



Society for Ultrastructural Pathology

NEWSLETTER

Summer 2019

Message from the President, Giovanna M Crisi MD PhD

First and foremost, I want to apologize for the delay in submitting a Newsletter for the Society.

The Summer 2019 Newsletter incorporates updates on the Societies activities. Websites are available via hyperlink (color).

I am very honored to have been elected President of the Society for Ultrastructural Pathology (SUP) in June 2018, and to follow in the footsteps of great colleagues and pioneers in Electron Microscopy.

As an anatomic pathologist with a subspecialty in renal pathology I look forward to serving the Society in this remaining year as president, and in future years.

I want to sincerely thank Sara Miller for sharing insights and providing continuous advice and guidance throughout.

As President I envision consolidating international Electron Microscopy societies, working groups and associations under one general Society, the Society for Ultrastructural Pathology. We need to gather our knowledge and expertise to guide the future role of EM in diagnoses, innovative research and targeted therapies for our patients. I am looking forward to all your support.



A few notes to share about the SUP activities in the last years.

ULTRAPATH

The ULTRAPATH XIX took place on June 24-29, 2018 in Newport, Rhode Island, USA. The number of participants was around 40, including pathologists, pathology trainees, and electron microscopists. Countries represented included USA, Canada, Australia, New Zealand, Germany, The Netherlands, Egypt, Oman.

The attendance was less than in prior years, likely multifactorial due to late opening of the registration and USA imposed travel bans for some attendees. The meeting was overall well received with numerous in-depth presentations on the role of EM in the current practice of pathology. A survey was sent to participants to provide feedback that will help us in the organizational aspects of future meetings. Thank you to those that took the survey.

A basic program was provided during the meeting. In an attempt to go-green/be environmentally conscious, the content of the program was sent to all participants. Anyone who registered for the meeting and wants a copy of the full program can contact Giovanna Crisi.

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A unique factor about ULTRAPATH XIX was the incorporation of the Ultrastructural Pathology 101 Fundamentals of Diagnostic EM course, which used to occur independently. The meeting started with a full day of Basic Ultrastructural Pathology lead by Gary Mierau and Eric Wartchow. This was so well received that we plan to incorporate the course in future Ultrapath meetings.

At the ULTRAPATH XIX we honored Gary Mireau for his vast contributions to the Society throughout its inception. Dr. John Hicks gave a fantastic summary of Gary's involvement in the society.

The Ghadially award and Tucker award are given for best poster presentations by trainees at the biennial meetings. For the ULTRAPATH XIX the names of the awardees and title of their presentations are available for review on the [SUP website](#). I encourage you to visit the website which provides information on all prior awardees.

Participants are encouraged to submit their abstract to the journal Ultrastructural Pathology, editor-in-chief Guillermo A. Herrera.



I want to thank the following corporate sponsors of the ULTRAPATH XIX 2018 meeting for their continued support:

Ted Pella, Hitachi High Technologies, Thermo-Fisher Scientific/FEI, Delong America Inc, Electron Microscopy Sciences (EMS), Microscopy Innovations LLC, JEOL, Advanced Microscopy Techniques (AMT).

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The Society is very thankful to Gretl Nunnemacher for her generous gift and support of the ULTRAPATH XIX.

Save the date for the next biennial ULTRAPATH meeting

[ULTRAPATH XX will be in Amsterdam, June 8-12, 2020](#)



The local organization team from the Academic Medical Center, Amsterdam, is led by Nicole van der Wel. The venue is the [KIT – Tropical Institute](#)

The organizing committee will send out invitations for members to participate in the scientific program. Registration will open Fall 2019.

We are looking forward to your attendance at ULTRAPATH XX 2020 and to a great meeting.

USCAP Companion Meeting

As past president-elect I had the task of organizing the SUP Companion Meetings at the United States and Canadian Academy of Pathology (USCAP). The SUP CM topics at the USCAP 2017 and 2018 were “EM in epithelioid soft tissue tumors” and “Pathology of the Nervous System”, respectively. I am assisting the current president-elect, John Brealey, in the role of organizing the SUP CM for years 2019-2020. The topic for USCAP 2019 SUP CM was “Primary ciliopathies”, with invited experts in the field from around the globe.

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I would like to thank all those that helped in soliciting speakers for these programs and thank you to all the lecturers. The programs and topics of the past SUP CM are available for review on the [SUP](#) and USCAP websites.

The topic for the upcoming USCAP SUP CM 2020 is:

Role of Electron Microscopy in Tumor Diagnosis: Potential Impact On Targeted Therapy

The USCAP SUP CM 2020 will be held on Sunday March 1st at 8:30am at the Los Angeles Convention Center. The program will be announced in the Fall Newsletter.

International Meetings

Ultrastructural Pathology 101: The Fundamentals of Diagnostic Electron Microscopy was presented in its entirety by Gary Mierau and Eric Wartchow in Sydney, Australia October 19-21, 2018 as a special symposium associated with the Royal College of Pathologists of Australasia-



Quality Assurance Programs (RCPAQAP) annual meeting.

