



*Southern California Society
for
Microscopy & Microanalysis*

Fall Evening Meeting

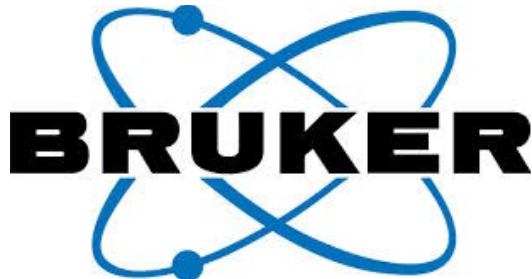
Thursday, November 5, 2015



INVITED SPEAKER:

Edwin L Jones, Jr
Forensic Scientist
Ventura County Sheriff's Department

This Meeting Generously Sponsored by these Gold Vendors:



Address: University of Southern California
814 Bloom Walk
CEM Building, Room 101B
Los Angeles, CA 90089-1010

Welcome to the 2015/2016 season of the Southern California Society for Microscopy and Microanalysis. Following our tradition, we have two meetings planned for this year- November and March.

For our fall meeting we are returning to the beautiful University of Southern California Campus. I am pleased to announce this year's keynote speaker Edwin L. Jones, Jr., a retired forensic scientist. He will give an overview of forensic microscopy.

He is an expert in this field: For example, he authored an article in the 2003 McGraw-Hill encyclopedia yearbook titled "Forensic Microscopy". Furthermore, one of his cases was featured in an episode of "Forensic Files" (All That Glitters is Gold) and another case was featured in an episode of "Cold Case Files" (The Clue That Sticks).

Our Spring Symposium will be an all-day meeting. We are in the process of putting together a full program, including student platform and poster sessions. Once again, there will be a \$500 award for the best platform presentation and a \$300 award for the best poster. We are also planning another image contest after last year's big success. The most visually stunning images from any type of microscope will win one of 5 \$10 gift cards. The awards will be announced at the spring meeting.

Our dues this year will remain at \$25 for professionals and \$10 for students and will include all meeting costs. Clearly, the bulk of our costs are covered by our sponsors, so please take time to talk to our vendor representatives and maybe even buy their instruments! Details on underwriting opportunities for our sponsors are elsewhere in this mailing. We hope that our adopted procedure on sponsorship makes it easier for vendors to support our society. We are very grateful for our sponsors' support.

Our society and board are going through changes. I have accepted a professorship position in the Netherlands starting this November. Therefore I will be handing over the Presidency of the SCSMM over to Jian-Guo Zheng, the current vice president Physical Sciences, at the fall meeting.

It has been a pleasure serving on the board of SCSMM for the past 5 years. I am sure the society will continue to grow and thrive- thanks to a hard working and dedicated board and a continuously growing membership.

Ariane Briegel, President

FROM THE



DIRECTOR

2015 Fall Meeting Program

5:30 PM Happy Hour

Sponsored by [Bruker Nano Analytics](#)

6:30 PM Dinner – Catered by Chipotle Mexican Grill

Sponsored by [Boeckeler Instruments](#)

Business Meeting

7:30 PM Vendor Talks

Mr. Brian Miller
Bruker Nano Analytics

Mr. Steve Pfeiffer
Boeckeler Instruments

8:00 PM Scientific Program

An Overview of Forensic Microscopy
Edwin L Jones

Mr. Jones' talk will cover the types of microscopes used in a crime lab and how they are used in casework. The talk will cover biology (sexual assault evidence), material science (fibers, paint, glass, soils, building materials and comparative analysis (firearms and tool marks) and will include examples from his cases and other historically important cases.

Registration & RSVP

Respond no later than 5:00 p.m. Monday, November 2nd, 2015.

Please contact:

Mark Armitage

Micromark@juno.com

Regular annual membership for the 2015-2016 term is
\$25 for regular members and \$10 for students.

For further details, please see the enclosed membership application or visit the SCSMM web site at www.scsmm.org.

