CAPA Annual Report
for 2019-2020

Presented by
Huan-You Wang, MD PhD
President, 2019-2020
March 2019-Feb 2020

- 1st year to implement new Bylaws to elect President and BODs
- 1st to enjoy the bona fide 501c(3) status thanks to the previous presidents in particular (Dr. Yun) and all EC members of 2018-2019

Educational activities
  Meetings
  Online lectures
  Collaborations with other societies-CAP, ASC (P He), DPA (M Bui), IAP-AP (X Bian), ACAP (Ruliang Xu), CAMS (N Liu and X Yang)
  Outreach programs-awards for residents and fellows

Membership

Finances
The 5th CAPA Diagnostic Pathology Course at Los Angeles, California, August 31 - September 1, 2019

(Photographed by Dr. Xiaoping Sun)
Speakers and Moderators at the 5th Diagnostic Course

Guoping Cai  Longwen Chen  Shaoxiong Chen  Zongming Chen
Hong Yin  Chunhua Cui  Rong Fan  Charles Guo
Xin Han  Qin Wang  Feng Li  Shaoying Li
Zaibao Li  Jun Qin Mo  Yan Peng  Xiaohua Qian
Steven Shen  Beverley Wang  Gang Wang  Huamin Wang
<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speakers</th>
<th>Moderators</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:25 - 7:30 pm</td>
<td>Welcome and Introduction</td>
<td>Jim Zhai, MD</td>
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<tr>
<td>7:30 - 8:00 pm</td>
<td>Selective diagnostic challenges of endometrial biopsies in your daily practice</td>
<td>Wenxin Zheng, MD UT Southwestern Medical Center</td>
<td>Wei Xin, MD PhD</td>
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<tr>
<td>8:00 – 8:30 pm</td>
<td>New development a pathologist should know in breast pathology</td>
<td>Xiaoxian (Bill) Li, MD PhD Emory University</td>
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<tr>
<td>8:30-9:00 pm</td>
<td>Interpretation of Intestinal Biopsy in the Era of Precision Medicine</td>
<td>Xiuli Liu, MD PhD University of Florida</td>
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<tr>
<td>9:00-9:30 pm</td>
<td>Update of new liver neoplasms and biopsy diagnostic pitfalls for general surgical pathologists</td>
<td>Xuchen Zhang, MD PhD Yale University</td>
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<tr>
<td>9:30-10:00 pm</td>
<td>Role of Cytology in the Era of Molecular Medicine</td>
<td>Yun Gong, MD UT MD Anderson Cancer Center</td>
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</table>
CAPA at International Academy of Pathology (IAP)
Oct 11-14, Hefei, China
Network of APIAP

Oct. 11-14, 2019, Hefei, China

Sponsored by: Chinese Division of International Academy of Pathology

Organized by: University of Science and Technology of China (USTC) & The First Affiliated Hospital of USTC

APIAP 2019
# Capa-Iap/Ap

## Total 17 Speakers from CAPA

### Special Session

10 speakers

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### CAPA Special (3F, New York Hall)

**Chair:** Xiu-Wu Bian (Southwest Hospital, Third Military Medical University, China) & Huan-You Wang (UC San Diego, United States)

