

## LIFE LINES

**Ya-nan Wang**, see *JALCA* **106**, 208, 2011

**Yunhang Zeng**, see *JALCA* **106**, 272, 2011

**Xuepin Liao**, see *JALCA* **100**, 447, 2005

**Wenhua Zhang**, see *JALCA* **100**, 447, 2005

**Bi Shi**, see *JALCA* **99**, 220, 2004

**Cheng-Kung (C.-K.) Liu** received his Ph.D. degree in Fiber and Polymer Science from North Carolina State University, USA. He currently is a Research Leader in the Biobased and Other Animal Coproducts Research Unit of Eastern Regional Research Center, Agricultural Research Service, USDA. With over 30 years of research experience, Dr. Liu has authored or coauthored more than 110 scientific publications. He has been awarded 33 U.S. patents and 58 foreign patents. Before joining USDA, he worked 10 years for U. S. Surgical Corp. and conducted research projects on new bio-absorbable polymers, surgical sutures and medical textiles. Since he joined USDA in 1996, his research efforts have focused on the optimization of mechanical operations in the leather-making processes, the improvement of leather quality, and nondestructive ultrasonic evaluation.

**Nicholas P. Latona**, see *JALCA* **96**, 401, 2001

**Seung-Chul Yoon** received his B.S. and M.E. degrees in electronics engineering from Yonsei University, Seoul, Korea and his Ph.D. in electrical engineering from University of Illinois at Urbana-Champaign, USA. Since 2004, Dr. Yoon has been with Agricultural Research Service, U.S. Department of Agriculture in Athens, Georgia as a research electronics engineer. Dr. Yoon has extensive experience in imaging science and its application to both agricultural and electronics research. His technical expertise is in hyperspectral and multispectral imaging, machine vision, real-time image/video processing, 3D imaging, software engineering and hardware-software interfaces. His current research interests include hyperspectral, multispectral and real-time imaging to solve food safety and quality problems faced in poultry and egg industry, such as rapid optical detection of disease, contaminants, foodborne pathogens, and egg cracks.

**Roger C. Merkel** received his Ph.D. in Animal Nutrition from North Carolina State University in 1994. In 1998, he joined Langston University as a post-doctoral researcher and became a faculty member in 2000. Currently, Dr. Merkel is an Associate Professor with a split appointment amongst

teaching, research, and extension. He also participates in many of the goat institute's international programs. In 2008, Dr. Merkel was awarded a research grant to establish a pilot tannery at Langston University to begin conducting research on goat skins. His current research evaluates nutritional regimes and goat breed on leather characteristics.

**Nicholas Latona** received his B.S. degree in Materials Science and Engineering from the University of Wisconsin-Madison. After graduating, he was hired by the Eastern Regional Research Center (ERRC) part of USDA's Agricultural Research Service and remains there today as a Materials Engineer. He continues to work under the Research Materials Engineer, Dr. Cheng-Kung (C-K) Liu, with whom Nick has been a coauthor in over 35 scientific publications. Their research efforts are focused on improving the quality of leather and on developing nondestructive airborne ultrasonic test methods. In 2012 he was awarded ALCA's ALSOP award for outstanding scientific contribution to the leather industry.

**Anton G. El Amma** earned a B.Sc. degree in Chemistry from the University of Jordan and M.Sc. and Ph.D. degrees in Inorganic Chemistry from the American University in Beirut and the University of Illinois, respectively. He worked at Rohm and Haas Company since 1979, and in its Wet-end Leather Research (1986-2008). He is officially retired; but consults occasionally in Leather Wet-end.

**Art Goetsch** received a Ph.D. from New Mexico State University in 1982. After postdoctoral work at Oklahoma State University, he served on the University of Arkansas faculty from 1984-1995. From 1995-1997, he was a Research Animal Scientist with USDA-ARS, moving in 1998 to his present position of Research Leader at the American Institute for Goat Research of Langston University. Art has published approximately 235 peer-reviewed papers and numerous book chapters and proceedings papers. His research has addressed intake, digestion, metabolism, and performance by ruminants consuming forage-based diets, with a current focus on factors affecting nutrient requirements and efficiency of utilization by goats in various production settings.

**Aline Dettmer**; Chemical Engineer (2006), M Sc. Engineer (2008) and Doctor of Engineer (2012). She worked with quality control, research and development of new products at a tannery (2005-2006). She has been a Professor for the Chemical Engineering Course, Graduate Program of Processes Engineering and Technologies of the University of Caxias do Sul (UCS) since 2011.

