diagnostic services, and are expanding next generation sequencing analysis to aid personalized patient care. Our research missions continue to expand, as reflected by innovative projects, excellent publications, and sustained research funding. A new addition to our existing teaching programs is the creation of the Masters of Sciences programs in Molecular Medicine and in Molecular and Cellular Pathobiology, which will begin in the upcoming fall semester. The Department greatly appreciates the outstanding efforts of all faculty, fellows, residents, students and staff in achieving our missions and in developing new initiatives. As we look back with satisfaction in the accomplishments of our Department in 2016, we surely look forward to achieving new objectives at highest levels in 2017!

Tong Wu, M.D., Ph.D.

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GRADUATION 2016

The Department of Pathology held its graduation ceremony last May in an event filled with awards, recognition, and farewells to graduating residents and fellows. Dr. Tong Wu, Department Chairman, presented Hyunjoo Kwon (**right**) with the Outstanding Graduate Student Award.



Dr. Suzana Savkovic presented the Outstanding Postdoctoral Fellow Award to Dr. Sandra Heller **(seen below, far left, with Dr.**



Savkovic).

Dr. Lacey Sullivan, Cytopathology Fellow, received her certificate from Dr. Krzysztof Moroz, while Dr. Janet Schmid awarded Hematopathology Fellow, Dr. Michael Van Vrancken his certificate for successful program completion. Dr. Schmid announced that Dr. Buu Duong (*in abstentia*) successfully completed his Dermatopathology Fellowship.

Dr. Janet Schmid awarded graduation certificates and a textbook of their choice to the graduating class of residents: Drs. Evans

Roberts and John Scopetta, Chief Residents.

Drs. Evans will remain at Tulane as Hematopathology Fellow while Dr. Scopetta will assume a Fellowship in Dermatopathology at Dartmouth-Hitchcock Medical Center in Lebanon, NH.

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GRADUATION 2016 (Continued)

Dr. Andrew Sholl presented the Rokitansky Award for Excellence in Autopsy to Dr. Victoria Collins.

Dr. Byron Crawford awarded Drs. Meggie Doucet and Eleanor Lewin, 2016-2017 Chief Residents, the Richard J. Reed Award for Surgical Pathology **(seen below, right to left).**



Faculty members were likewise recognized for achievement in pathology education for the year. Presented by Vice-Chairman Dr. Byron Crawford **(far right)**, plaques recognizing their teaching achievement were awarded to **(from left to right)**: Drs. Krzysztof Moroz; Tim Peterson; Andrew Sholl; Laura Kidd and John Schmieg.



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NEW FELLOWS 2016-2017



Left to right: Dr. Lacey Sullivan, Dermatopathology Fellow; Dr. Evans Roberts, Hematopathology Fellow. Both Drs. Sullivan and Roberts completed their residency at Tulane; Dr. Sullivan served as 2015-2016 Cytopathology Fellow at Tulane.

NEW RESIDENTS 2016-2017

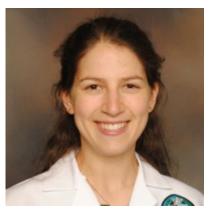


Left to right: Drs. Preeti Behl, Governmental Medical College Chandigarh; Monica Lobo, Louisiana State Health Sciences Center—New Orleans, LA; Robert Wood, Tulane University, New Orleans, LA.

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CHIEF RESIDENTS 2016-2017

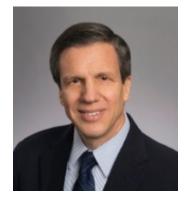




Chief Residents: Dr. Meggie Doucet (left); Dr. Eleanor Lewin (right).

SPECIAL LECTURES

The Dr. and Mrs. Michael A. Gerber Memorial Lecture was delivered on April 6, 2016 by Dr. Mark Czaja **(seen below)**, Professor of Medicine, Division of Digestive Diseases at Emory School of Medicine in Atlanta. Dr. Czaja's topic was, "Autophagy—Eating Your Way out of Non-Alcoholic Fatty Liver Disease."



SPECIAL LECTURES (continued)

The Seventh Annual Sternberg-Reed Lecture Series was held October 6-7, 2016. Dr. Stuart Schnitt **(seen right)**, Professor of Pathology at Harvard Medical School, and Vice-Chairman of Anatomic Pathology at Beth Israel Deaconess Medical Center was the featured speaker. Dr Schnitt's topic for the Sternberg-Reed Lecture was entitled, "The Continuing Dilemma of Ductal Carcinoma In Situ." Dr. Schnitt also conducted resident slides reviews and gave a



separate didactic lecture entitled, "A Contemporary View of Lumpectomy Margin Evaluation."