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>07:50-08:00</td>
<td>Opening Ceremony</td>
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<tr>
<td>08:00-08:20</td>
<td>Pathologist in Clinical Cancer Immunotherapy</td>
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<tr>
<td></td>
<td>Speaker: Dongfeng Tan (MD Anderson Cancer Center, United States)</td>
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<td></td>
<td>Moderator: Huan-You Wang (UC, San Diego, United States)</td>
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<tr>
<td>08:20-08:40</td>
<td>The HRV8/KSHV-associated lymphoplasmacytic Proliferative Disorders</td>
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<td>Speaker: Huan-You Wang (UC, San Diego, United States)</td>
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<tr>
<td></td>
<td>Moderator: Huan-You Wang (UC, San Diego, United States)</td>
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<tr>
<td>08:40-09:00</td>
<td>Precision Medicine from a Pathologist's Perspective</td>
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<tr>
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<td>Speaker: Qun Xu (Chinese Academy of Medical Sciences, China)</td>
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<td></td>
<td>Moderator: Huan-You Wang (UC, San Diego, United States)</td>
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<tr>
<td>09:00-09:20</td>
<td>Tumor Biomarkers in Breast Cancer: Issues in Clinical Practice</td>
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<td>Speaker: Yan Peng (UTSouthwestern Medical Center, United States)</td>
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<td></td>
<td>Moderator: Wentao Yang (Fudan University Shanghai Cancer Center, China)</td>
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<tr>
<td>09:20-09:40</td>
<td>Role of Cytology in Molecular Medicine</td>
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<td>Speaker: Yun Gong (MD Anderson Cancer Center, United States)</td>
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<td></td>
<td>Speaker: Ping Mei (Guangdong Provincial People's Hospital, China)</td>
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<tr>
<td>09:40-10:10</td>
<td>Break</td>
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<tr>
<td>10:10-10:30</td>
<td>Molecular Pathology of Uterine Mesenchymal Tumors</td>
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<td>Speaker: Daping Cai (Washington University School of Medicine in St. Louis, United States)</td>
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<td></td>
<td>Moderator: Huan-You Wang (UC, San Diego, United States)</td>
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<tr>
<td>10:30-10:50</td>
<td>WHO Updates and Evolving Categories in Characterizing Post-Transplant Lympho-Proliferative Disorders</td>
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<td>Speaker: Jian Wang (Loma Linda University Medical Center, United States)</td>
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<td></td>
<td>Moderator: Kun Xu (Chinese Academy of Medical Sciences, China)</td>
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<tr>
<td>10:50-11:10</td>
<td>The Common Diagnostic Confusions of the Thyroid Follicular Neoplasms</td>
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<td>Speaker: Piwu Luo (Kingmed Diagnostics, China)</td>
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<td>Moderator: Anja Han (Sun Yat-sen University, China)</td>
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<tr>
<td>11:10-11:30</td>
<td>Neoplastic Tumors of the Breast: Update in Terminology and Classification</td>
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<td>Speaker: Yun Wu (MD Anderson Cancer Center, United States)</td>
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<tr>
<td></td>
<td>Moderator: Wentao Yang (Fudan University Shanghai Cancer Center, China)</td>
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CAPA at Joint CAPA-The Chinese Academy of Medical Sciences
Oct 18-20, Beijing, 2019
Speakers for CAPA-CH/CAMS

Kim, Grace (UC San Francisco):
    Problematic Cases in GI Service

Wang, Yihong (Brown University):
    Characteristics of metastasis in the breast from gastrointestinal origin

Liu, Chen (Rutgers University):
    Epigenetic biomarkers in early HCC

Xin, Wei (Case Western Reserve University):
    Practical approach for diagnosing medical liver disease

Wang, Huan-You (UC San Diego):
    T/NK-cell lymphoproliferative disorders of the digestive system

Zhou, Jiehao (Indiana University):
    B-cell lymphomas of the digestive system

Cai, Guoping (Yale University):
    Pancreatic cysts: cytomorphology, cyst fluid analysis and molecular testing

Wang, Huamin (UT MD Anderson Cancer Center):
    Challenges and recommendations in pathology of treated pancreatic cancer

Gong, Yun (UT MD Anderson Cancer Center):
    Challenges cases of pancreatic FNA
CAPA Companion Meeting at American Society of Cytology
Nov 14-17, 2019, Salt Lake City, USA

