

LIFE LINES

Karl Flowers, MSc, is a senior lecturer in leather technology at the University of Northampton. He has been involved with the organization since 2001 and is currently the MSc course leader. Karl started his tanning career with Leather Industries Research Institute in South Africa and has actively consulted and researched in fields including: ostrich manufacture, CO₂ delimiting, new waterproofing and retanning chemical applications, cationic finishing, computer color matching and drying technologies. His research focuses on implementation of new technologies into the tanning industry. He is currently studying his PhD (part-time) in water reduction in wet processing and is expected to complete in 2017. He received his BSc(Hon) and MSc from Rhodes University, South Africa and is a Fellow of the Society of Leather Technologists and Chemists.

Adriano Peruzzi completed, in 1995, his high school diploma at the leather Institute Galileo Galilei (Arzignano). He then completed a chemical engineering degree at the University of Padua (Italy) in 2001. His professional career began in the leather sector in a tannery's technical department and continued in a private analytical laboratory that focused in leather production and consumer products. Since 2013, he works at IST – Innovative Solutions Technology, a new R&D division of Errete Spa. developing innovative application technologies and processes.

William Wise completed his PhD at the University of Leicester (UK) in 2011. Although his PhD was in organic chemistry he subsequently changed his research direction and specialized in the biopolymer field; using ionic liquids to modify starch based materials, some of which are in the process of being commercialized. After starting his post, as a Senior Lecturer in Leather Science at the Institute for Creative Leather Technologies (University of Northampton) in May 2014, he is applying his experience as a polymer scientist to research issues concerning water use and improving the green credentials of leather manufacture. This research can vary between improving the fields' fundamental understanding of the role of water in leather using analytical laboratory equipment to industrial applications of water and energy saving technologies.

Anthony Covington, see *JALCA* **109**, 431, 2014

M. K. Pervez, see *JALCA* **107**, 11, 2012

F. Ahmed, see *JALCA* **107**, 11, 2012

S. J. Mahboob, see *JALCA* **107**, 11, 2012

R. Dewani, see *JALCA* **107**, 11, 2012

Hafiz Rub Nawaz is currently working as a Principal Scientific Officer and acting Director at Leather Research Center, PCSIR, Karachi, Pakistan. He earned his PhD in Natural Product Chemistry from International Centre for Chemical and Biological Sciences (ICCBS), University of Karachi. He completed his Postdoctoral Research (2005-6) in the field of nano-materials at the Institute of Process Engineering Chinese Academy of Science, Beijing, China. He has served as visiting Prof. for two months at Jordan University of Science and Technology (JUST), Irbid, Jordan, under UNESCO-TWAS Associateship Scheme in 2012.

Muhammad Zeeshan graduation in 1990. He is working as a Principal Technician (PT) and has been providing services for more than 25 years in Leather Technology in Leather Research Centre, PCSIR in R & D, testing and training activities. He has also attended a three months training course on "Garment Leather Processing."

Tahira Ayaz completed her masters in organic chemistry from University of Karachi in 1998. Currently, she is working as a Senior Scientific officer at Leather Research Center, PCSIR, Karachi, Pakistan. She has fifteen years of experience in leather, water and wastewater analysis. Her research area and expertise include syntans, oil and fats. She is an expert in ISO 17025 quality system and also a certified Lead Assessor.

P. Balasubramanian, M.Phil in Chemistry from Bharathiar University, Tamil Nadu, India, and is currently pursuing doctoral program in CSIR-CLRI under University of Madras, Chennai.

M. J. Azhar Zakir, B.Tech in Leather Technology from Anna University, Chennai, India, and presently working in a leather factory, Tamil Nadu.

R. Aravindhan, see *JALCA* **106**, 208, 2011

K. Sreeram, see *JALCA* **106**, 239, 2011

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

Balachandran Unni Nair, see *JALCA* **93**, 156, 1998

Xiao Chen received his Bachelor degree in Chemistry from Central South University of Forestry and Technology, China, in 2005 and M.S. degree in Organic Chemistry from Southwest University for Nationalities, China, in 2014. He is a technician in Center for Experimental and Teaching Resource Management, Yibin University, since July 2014.

Jun Liu, see *JALCA* **110** (1), 2015

Jie Ding received her Bachelor degree in Chemical Engineering from Southwest University for Nationalities (China) in 2011 and M.S. degree in Organic Chemistry from the same university in 2014.

Keyi Ding, see *JALCA* **110** (1), 2015

BUCKMAN LABORATORIES INTERNATIONAL, INC. CELEBRATES 70 YEARS

MEMPHIS, Tenn., USA, Sept. 1, 2015 – This year is a special one for Buckman, as it marks the company’s 70th anniversary. Buckman is a privately held, global specialty chemical company serving customers all over the world in the pulp and paper, water treatment and leather-making industries. Buckman’s global headquarters is in Memphis, Tenn., situated on the same spot as the original building, which opened in 1945, on the corner of North McLean Blvd. and Chelsea.

As World War II was coming to a close, and industry began addressing problems closer to home, Dr. Stanley J. Buckman, a biochemist who had been working to develop a decay-resistant wood for military use, was aware of microbiological problems that existed in the manufacture of pulp and paper. He had an idea for a product that would mitigate the problems for the papermaker, and his confidence in the idea led to the establishment of Buckman Laboratories. As the company began in 1945, offices and laboratories were located side-by-side on the first floor of a tiny building. Manufacturing facilities were modest – a 55-gallon process vessel strategically placed in the basement of the building would manufacture the company’s only product. And on October 19, 1945, Buckman made its first sale of 200 pounds of that product to the company’s first customer, Whiting Paper Company in Holyoke, Mass.

The company began expanding internationally before the decade was over, and today, boasts a presence in more than 90 countries. Of course, the product catalog changed and grew over time – but the focus on the pulp and paper industry remains; and Buckman has built an immense presence in several other industries, including leather, power, ethanol, oil and gas, and

steel, among others. Today, Buckman’s extensive and innovative technologies are manufactured in the United States, Canada, Mexico, Brazil, Belgium, South Africa, China and Singapore.

Buckman’s 1,700 global associates operate under the leadership of Steven B. Buckman, CEO, who celebrated his personal 40-year anniversary with Buckman in 2014, and Kathy Buckman Gibson, president and COO for Buckman International, who is the third generation of Buckman family leadership.

“When I look back over our history, I am sure that Dr. Stanley Buckman would be proud of how Buckman has continued to grow and thrive,” said Steve Buckman. “We have thrived because we have been willing to adopt and change yet remain Buckman at our core – a company focused on our customers.”

Buckman’s 70-year journey thus far has been full of achievements and accolades, including two U.S. EPA Presidential Green Chemistry Challenge Awards for its enzymatic technologies. Buckman, which reports to the Global Reporting Initiative on a biannual basis, prides itself on being an environmentally conscious manufacturer, with an ongoing commitment to transparency in reporting and continuous improvement in sustainability. Furthermore, environmental outreach is one of the three prongs of the company’s philanthropic initiative, BuckmanCares – the other two being education and health and human services. Each year, the BuckmanCares efforts of associates all over the globe positively impact the lives of hundreds of thousands of Buckman’s partners, friends and neighbors.

RFW September 2015

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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Anyone who doubts that a sheepskin has up to 30,000 fibers per square inch has only to count them.

NOTHING TAKES THE PLACE OF LEATHER

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