**Patrícia Schacker dos Anjos;** Chemical Engineer (2009). She has worked as a business manager (2010-2012); now Master student in the Chemical Engineering Department at Federal University of Rio Grande do Sul (UFRGS), since 2012. Her work includes research on leather technology and environmental protection. She has author papers and lectures published in journals and presented at congresses.

**Mariliz Gutterres;** Chemical Engineer (1984), M Sc. Engineer (Brazil, 1996) and Doctorate in Chemistry (2001). She worked as the production manager of a tannery from 1985

to 1989. She is been a professor in the Chemical Engineering Department at the Federal University of Rio Grande do Sul (UFRGS), since 1990, teaching graduate and post-graduate courses, providing mentoring to master and doctorate students and coordinating research projects on leather technology and environment protection. Dr. Gutterres is head of the Laboratory for Leather and Environment Studies at UFRGS and author of papers, publications and lectures in journals, congresses and conferences. She also participates in several committees and in the management of leather industry associations.

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# THE 109<sup>TH</sup> ANNUAL CONVENTION

## June 20-23, 2013

### Pinehurst Resort, Village of Pinehurst, NC

**Welcome to an exciting venue of events that will be unfolding for us from June 20 to June 23, 2013.** We will host the 109th Annual Meeting at the beautiful Pinehurst Resort at the Village of Pinehurst, North Carolina. It is a first class facility that you can learn more about by logging on to their website at <http://www.pinehurst.com>. By now you should have received our March email containing all details about the convention, including voting for our Slate of Candidates via email. Continue checking this website for new information and announcements about the 109th Annual Meeting.

The schedule this year is entirely new including more time for social activities. The convention will kick off on Thursday, June 20, with registration from 10:30 am to noon at the Conference Center Foyer. Technical Committee Meetings will be held from 11 am to 12 noon in the Dedman Boardroom followed by lunch from noon to 1 pm in the Carolina Dining Room.

The technical sessions will commence at 1 pm on Thursday, June 20, with the Opening Address at the Callaway Room. Elton Hurlow of Buckman International will be giving the John Arthur Wilson Memorial Lecture from 1:15 pm to 2:15 pm followed by a short break and then Session 1 of the technical program. The technical program will conclude at 4:30 followed by the Fun Run on the West Lawn from 5 to 6 pm. That evening we will again have Golf Pro Larry Shaver with his golf swing analyzer from 7 to 10 pm at the Oakley Room where a cocktail reception will also be held from 7 to 8 pm followed by dinner. It will be a great time to have conversations with old and new associates in the leather industry.

The second day of the Technical Program will start at 8:30 am on Friday, June 21. This year's technical program is being

organized by Vice-President Steve Lange and will offer a wide array of leather technologies covering tanning to finishing to environmental issues and can be viewed in the coming months under this section of our website. Technical sessions will conclude at 11:45 am following by lunch from 12 to 1 pm in the Carolina Dining Room.

Friday afternoon will be open for a variety of fun activities. The annual golf tournament will be held at Golf Course No. 5 beginning at 1 pm. Pre-registration for golfers is a must to facilitate the start of the tournament. Further information on the golf outing will be found in your convention email going out in March. Also there will be other activities that will be announced under the entertainment section on this website as they become available. Dinner that evening will be on your own in any of the hotel restaurants.

Technical papers will resume Saturday morning at 8:30 am with the Annual Business Meeting ending the Technical Program at 11:15 am. At noon everyone is invited to attend the Activities Awards Luncheon in the Carolina Dining Room where prizes will be awarded for the Fun Run and golf outing. Friday afternoon will be open for activities that will be announced soon. Saturday evening from 6 to 7 pm will be a social hour following by the Awards Banquet at 7:00 pm. The convention will close with check out on Sunday.

Please make plans now to join us for a wonderful time at Pinehurst.

Lee Lehman  
Convention Chair

# THE 54<sup>RD</sup> JOHN ARTHUR WILSON MEMORIAL LECTURE

by  
ELTON L. HURLOW

Elton L. Hurlow will present the 54th John Arthur Wilson Memorial Lecture at our Annual Meeting at 1 pm on Thursday, June 20. The working title of his presentation is: **The Value of Leather as a Component Brand**

Elton Hurlow has 30 years experience in the leather industry. This includes leather research, leather manufacture, leather sales, and supply of chemicals to the leather industry. In addition he has actively participated in professional leather associations and is a Past President of both the ALCA and IULTCS organizations. He has a MSc and MBA degrees and is currently employed by the company Buckman as Market Development Manager with global responsibilities. His professional resume is as follows:

#### **Current Position & Contact:**

Global Market Development Manager – Leather Buckman International; 1256 N. McLean Blvd, Memphis, TN, 38108

Tel: (901) 246 5379 / (901) 272 6689;