GRAND ROUNDS GUEST SPEAKERS

Dr. Seema Khurana **(seen left)**, Professor of Biology and Biochemistry at the University of Houston, was a guest presenter for the Department's weekly Grand Rounds on April 8, 2016. Dr. Khurana spoke on, "Defects in Mitochrondrial Homeostasis and Etiopathogenesis of Crohn's Disease."

Dr. Kalpana Ghoshal **(not pictured)**, Associate Professor of Pathology at Ohio State, lectured about, "MicroRNA 122: Nature's Double-edged Sword" on October 21, 2016.

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GRAND ROUNDS GUEST SPEAKERS (continued)



Dr. Ranjit Ray **(seen left)**, a Professor in the Division of Infectious Diseases, Allergy and Immunology at the Doisy Research Center of St. Louis University, delivered a Grand Rounds presentation entitled, "Advances in Understanding Hepatitis C Virus and Liver Disease" on April 15, 2016.



On September 23, 2016, invited speaker Dr. Jerrold Turner **(left)**, Department of Pathology and Medicine at the Brigham and Women's Hospital of Harvard Medical School delivered the Grand Rounds seminar, "Mucosal Barriers: Let's Make Them Great Again!"

Dr. William Glass **(seen right)**, Professor of Pathology and Director of Renal Services at University of Texas Health Sciences Center at Houston, visited the Department to deliver the seminar, "Cytodiagnostic Urinalysis: Cellular and Sediment Biomarkers of Renal and Urologic Disease," on September 30, 2016.



GUEST GRAND ROUNDS SPEAKERS (continued)

Dr. Chandrashekhar Gandhi **(seen right),** spoke on, "Stellate Cells in Hepatic Inflammation and Immunological Tolerance" on December 9, 2016. A Professor of Gastroenterology, Hepatology and Nutrition, as well as Surgery, Dr. Gandhi is affiliated with Cincinnati Children's Hospital Medical Center, University of Cincinnati.





Dr. Kenneth Fallon **(seen left)**, Associate Professor and Director of the Neuropathology Fellowship Program, University of Alabama at Birmingham, presented a Grand Rounds seminar entitled, "Frozen Section Consultation in Neuropathology: Early Tasks and Considerations" on January 27, 2017.

NEW FACULTY MEMBERS

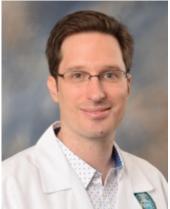
Dr. Kim "Greg" Mayhall **(seen right)** received his B.S. in Biological Sciences from LSU Baton Rouge, graduating *magna cum laude* in 2005. Receiving his M.D. from LSU School of Medicine in New Orleans in 2011, Dr. Mayhall joined the Residency Program in the Department of Pathology at Tulane the same year. (Continued next page.)



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NEW FACULTY MEMBERS (continued)

After successfully completing the program, Dr. Mayhall graduated and joined the Pathology Department of the Medical College of Wisconsin at Milwaukee as a Selective Surgical Pathology Fellow. His work concentrated in soft tissue/bone and thoracic/pulmonary pathology. Dr. Mayhall has published a number of articles in peerreviewed journals and is the first author of six. He now joins the faculty of the Department of Pathology at Tulane University Health Sciences Center as an Assistant Professor.



Dr. Michael Van Vrancken **(seen left)** received a B.S. in Microbiology from LSU Baton Rouge in 2003. From LSU Medical School at New Orleans, he was awarded his medical degree in 2009, and received a Master of Public Health degree in Epidemiology from LSU a year later. He successfully completed a residency in Anatomic and

Clinical Pathology at Baylor University Medical Center in Dallas, TX in 2014. He worked as a Gastrointestinal Surgical Pathology Fellow at Samsung Medical Center in Seoul, Korea form 2014—2015, and completed a Hematopathology Fellowship in the Department of Pathology at Tulane University Health Sciences Center in 2016. He has published a number of articles in peer-reviewed journals. Dr. Van Vrancken joins Tulane as an Assistant Professor of Pathology.

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On November 5, 2016, Harrison Penrose **(seen right)**, a graduate student under the mentorship of Dr. Suzana Savkovic in the Department of Pathology, participated in the Ironman Florida competition in Panama City. His goal was to raise funds and public awareness that will eventually help find a cure for Crohn's Disease and Colitis. Through Team Challenge, Penrose raised over \$5,000 for the Crohn's and Colitis Foundation of America.