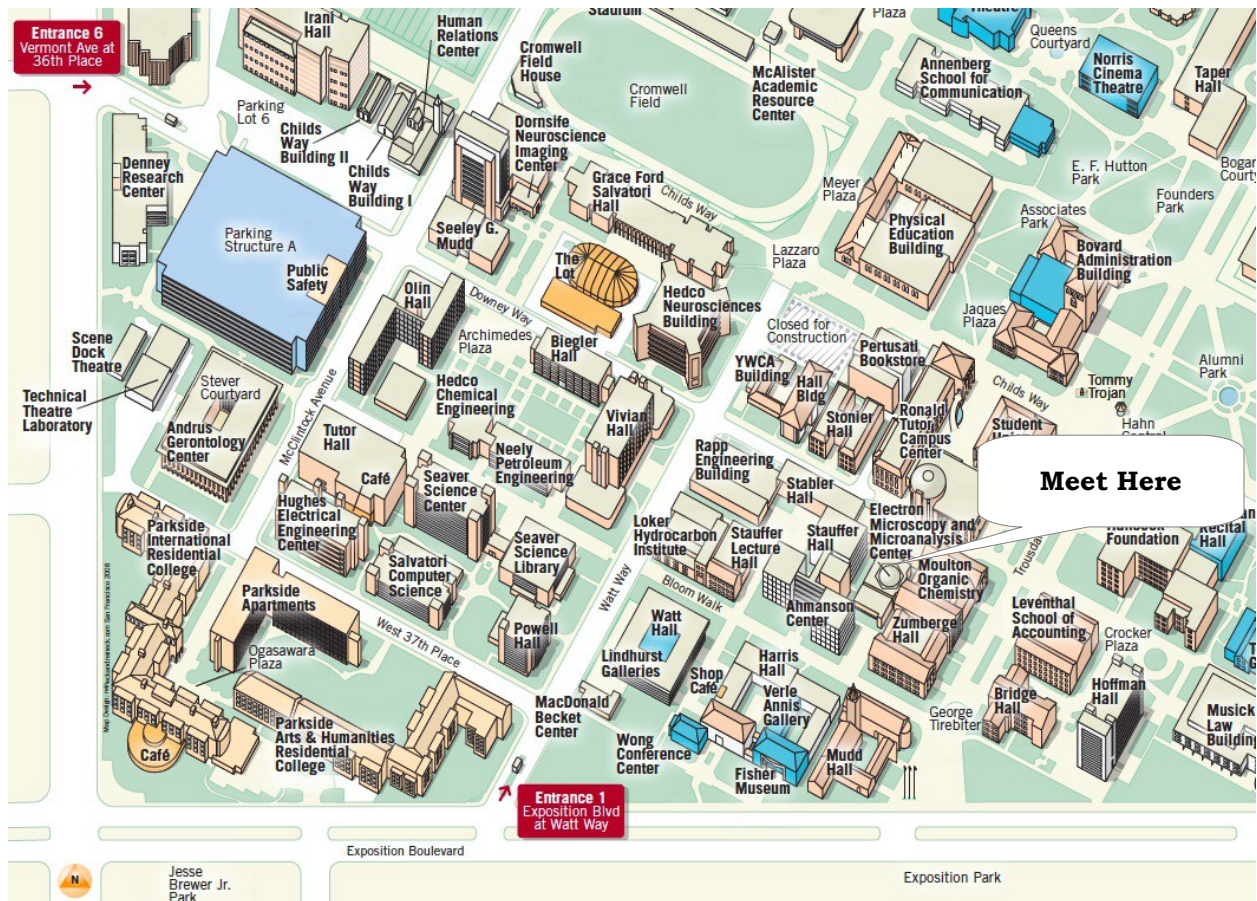
Map and Directions

Exit the I-110 Freeway at Exposition Blvd. Go west on Exposition Blvd and enter the campus at Gate #1, Watt Way. Park in Parking Structure A. After parking, walk down Bloom Walk to the Center for Electron Microscopy and Microanalysis, which will be on the left.