Speakers
Marilyn Bui
Fang Fan
Xiaoqi Lin
Xiaoying Liu
David Zhongren Zhou

Organized by
Peter Wang
Weekly Online Education/Seminars

30 online lectures

with

average attendees 270/session

CAPA MEMBER
OF THE YEAR AWARD
2019-2020

Presented to

Rong Fan, MD

18th CAPA Annual Meeting
February 29, 2020
Los Angeles, California
Dr. Yun Gong is a Professor (Tenured) of Pathology at MD Anderson Cancer Center, Houston, USA. She received MD degree in 1984 and completed her post-graduate Pathology training in 1989 at Zhejiang Medical University in China. She then worked as a post-doctor and Research Associate in the Shanghai Institute of Cell Biology, Chinese Academy of Sciences; Catholic University of Nijmegen, The Netherlands; and The Scripps Research Institute, La Jolla, California. From 1998 to 2002, she received her residency training in Anatomic and Clinical Pathology at Northwestern University Medical School in Chicago, followed by one-year cytopathology fellowship training at MD Anderson Cancer Center. In 2003, she joined the faculty at the department of Pathology at MD Anderson Cancer Center and was promoted to Full Professor in 2015. She has published 133 peer-review articles, 16 invited articles, 9 book chapters, one book, and 141 abstracts in the fields of breast cancer research and cytopathology. She is an important collaborator of Inflammatory Breast Cancer research team at MD Anderson Cancer Center that has been funded by multiple grants including Susan G. Komen Grants and RO1. Dr. Gong was a member of the Scientific Program Committee in the American Society of Cytopathology, a member of study section of MD Anderson Institutional Research Grant Program and a reviewer for NCI/NIH on Business Innovation Research Contract Proposals. She is a member of (Executive) Editorial Boards of 12 professional journals, a Guest Editor of Breast Diseases: Year Book of Oncology, and a reviewer for 21 scientific/medical journals. She gave speeches in a number of national, international pathology and oncology conferences, local pathology societies and Grand Rounds in several institutions.

Dr. Gong has been a CAPA member since its establishment in 2004 and has been actively participating in or organizing activities of CAPA. She served as a member of Executive Committee (2010-2012), Chair of Education/Academic Committee and CAPA Vice President (2011-2012). She was a President of CAPA in 3/2018-3/2019. Under her leadership, CAPA achieved several important milestones: completed internal and external finance reviews, prepared and applied non-for-profit [501c(3)] status that was granted by IRS in 4/2019; completed amendment of CAPA Bylaws to ensure a healthy operation of CAPA (currently, CAPA is led by CAPA President and the newly established Board of Directors); rebuilt CAPA website to improve its performance; completed member database update and membership re-registration in the new website; and secured 17 sponsors ($39,700) to support CAPA events. In addition, the leadership team successfully organized serval educational activities, including the weekly online lectures, the 2018 CAPA Diagnostic Pathology CME Course in New York, the 2018 CAPA-CAPA companion meeting in Chicago, the 4th Sino-US Cancer Diagnostic Pathology Summit in Beijing and the 2019 CAPA annual business meeting with The Best Abstract Awards presentation and pathology update lectures during USCAP meeting at National Harbor. Nine Executive Committee meetings were conducted throughout the year and CAPA members were promptly updated by the meeting minutes and 4 issues of eNewsletter. We thank Dr. Gong for her outstanding leadership, dedication and contributions to CAPA.
CAPA President’s Award

Dr. Huamin Wang is a Professor of Pathology with tenure at the University of Texas MD Anderson Cancer Center (MDACC) with joint appointments as a Professor in the Department of Translational Molecular Pathology, MDACC and in MD Anderson UTHealth Graduate School of Biomedical Sciences. He is well recognized both nationally and internationally as one of the leading experts in gastrointestinal pathology and translational research on pancreatic cancer. Dr. Wang is currently a member of the USCAP Publication Committee, USCAP Young Investigator Award Committee, and Education Committee of the Pancreatobiliary Pathology Society. He is a proud lifetime member of CAPA and has made significant contributions to CAPA. Dr. Wang served as the CAPA Secretary and Executive Committee Member (2014-2016), CAPA President-elect (2015-2016), CAPA President (2016-2017), CAPA Immediate Past President and Chair of Senior Advisory Committee (2017-2018). Under his ongoing leadership as the CAPA President 2016-2017, Dr. Wang led a very successful year and achieved several major milestones for CAPA: 1. CAPA membership reached a new record of 42% increase from the previous year. 2. CAPA had a very successful year financially with a net gain of $33,660. 3. CAPA successfully organized several major educational events, including the First CAPA Companion Meeting at 2016 CAPA Annual Meeting in Las Vegas; CAPA Section at the 10th Congress of Asia Pacific International Academy of Pathology (IAP) in Bali, Indonesia; the Second CAPA Diagnostic Pathology Course in Houston; The Second CAPA-Beijing Pathology Symposium in Beijing; The Third China-US Pathology Symposium in San Antonio; and the CAPA online educational program and webinars. 4. Successful revision of the CAPA Bylaw; 5. CAPA established three new subspecialty subcommittees for Hematopathology, Cytopathology and Dermatopathology and created a new CAPA award, the CAPA President Award. We thank Dr. Wang for his dedication, outstanding service, and leadership to CAPA.
CAPA Distinguished Pathologist Award