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Murad F, Deniwar A, Malik T, Bhatia P, Sholl AB, Moroz K, Al-Qurayshi Z, Kandil M. Malignancy prevalence rate effect on gene expression classifier testing of thyroid nodules with indeterminate cytopathology. 37th annual meeting of the American Association of Endocrine Surgeons (AAES), Baltimore, MD, April 2016.

Abd Elmageed Z, Tsumagari K, Sholl AB, Miccoli P, Kandil E. Immunohistochemistry as accurate tool for evaluating BRAFV600E in 130 samples of papillary thyroid cancer patients. 37th annual meeting of the American Association of Endocrine Surgeons (AAES), Baltimore, MD, April 2016.

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PRESENTATIONS

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Song KS, Han C and Wu T. Hippo/YAP signaling induced by endotoxin promotes hepatic inflammation in non-alcoholic fatty liver disease (NAFLD) (Poster presentation). Tulane University Health Sciences Research Days 2016, JBJ building Atrium. New Orleans, LA. April 6-7, 2016.

Zhang JQ, Han C and Wu T. Loss of TGFbeta signaling leads to increased susceptibility to HCC in mice (Poster presentation). Tulane University Health Sciences Research Days 2016, JBJ building Atrium. New Orleans, LA. April 6-7, 2016.

Kwon, HJ, Han C and Wu T. Epigenetic silencing of microRNA-34A in human cholangiocarcinoma cells via EZH2 and DNA methylation: impact on regulation of NOTCH pathway (Poster presentation). Tulane University Health Sciences Research Days 2016, JBJ building Atrium. New Orleans, LA. April 6-7, 2016.

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Collins V, Trivedi D, Roberts E, Scopetta J, Crawford B, Nakanishi Y. Perforated gastric metastasis of Merkel cell carcinoma confirmed by the immunohistochemistry for Merkel cell polyomavirus: case report and review of the literature. ASCAP Meeting, Las Vegas, NV, September 2016

Atkinson V, Collins V, Nananishi Y. Colonic large cell neuroendocrine carcinoma arising from a tubulovillous adenoma: case report and review of the literature. ASCAP Meeting, Las Vegas, NV, September 2016.

Zhang JQ, Baddoo MC, Han C, Strong MJ, Cvitanovic J, Moroz K, Dash S, Flemington EK and Wu T. Gene network analysis reveals a novel 22-gene signature of carbon metabolism in hepatocellular carcinoma. (Poster presentation). Hepatology 2016, 64(S1): 644A. The 67th Annual Meeting of the American Association for the Study of Liver Diseases, Boston, MA. November 11 - 15, 2016.

Kwon, HJ, Song KS, Han C, Zhang JQ, Ungerleider NA, Yao L and Wu T. Epigenetic silencing of microRNA-34A in human cholangiocarcinoma cells via EZH2 and DNA methylation: impact on regulation of Notch pathway (Poster presentation). LCRC (Louisiana Cancer Research Consortium) Annual Scientific Retreat 2016, Xavier University Center, New Orleans, LA. April 22, 2016.

Peters C, Lewin E, Nakanishi Y. High-grade large cell neuroendocrine carcinoma arising from low and high grade dysplasia of the gallbladder: case report and review of the literature. ASCAP Meeting, Las Vegas, NV, September 2016

CAP CASES OF THE MONTH

Schmieg J and Crawford B. 2016. Classical Hodgkin Lymphoma, Nodular Sclerosis Type, Syncytial Variant. College of American Pathologists (CAP) 2016 Hematopathology (HPATH)-A Virtual Biopsy Program (VBP), Case #5

Stone J and Crawford BE. Pelvic Chondrosarcoma. College of American Pathologists (CAP), Case of the Month (**COM**), January 15, 2016.

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IN MEMORIAM DR. NORBERTO SCHOR PROFESSOR EMERITUS OF PATHOLOGY

DECEMBER 24, 1929–JANUARY 3, 2017

The Department of Pathology and Laboratory Medicine mourns the loss of one of its Emeritus Professors, Dr. Norberto "Lalo" Schor who passed away in January 2017. Dr. Schor was a beloved, esteemed and admired physician regarded for his knowledge of pathology, exceptional teaching ability and mentorship.

Born in Cordoba, Argentina, Dr. Schor **(pictured below)** embarked on a career in medical education that began in California. He settled in New Orleans with his family and joined the faculty of Tulane School of Medicine, where he was the second year medical school Pathology course director for nearly fifteen years. He also performed extensive research on both inflammatory and neoplastic liver disease. Beloved by the Department's residents, his association with Tulane endured for twenty-seven years, a time that encompassed almost his entire medical career.