Parking is \$10.00

For the Map and Directions please refer to:

<http://web-app.usc.edu/maps/>



STATEMENT OF QUALIFICATIONS

Edwin L. Jones, Jr.
Forensic Scientist III
Ventura County Sheriff's Department

DISCIPLINES

Trace analysis (paint, fibers, hairs, and general microscopy)

Serology (body fluids)

Bloodstain Pattern Analysis

EDUCATION

Institution	Date(s)	Major	Degree
West Virginia Wesleyan College, Buckhannon, West Virginia	1971	Chemistry	BS
Marshall University, Huntington, West Virginia	1974	Biochemistry	MS
University of Pittsburgh, Pittsburgh, Pennsylvania	1974	Forensic Chemistry	MS

OTHER TRAINING

Advanced Forensic Microscopy II, McCrone Research Institute, Walter McCrone, 1984

Bloodstain Evidence, Herbert MacDonell, 1984

Introduction to Hairs and Fibers, Federal Bureau of Investigation, Harold Deadman, 1985

Principles of Fiber Identification, California Criminalistics Institute, Don Felty and Faye Springer 1991

Nicolet Omnic FTIR Operations Course, 1994

Interpretation of Infrared Spectra, California Criminalistics Institute, 1995

Analysis of Low Explosives, California Criminalistics Institute, John DeHaan, 1996

Bloodstain Pattern Interpretation Workshop, California Association of Criminalists, 1998

Fire and Explosives Investigations, California Criminalistics Institute, John DeHaan, 1998

Crime Scene Investigation and Reconstruction, J. M. Rynearson, 1999

Advanced Crime Scene Reconstruction and Major Scene Logistics, J. M. Rynearson, DOJ/Sheriff sponsored, 2001

“Microspectrometer Training 2-day Workshop”, Ventura County Sheriff Department, 2003

"SEM Training and Applications", 20-hour class, Aspex LLC, January 2004

"IR Theory and Interpretation", 3-day class, E. Suzuki, WSP/VCSD, May 2004

“Forensic Photography”, 3-day class, Britt Toalson, Seattle PD/VCSD, November 2005

“Shooting Incident Reconstruction Workshop”, 1-day, B. Moran and C. Coleman Sacramento Firing Range October 21, 2008.

“Lights, Camera, Latent Blood” CSI Workshop, ½ day, Heather Harlacker, Lake Arrowhead, CA; May 11, 2009.

“Introduction to Forensic Examination of Pressure Sensitive Tape”, 1-day, Jenny Smith, Queen Mary, Long Beach, CA; May 17, 2011.

COURTROOM EXPERIENCE

From 1975 to present:

Discipline	Number of times testified
Firearms and Toolmarks	10
Crime Scenes	20
Paint analysis	12
Controlled substances	33
Serology	83
Hairs	25
Fibers	11
Physical Matches	7
Glass	4
Shoeprints & Tire prints	6
Bloodstain Interpretation	32
Duct Tape	3

Miscellaneous Subjects: Serial number restoration, on-off light filaments, safe insulation, oil, chocolate cake, rubber, almonds, food products, muscle, latex gloves, diatoms, minerals, glitter and plastic.



***Southern California Society
for
Microscopy & Microanalysis***

Membership Application 2015 - 2016

Membership Valid Through August 31, 2016

Name: _____

Institution: _____

Address: _____

City, State Zip _____

Phone: _____

E-mail address: _____

Web Site: _____

Please check the appropriate membership category:

- Regular @ \$25.00
- Student @ \$10.00
- Corporate @ \$100.00

Corporate Memberships are entitled to two individual member listings. If you have selected a Corporate Membership, please copy this form and provide details for the second listing. Write **"2nd Listing"** at top of form.