Dr. Chen Liu is currently professor and chair of pathology, immunology and laboratory medicine at New Jersey Medical School and Robert Wood Johnson (RWJ) Medical School at Rutgers University and chair of the Center for Dermatology at RWJ Medical School. He is also the chief of laboratory service at University Hospital in Newark and RWJ University Hospital in New Brunswick. Starting March 1, 2020, he will become chair of pathology at Yale University and chief of pathology at Yale New Haven Hospital. During Dr. Liu’s tenure at Rutgers, the department doubled the number of faculty, and significantly increased clinical revenue, NIH funding, and academic productivity. Dr. Liu is a well-recognized gastrointestinal and liver pathologist, providing expert consultations for physicians and patients. His research, for which he has several patents and pending applications, focuses on the epigenetic drivers that cause liver cancer in a virally infected or alcohol exposed liver. This work has contributed to the understanding of liver cancer carcinogenesis and biomarker discovery for early diagnosis and therapeutic targets. He is also using immunotherapy to treat liver cancer, specifically engineering T cells and natural killer (NK) cells to boost their anti-cancer activity, which will soon be tested in a clinical trial. His research programs have been continuously funded by the NIH and other agencies and he has published more than 240 peer-reviewed articles and book chapters.
Xiaowei Xu, MD, PhD, is a physician-scientist at the University of Pennsylvania, with board certifications in Anatomic Pathology, Clinical Pathology and Dermatopathology. His laboratory has been focused on melanoma biology, developing new biomarkers and therapies for melanoma. He has served as the pathologist in over 20 clinical trials, including the initial clinical trials of vemurafenib in patients with $\text{BRAF}^{V600E}$ mutant melanoma (Nature 2010) and imatinib in patients with $\text{KIT}$ mutant melanoma (JCO 2011). He and his colleagues developed mitosis as a prognostic marker for melanoma that was eventually adopted into AJCC staging for clinical use. His laboratory has made major contributions to the understanding of acquired resistance mechanisms to targeted therapies in melanoma and identified several novel resistance mechanisms, such as PAK pathway activation (Nature 2017), to mutant BRAF and MEK inhibitors. He and his colleagues found that the ratio of T cell exhaustion and tumor volume predicts patient response to anti-PD1 therapy (Nature 2017); levels of plasma exosomal PD-L1 are predictive for anti-PD1 treatment response (Nature 2018); new histological scoring to assess the effects of neoadjuvant therapy in melanoma (Nature Medicine 2019). His laboratory established a new melanoma mouse model based on conditioned deletion of $\Phi l 2$ gene which may be used to test various treatments (Nature commun. 2018). The Xu laboratory has been highly productive with $>200$ peer reviewed publications (Google Scholar h-index: 65 and 19092 citations). He holds 8 patents/patent applications in the area of hair follicle, melanocyte and melanoma treatment. He was recognized as America’s Top Doctors in 2017, Top Doctors from Philadelphia magazine in 2018, 2019. He was nominated as Clinical Research 2019 Top Ten Finalists by Clinical Research Forum.
Fan Chen, MD, PhD is Associate Medical Director and Director of Anatomic Pathology at the Northeast Division of Laboratory Corporation of American Holdings (Raritan, New Jersey) where she began to work last year. In May of 2015, Dr. Chen helped to design and publish the first issue of the Chinese American Pathologists Association (CAPA) newsletter, under the direction of Dr. Fan Lin, the CAPA president at the time. Since 2015, she has published numerous CAPA newsletters, sometimes up to four issues a year. In addition, she has functioned as designer and editor in chief for meeting brochures produced for the CAPA Annual Meeting (since 2016) and the CAPA CME Program (since 2018). Finally, since 2015, Dr. Chen has also served as a member of the Executive Committee, Co-Chair for the CAPA Membership and Publication Subcommittees, Chair of the CAPA Newsletter Committee and Chair of the CAPA Publication and Website Committee.
CAPA Member of the Year Award