The program consisted of didactic lectures on all the major tissue types and disease processes for which EM may play an important role and was enhanced by contributions from John Brealey, John Stirling, Lisa Griffiths and Pierre Filion. The entertaining and informative program brought together approximately 40 pathologists, pathology trainees, and electron microscopists from Australia, New Zealand, Canada, China, and India.

[The Electron Microscopy Summit and Workshop 2019](#) was held in Cairo, Egypt April 13-16.

The [2019 Microscopy & Microanalysis](#) meeting, the annual meeting of the Microscopy Society of America and the Microanalysis Society of America was held in Portland, OR, August 4-8.

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There were multiple opportunities for scientists from around the world to confer, and the exhibit floor provided the largest display of microscopes and microscopy-related equipment in the world. The Diagnostic Focused Interest Group (Diagnostic FIG) has grown by leaps and bounds to over 60 members and organized 2 full days of presentations.

The symposium "Utilizing Microscopy for Research and Diagnosis of Diseases in Humans, Plants and Animals" contained both platform presentations, which were packed, and posters and sponsored 9 invited speakers. They included

- Mike Reichelt, Genetech Inc.
- Paul FitzGerald, University of California-Davis
- Terry Morgan, Oregon Health & Science University
- Sue Aicher, Oregon Health & Science University
- Tianyi Mao, Oregon Health & Science University
- Gautam Sarath, University of Nebraska-Lincoln
- Allison Schaser, Oregon Health & Science University
- Matthew Swulius, Penn State University
- Mary Ard, University of Georgia

Next year's meeting will be held August 2-6 in Milwaukee, WI. For more information, visit <https://www.microscopy.org>, and if you go to the site, note the clever and unique MSA logo on the website, made up of different micrographs.

The Board elections for committee nominees 2020 and standing committee members are as follows: (see also [SUP list of officers](#))

President Elect: John K. Brealey, BAppSci
Councilor for Australasia: Charles Chan, MB BS PhD
President: Giovanna M. Crisi, MD PhD
Past-President: Sara E. Miller, PhD
Secretary: Eric Wartchow, BSc
Treasurer: Guillermo A. Herrera, MD
Councilor for Europe: Josep Lloreta-Trull, MD PhD
Councilor for the Americas: Elizabeth N. Pavlisko, MD
Awards Committee Chair: John Hicks, MD PhD DDS
Historian: Gary Mierau, PhD
Europe co-council and next meeting organizer: Nicole van der Wel, PhD

Dr. Herrera has moved and taken on the Chair of the Department of Pathology at the University of South Alabama, Mobile, Alabama. Congratulations to Guillermo and good luck in his new position.

This position was in the past held by the late Dr. Allan Tucker, member of the SUP in whose name the SUP established an award.

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In 2018 we have lost some colleagues, including:

Ted Pella of Pella Inc.

A note from our past president Sara Miller:

Dear members of the Society for Ultrastructural Pathology,

It is with great sadness that I write to tell you of the passing of Ted Pella, one of the biggest supporters of microscopists and the art of microscopy. He was a personal friend and colleague, and both he and his wife Christel have helped me with several projects over the years, including building specialized laboratory utensils and sending supplies to Thailand for a workshop I taught.

He and now his son Tom Pella (tom_pella@tedpella.com) have been Platinum Sponsors of our UltraPath meetings for years, and we have benefited greatly from their generosity.

Thank you.

Hyperlink to [a tribute to Ted Pella](#).

Prof. Douglas Warrington Henderson

“Prof. Henderson’s career in Anatomical Pathology extended over 48 years, 43 of them as a Consultant. He was a recognized expert in pleuropulmonary pathology, and especially in asbestos-related disorders, and he published widely on asbestos-related diseases including several books and numerous peer-reviewed journal articles. Over the decades of his practice Prof Henderson was a valued teacher and mentor to several generations of trainee Pathologists, many of whom currently practice in senior positions throughout Australia. He will be sorely missed not only by his family and friends but also by the Anatomical Pathology community at large.”

Hyperlink to [Prof DW Henderson](#)

Additional communications, publications:

From Bart Wagner:

I am pleased to let you know that Professor Guillermo Herrera and I have had our proposal for a 5th edition of Ghadially’s Ultrastructural Pathology of the Cell and Matrix accepted by publishers Taylor & Francis.

To make the job of revision easier, T&F have kindly scanned my department’s 4th edition and have converted them to two MS Word documents with the plates as tiff’s as well. I have stored them on my Hotmail One Drive and can share with whoever would like me to.

I am looking for people who would enjoy contributing towards the revision this important textbook. If you would like to help by being a chapter first or second author, by supplying images, or by proof reading please get back to me and I will let you know which chapters are still available.

Ideally, a first draft would be prepared in time for the next Society for Ultrastructural Pathology SUP Ultrath path meeting in Amsterdam 7 to 12th June 2020.

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Anyone who might be interested in contributing to the revision, please contact Dr. Wagner at [<Bart.Wagner@sth.nhs.uk>](mailto:Bart.Wagner@sth.nhs.uk).

And last but not least, thank you to Charles Register and Dr. David Howell for keeping up the website and redesigning aspects of the website.

Very best wishes to all,
Giovanna M. Crisi, President SUP

August, 2019