Please attach a check for the appropriate amount made payable to SCSMM. You may bring this form along with your dues to any of our meetings or mail to:

SCSMM
c/o Mark Armitage
Micro Specialist
587 E North Ventu Park Road #304
Thousand Oaks, CA 91320

SCSMM Vendor Sponsorship Benefits and Recognition

\$500 (Gold) level

- Instrumentation display during spring meeting (table).
- Scheduled (15 min) talk during spring or fall meeting.
- Announcement/acknowledgment from the stage as a Gold sponsor of SCSMM.
- Listing as a Gold sponsor in all press and media materials of the SCSMM.
- Invitation for two to attend the spring and fall meeting.

\$250 (Silver) level

- Instrumentation display during spring meeting (table).
- Announcement/acknowledgment from the stage as a Silver sponsor of SCSMM.
- Listing as a Silver sponsor in all press and media materials of the SCSMM.
- Invitation for two to attend the spring and fall meeting.

\$150 (Bronze) level

- Announcement/acknowledgment from the stage as a Bronze sponsor of SCSMM.
- Listing as a Bronze sponsor in all press and media materials of the SCSMM.
- Invitation for two to attend the spring and fall meeting.

\$100 Regular Corporate membership

- Listing as a Corporate Member in SCSMM spring and fall pre-meeting newsletters.
- Invitation for one to attend the spring and fall meetings.

Vendors are also most welcome to sponsor with "in-kind" support of our meetings, such as providing wine with dinner (fall meeting) or a prize for a raffle or student talk/poster. Acknowledgments of such sponsorship will be made during the meeting and in the meeting announcement - and are always much appreciated!

*Sponsorship is effective and recognized by SCSMM only for the year it was made (starts in the fall) and only after vendor's contribution has been received.



The Southern California Society for Microscopy and Microanalysis wishes to acknowledge the following Corporate Members who faithfully advertise in our Meeting Announcements, sponsor meetings and have renewed their commitment to our society for the 2014 - 2015 year.

Robyn Schlicher
Gatan Inc.
(925) 548-4865
rschlicher@gatan.com

Melissa Dubitsky & Hyun Park
Tousimis Research Corp.
(301) 881-2450
trc@tousimis.com

Ben Jacobs & Robert Monteverdi
Protochips, Inc
(517) 980-1170
ben@protochips.com

Chris Rood
JEOL USA, Inc
(760) 476-1747
crood@jeol.com

Mark Mobilia and KD Derr
Carl Zeiss Microscopy LLC
(800) 543-1033 x7161
Mark.mobilia@zeiss.com
Kd.derr@zeiss.com

Steve Pfeiffer
RMC/Boeckeler
(503) 396-2810
steve@boeckeler.com

Matt Chipman
EDAX Inc.
(801) 495-2872
matthew.chipman@ametek.com

Aaron Drake
Oxford Instruments
(925) 215-8911
aaron.drake@oxinst.com

Sheri Neva
Evans Analytical Group
(310) 322-2011
sheri@eag.com

Patrick Minnella
EMS/Diatome
(215) 412-8400
patminnella@hotmail.com

Robert Stroud
NanoMegas USA
(208) 867-0142
robert@nanomegasusa.com

David Platus
Minus K Technology
(310) 348-9656
david@minusk.com

Brian Miller & Don Becker
Bruker AXS
(608) 347-6050
brian.miller@bruker-axs.com

Andrew King
Renishaw
(760) 494-0279
Andrew.King@renishaw.com

Jack Vermeulen
Ted Pella, Inc.
(800) 237-3526
sales@tedpella.com

Drew Erwin
Tescan USA
(925) 325-8978
drewerwin@tescan-usa.com

Joe Robinson
Thermo Fisher Scientific
(503) 327-9256
joseph.c.robinson@thermofisher.com

Ed Rezler
Device Analytics, LLC
(760) 635-0047
erezler@deviceanalytics.com

Tony Carpenter
FEI Company
(480) 650-8190
tony.carpenter@FEI.com

Hitachi High Technologies America
(858) 386-8244

Paul West
Mackenzie Munger
AFM Workshops, Inc.
www.afmworkshop.com

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