Shaoxing Chen
Rong Fan
Danielle Lu
Jun Mo
Xiaoping Sun
Xin Han
Xiaodong Li
Jun Wang
Beverly Wang
Larry Wang
Zaibo Li
Xiaoqi Lin
Xiangdong Xu
Jing Zhang
Chen Zhou
<table>
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<tr>
<th>Ranking</th>
<th>Name</th>
<th>Abstract title</th>
<th>Institution</th>
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<tbody>
<tr>
<td>1st place</td>
<td>Hong Fang, MD Hematopathology Fellow</td>
<td>Myelodysplastic Syndrome with t(6;9)(p22;q34.1) Categorized as Acute Myeloid Leukemia: A Large Multicenter Study of 100 Cases</td>
<td>MD Anderson Cancer Center</td>
</tr>
<tr>
<td>2nd place</td>
<td>Fengming Chen, MD, PhD Resident (PGY4)</td>
<td>The Changes of Histological Inflammatory Injury and Gene Expression Signatures in Ulcerative Colitis Associated with Colon Cancer Progression</td>
<td>Penn State Hershey Medical Center</td>
</tr>
<tr>
<td>2nd place</td>
<td>Ying Liu, MD, PhD Resident (PGY3)</td>
<td>Genomic Signatures and Clinicopathological Correlation in Uterine Smooth Muscle Tumors of Uncertain Malignant Potential, Leiomyosarcoma, and Leiomyoma with Bizarre Nuclei</td>
<td>UC Davis Medical Center</td>
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<tr>
<td>3rd place</td>
<td>Zhonghua Liu, MD, PhD Fellow</td>
<td>Pheochromocytoma: Clinicopathological and molecular Study of 333 Cases</td>
<td>MD Anderson Cancer Center</td>
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<tr>
<td>3rd place</td>
<td>Tong Sun, MD, PhD Cytopathology Fellow</td>
<td>Determining the Significance of Psammoma Bodies in Pelvic Washings: A 10-Year Retrospective Review</td>
<td>Massachusetts General Hospital</td>
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<tr>
<td>Ranking</td>
<td>Name</td>
<td>Abstract title</td>
<td>Institution</td>
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<td>3rd place</td>
<td>Rong Xia, MD, PhD Resident (PGY4)</td>
<td>Computer-Assisted Morphometrical and Statistical Analysis to Differentiate Well-Differentiated Hepatocellular Carcinoma, Hepatocellular Adenoma, and Non-Neoplastic Liver</td>
<td>State University of New York, Downstate Medical Center</td>
</tr>
<tr>
<td>3rd place</td>
<td>Guang Yang, MD, PhD Hematopathology Fellow</td>
<td>CD19-Negative B-ALL Relapses after CAR T Cell Therapy Are Associated With a Hypermutator Phenotype</td>
<td>Hematopathology, Hospital of the University of Pennsylvania</td>
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<tr>
<td>3rd place</td>
<td>Yihe Yang, MD Resident (PGY3)</td>
<td>A Mobile Platform-Based Structured Sign Out Tool to Improve Resident Teaching on Anatomic Pathology Rotations</td>
<td>Northwell Health (Northshore University Hospital and Long Island Jewish Medical Center)</td>
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<tr>
<td>3rd place</td>
<td>Kuixing Zhang, MD, PhD GI pathology Fellow</td>
<td>Can Multi-Target Stool DNA Test (Cologuard) Replace Colonoscopy to Detect Colorectal Cancer? A Single Institutional Experience</td>
<td>UCLA</td>
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CAPA Award Committee (year 2019-2020) Members

Xiuli Liu, MD PhD, Chair

CAPA Education
Chair: Lanjing Zhang
Co-Chairs: Zengang Pan
          He Wang
          Wei Xin
          Ximing Yang &
          Limin Yu

CAPA Finance Committee Members 2019-2020

Dr. Huihong Xu – Chair
Dr. Zaibo Li – Co-chair
Dr. Zongming (Eric) Chen
Dr. Qin Huang
Dr. Yue Sun
Membership
Total of 682 members
Lifetime member: 302

State of Finance
With net gain of at
~$45,000.0
Donations from CAPA members

Total $2740 from 2019
Chin-Lee Wu, Xiuli Liu, Rong Fan, Huan-You Wang, Bihong Zhao, Zenggang Pan, Jihui Qiu, Huihong Xu, Qin Huang, Zaibo Li, Ling Wang, Jiehao Zhou, Lina Liu, Ling Gao, Rulong Ren, Lanjing Zhang, and Hannah Chen

Total $10,800 from early 2020
He Wang, Yun Gong, Xiaoping Sun, and Qun Wang

Lizhen Gui: $10,000 for the “Lizhen Gui Award for Excellence In Pathology Training.”