Lifelines

Yanan Wang received his Bachelor's Degree in Leather Chemistry and Engineering at Sichuan University in 2008. Now he is undertaking his PhD research at Sichuan University. His research focuses on development of organic chrome free tannage.

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

Qiang He, see *JALCA* **100**, 30, 2005

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

N. Vedaraman obtained his Ph.D. degree in Technology from Anna University, Chennai. He has been actively engaged in eco friendly process development and scale up for chemical and leather sectors for more than twenty years. He has developed number of leather process methodologies aimed at by-product utilization and waste minimization. He has to his credit about 20 research papers and 8 patents.

Chellappa Muralidharan obtained his Ph.D. degree in Technology from Anna University, Chennai. He has been actively engaged in leather research on process optimization, rationalization and control through instrumentation for more than twenty years. He has developed number of leather process methodologies aimed at better unit value realization and waste minimization. He has led number of national and international technology implementation programs at commercial scale. He has to his credit about 50 research papers and 20 patents.

A. Musa, see *JALCA* **103**, 188, 2008

R. Aravindhan, see *JALCA* **101**, 445, 2006

B. Madhan, see *JALCA* **96**, 120, 2001

J. Raghava Rao, see *JALCA* **93**, 156, 1998

B. Chandrasekaran, see *JALCA* **99**, 367, 2004

Qingfeng Liu is affiliated with the School of Biotechnology, Jiangnan University, Wuxi, China. Her field of research is the application of microbial transglutaminase (MTG) in leather processing.

Long Liu is affiliated with the School of Biotechnology, Jiangnan University, Wuxi, China. His field of research are bioprocess control and optimization, bioreactor and biochemical engineering.

Dongxu Zhang is affiliated with the School of Biotechnology, Jiangnan University, Wuxi, China. His fields of research are enzyme design and molecular modification.

Jianghua Li is affiliated with the School of Biotechnology, Jiangnan University, Wuxi, China. His fields of research are enzyme design and molecular modification.

Jun Sun is affiliated with the Institute of Information Technology, Jiangnan University, Wuxi, China. His field of research is Information Technology.

Guocheng Du is affiliated with the School of Biotechnology, Jiangnan University, Wuxi, China. His fields of research are enzyme and biochemical engineering.

Jian Chen is affiliated with the School of Biotechnology, State Key Laboratory of Food Science and Technology, Wuxi, China. His fields of research are environmental biotechnology and enzyme engineering.

Peabody Leatherworkers Museum — Can You Help???

The Peabody Leatherworkers Museum opened in July 2009 and is located on Washington Street in Peabody, Massachusetts.

The museum is designed to tell the story concerning the 300 year history of tanning that at one time made Peabody the leather capital of the USA. Over 80 tanneries operated in the city at its peak but this has now been reduced to where only one tannery is left.

Several items and photographs have already been donated to the museum. However, it is hoped that more artifacts could be found and donated that would help to make the museum of even greater interest especially to young people who may have no idea about this unique history.

If you have any photos, documents or artifacts that you could donate and think would be appropriate, please contact the museum curator Merritt Kirkpatrick at MerrittKirkpatrick@gmail.com.

The 107th Annual Convention
June 9–12, 2011
Treasure Island Resort & Casino, Red Wing, Minnesota

Welcome to an exciting venue of events that will be unfolding for us June 9-12!

We will host the 107th Annual Meeting at Treasure Island Resort & Casino in Red Wing, Minnesota. It is a first class facility that you can learn more about by logging on to their website at **http://www.treasureislandcasino.com**. Look for the reservation forms and more details in our convention packet mailing this spring. Also, continue checking our website for new information and announcements about the 107th Annual Meeting.

The official opening of the convention will begin with Registration on Thursday, June 9, from 5:00 to 7:00 pm followed by a Cocktail Reception from 7:00 to 8:00 at the Paradise Cove. Dinner and entertainment will follow from 8:00 to 10:00 pm where conversations with old and new associates of the leather industry will complete the evening.

ALCA President Craig Keyser will open the Technical Program at 8:30 am on Friday. This year's technical program is being organized by Vice-President Andy Rhein 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. The 52nd John Arthur Wilson Lecture will feature Mr. David Rabinovich. Our Technical Committees will have an opportunity to meet and have discussions during lunchtime. The technical sessions will end at 4:15 pm followed by the Fun Run at 5:00 pm. Friday's activities will be capped off by bowling after dinner from 9 to 11 pm on site at Treasure Island. This will be an exciting competition that you won't want to miss.

Technical papers will resume Saturday morning at 8:30 am with the Annual Business Meeting ending the morning sessions at 11:15 am. At noon everyone is invited to attend the Activities Awards Luncheon at Full Deck, where prizes will be awarded for the Fun Run. Technical papers will resume in the afternoon at 1 pm until 4:45 pm with the Awards Banquet Social Hour beginning at 6:00 pm in the Wacouta room. Dinner will follow at 7:00 with the awards presentations afterwards. The convention will close with check out on Sunday.