Email: [elhurlow@buckman.com](mailto:elhurlow@buckman.com)

#### **Academic qualifications:**

- MBA, University of Wisconsin, Milwaukee WI (1993)
- MSc, (Distinction) Rhodes University, South Africa (1987); Thesis “Anaerobic Digestion of Vegetable Tannins”
- BA, University of South Africa, UNISA, South Africa (1985)
- BSc, (Honors – Chemistry) University of Cape Town, South Africa (1979)

#### **Years of experience in the leather industry:**

- Research – LIRI, South Africa: Senior Research Chemist (1983 – 1987)
- Tanning Operations – United States Leather Holdings: Pfister & Vogel – Technical
- Operations; USL – International Sales, AR Clarke: Operations, General Manager (1988 – 1997)
- Chemical supply – Buckman: Global Marketing (1997 – present)



Elton L. Hurlow

#### **Professional Positions Held:**

- ALCA: President and Life Member - Member since 1989, President 1999 – 2001
- IULTCS: President 2008 – 2009, IUL Chair 2010 – present.
- SLTC South Africa Section: Secretary/Treasurer 1985 – 1987

#### **Selection of Papers and Presentations:**

1. *Investigation of Red Stains on Wetblue Leather*; Proceedings of 31<sup>st</sup> IULTCS Congress, Valencia, Sept 2011
2. *A New Antifungal Agent for the Leather Industry*: S-Hexyl-S-Chloromethyl- cyanodithiocarbimate. *JSLTC* **95**, 7-10, 2011; (Also presented at 8<sup>th</sup> AICLST, Kolkata, 2011)

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3. *Fungal Growth on Wetblue: Methods to Measure Impact on Leather Quality*; Proceedings of 30<sup>th</sup> IULTCS Congress, Beijing, Oct 2009 (Reprinted *JALCA* **105**, 1-7, 2010)
  4. *Antibiotics in Hide Preservation and Bacterial Control*. *JALCA* **102**, 62-67, 2007
  5. *Emission of Fungicides from Furniture Leather*. *JSLTC* **89**, 210-213, 2005
  6. *Monitoring Methods for Effective Microorganism Control*. LGR Lecture, March 2004
  7. *Microorganism Control During Leather Manufacture*, Coauthor Chapter 20: *Leather Technicians Pocketbook* 339-352, 1999
  8. *Effect of Polyphosphate Chain Length on Shrinkage Temperature*. *JALCA* **81**, 197-207, 1986
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# AMERICAN LEATHER CHEMISTS ASSOCIATION 2013 SPRING MEETING OF THE RESEARCH LIAISON COMMITTEE USDA, ARS, EASTERN REGIONAL RESEARCH CENTER, WYNDMOOR, PA

**Dates: Tuesday April 23<sup>rd</sup> (beginning: 1 PM) –  
Wednesday April 24<sup>th</sup>, 2013 (finishing: 12 Noon)**

The purpose of the ALCA RLC is to maintain an awareness of ongoing hides and leather research, to foster research collaboration, and to assist the USDA and other public research institutions in establishing research priorities.

The Research Liaison Committee meets twice a year, once in April at the USDA Eastern Regional Research Center and then during the ALCA annual convention in June to review industry trends and requirements. The RLC polls members of the ALCA, the U.S. Hide, Skin and Leather Association (USHSLA) and members of the Leather Industries of American (LIA) to identify and prioritize the immediate and long-term needs of the industry for by-product hides.

Membership and attendance at the RLC Spring Meeting is open to those affiliated with leather manufacture. Those attending represent tanners, production management, product development executives, researchers, scientists, consultants, chemical suppliers, industry & trade lobbyists, students and those connected to the study & usage of collagen.

Proposed topics include:

- Recap of the global and U.S. raw material market
- Update on issues pertaining to the U.S. hide & leather industry (USHSLA)
- A regulatory and trade update
- Recap of domestic leather activity
- Update on status of ERRC hides and leather program
- Reports from ERRC from hides and leather program covering such areas as pretanning, physical properties of leather, alternative tannages, byproduct utilization and finishing, leather quality and non-destructive testing.

**For further information contact Lori Hyllengren at (651) 258-4338 or [hyllengren@sbfoot.com](mailto:hyllengren@sbfoot.com); or Ellie Brown at (215) 233-6481 or [ellie.brown@ars.usda.gov](mailto:ellie.brown@ars.usda.gov)**

Few people realize that Leather Making is the world's oldest manufacturing process, thus the world's oldest industry. Tanning—the process of converting hides and skins into leather—is also the world's first science.

Also, because of the pure craftsmanship involved, tanning may well be the world's first art form.



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NOTHING TAKES THE PLACE OF LEATHER

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