Please make plans now to join us for a wonderful time at Treasure Island!

Sarah Drayna
Convention Chair

The 52nd John Arthur Wilson Memorial Lecture

by Mr. David Rabinovich

The 52nd John Arthur Wilson Memorial Lecture will be presented at the 107th ALCA Annual Convention at the Treasure Island Resort & Casino, Red Wing, MN, June 10, 2011, by Mr. David Rabinovich. The title of his lecture is **"Everything You Wanted to Know About Collagen Models — But Were Too Afraid to Ask!"**

Mr. David Rabinovich received his primary and secondary education at the Universidad Pontificia Bolivariana schools in Medellín, Colombia. He attended the University of California at Berkeley where he received a BA in Chemistry in 1962 and San José State College where he obtained a Master's in Chemistry in 1965. He then worked for many years in the family tannery, Andina de Curtidos, in the village of Copacabana just north of Medellín, Colombia. He was a founder of the Colombian Leather Chemists Association and directed masters degree programs at CIDI's leather research institute at the Bolivariana. He later ran research and development program for the Titán tannery, in Cali, Colombia, then joined J.H. Lowenstein & Sons, Brooklyn, New York, in 1996, with many projects in Mexico and India. He is now a consultant and his present projects include returning to his native Colombia for research and implementation of low pollution processing, aiming towards zero sulphide and chrome in the tannery effluents.

Subjects for his frequent leather industry presentations and publications include; study of weight/area yield for lime-split upper leather, environmental thermodynamics, low float/low effluent retannages, soft leather with good break and contributions to the textbook Material Science of Leather Making. Collagen reactivity was the subject of his presentation at the 105th ALCA Annual Meeting in June 2009.

For this lecture, Mr. Rabinovich will describe the evolution of practical leather (collagen) technology and the sometimes-conflicting interpretations of collagen complexities by leather chemists. Differing viewpoints are addressed by an in depth study of a wide range of theories and relevant chemistries. The goal is improved colloidal concepts that can be useful for producing better leather in better ways.

Submissions for the 107th Annual Meeting Technical Program

American Leather Chemists Association • June 2011

Theme: "Going Green" into the Future

Partial Listing of Oral Presentations (Subject to Change)

Everything You Wanted to Know about Collagen Models—But Were Too Afraid to Ask!
by David Rabinovich, Consultant, Mesquite, New Mexico, *John Arthur Wilson Memorial Lecturer*

Utilization of Shoe Upper Leather and the Effect of Hide Defects
by Chuck Caverly, Red Wing Shoe, Red Wing, MN

Utilization of Crust-Finished Leather, Extraction of Dyes, Tannins, Oils Chromium
by Joana Felix, Franca, SP, Brazil

Washing Formulations that can Soften and Remove "Adobe" type Bovine Manure
by Mila Aldema-Ramos, United States Department of Agriculture, Eastern Regional Research Center, Wyndmoor, PA

Leather Detective – Evaluating Obscure Defects
by Luis Zugno, Buckman International, Memphis, TN

Vallero "Votex" Drum Technology, Reduced Energy, Water
by Doriano Paglia, Vallero Spa, Italy

Wet Toggle and Moisture Sensing Technology
by Antonello Marchino, Emmezeta, Italy

LWG – Its History, Structure, Positive Impact and Challenges
by Vanessa Margolis, Tong Hong Tanning, Oregon, USA

IR Rays Effect on Drying Finishing
by Adriano Peruzzi, Erretre SPA, Italy

Feed Through Fleshing Technology
by Franco Bertucci, Rizzi, Italy

Optimizing a Sustainable and Innovative Wet White Process with Tara Tannins
by Juan-Carlos Castell, AIICA – Asociacion de Investigacion de las Industrias del Curtido y Anexas, Igualada, Spain

Newest Advances in Wringing
by Luca Bauche, Bauche, Italy

Application of Collagen Extract from Chrome Shavings for Polycondensation Adhesives
by Jan Sedliacik, Technical University, Slovakia

Preparation and Characterization of Polyphenol Modified Gelatin Products
by Maryann M. Taylor, United States Department of Agriculture, Eastern Regional Research Center, Wyndmoor, PA

New Generation Fungicide for the Leather Industry
by Dennis Dalton, Zenith Industrial Chemicals, Singapore

Novel Acrylic Particle Technologies for High Performance Leather Finishing
by Joseph Hoefler, The Dow Chemical Company, Spring House, PA

Application of Collagen Hydrolysate, Re-Using of Shavings and Wet Blue Trimmings
by Joana Felix, Franca, SP, Brazil

Effects of Pretanning Processes on Bovine Collagen Structure
by Eleanor M. Brown, United States Department of Agriculture, Eastern Regional Research Center, Wyndmoor, PA

Airborne Ultrasonic Inspection of Hides and Leather
by Cheng-Kung Liu, United States Department of Agriculture, Eastern Regional Research Center, Wyndmoor, PA

*(Please see the ALCA website, **www.leatherchemists.org**, for the latest listing of Annual Meeting papers)*