

## LIFE LINES

**Anupama Pati** is pursuing her Ph.D. at the School of Energy and Environmental Studies Department from Devi Ahilya University, Takshashila Campus, Khandwa Road, Indore, Madhya Pradesh, India. She had completed M.Phil. (Environment Management) from the Vikram University, Ujjain, Madhya Pradesh, India, in the year 2008-2009 and her M.Sc. (Bioinformatics) from, Sikkim Manipal University, Manipal, India in the year 2002-2004. Her research interests are in the areas of Solid waste management (preparation of value added products from leather wastes), protein modeling, enzymology, etc. She has published 4 research papers in various national and international journals and conferences. She has 3 Indian patents.

**Rubina Chaudhary** did her Ph.D. in Environmental Science in 1993 from Aligarh Muslim University, Aligarh, India. Presently, she is working as Reader in School of Energy and Environmental Studies, Devi Ahilya University, Indore, India. She has published over 49 research papers in reputed national and international journals and conferences. Her area of research is Hazardous Waste management, Solidification/Stabilization, Solar Detoxification, Wastewater Treatment Technology, etc. Dr. Rubina Chaudhary is Life Member of Indian Water Works Association (IWWA), faculty member of Engineering Sciences, Devi Ahilya University, Indore (2001-to present) and Member, Academic Council, DAVV, Indore.

**Saravanabhavan Subramani** completed his Ph.D. in Leather technology in 2008 from Central Leather Research Institute (CLRI), Chennai, India. Presently, he is working as Head, R&D and Environment at Tata International Limited, Dewas, Madhya Pradesh, India. He has published over 25 research papers in peer-reviewed international journals. His areas of research are cleaner leather processing, newer leather chemicals, solid and liquid waste management.

**Yasar Birbir** received a bachelor's degree from Gazi University, M.Sci and PhD from Marmara University, Turkey. He attended the World Bank Industrial Training Project at Indiana and Purdue Universities, USA, from 1989 to 1990. He worked as a visiting research scientist for fifteen months at Drexel University Electrical and Computer Engineering Department from 1992 to 1993, Philadelphia. Currently he has been working as an Associate Professor at Technology Faculty in department of Electrical Engineering. He teaches undergraduate and graduate courses in Power Electronics Courses and Electrical Machinery Drives. Yasar Birbir is an expert on inactivation of archaea and hide bacteria using different electric current applications in leather industry. His current interests are power electronic converters and drivers,

electromagnetic filtering process in the industry and the application of electric currents and electric field for sterilization of different microorganisms. He has published 20 research articles and graduated 13 masters and one doctorate students. He presented 31 oral or poster presentations in national and international congresses and has completed 7 scientific projects.

**Nazlı Dolek** graduated from the Department of Biology, Ataturk Faculty of Education, Marmara University, Turkey in 2010. She worked as a student assistant between 2009 and 2010 at Ataturk Faculty of Education at Marmara University while she was an undergraduate student. She worked as a researcher in a clinic biochemistry laboratory and as a biology teacher in several private courses. She has been working as a biology teacher since 2012. She received her M.Sc. degree in Biology in 2013 from Marmara University. She has projects and several investigations on controlling growth of hide bacteria using electric current applications and antibacterial agents. She presented two poster presentations in international congress.

**Meral Birber**, see *JALCA* **106**, 342, 2011

**Pınar Caglayan**, see *JALCA* **108**, 197, 2013

**Anna Bacardit**, see *JALCA* **101**, 284, 2006

**Concepció Casas** graduated in Industrial Chemical Engineering from the Universitat Politècnica de Catalunya, Spain, in 1986. She received the Master in Tanning Technical Management from the Universitat Politècnica de Catalunya in 2012. From 1986 to 1988 she worked in the Engineering Department at Majosa in Prat de Llobregat, Spain. From 1988 until 2008 she was quality manager at Hisitex in Igualada. Since 2009 she has been a Researcher and Project manager, first at AIICA and currently at A3 Chair in Leather Innovation, Igualada Engineering School (Universitat Politècnica de Catalunya). She is mainly involved in the development of R&D projects at National and European levels.

**Jorge Diaz** graduated from Chemical Engineering career by University of Guanajuato in 2008, He received specialization in tanning in 2010 from CIATEC, Mexico. He obtained the degree of Master in Leather Engineering from the Polytechnic University of Catalonia, Spain, in February 2013. Currently he is a candidate to obtain the PhD degree on Engineering Systems and Projects from the Polytechnic University of Catalonia. From 2009 until 2011 he worked as an Independent Tanner in the city of Leon, Guanajuato, Mexico.

**R. M. Cuadros**, see *JALCA* **97**, 277, 2002

**Li. Ollé**, see *JALCA* **97**, 57, 2002

**Dang-ge Gao**, vice professor, received her PhD degree from Shaanxi University of Science and Technology in 2009. She then joined Shaanxi University of Science and Technology in College of Resources and Environment. She was awarded “Science & Technology Star of Shaanxi Province” by Shaanxi Science and Technology Agency and “Shaanxi Youth Science and Technology Award” by Shaanxi Provincial Party Committee Organization Department. Her current research interests include synthesis, characterization, application of nanocomposites in leather process, and function mechanism of nanocomposites and leather collagen.

**Jian-Zhong Ma**, professor, received his PhD degree in polymer science and engineering from Zhejiang University in 1998. He then worked as a postdoctoral fellow at the Eastern Regional Research Center, ARS, USDA from 1999 to 2000.

Currently, he works at the College of Resources and Environment, Shaanxi University of Science and Technology, China. His Current research interests include synthesis, characterization and properties of organic–inorganic nanocomposite materials, and development of functional coatings and films.

**Bin Lv** joined Shaanxi University of Science and Technology in College of Resources and Environment in 2003. He received his PhD degree from Shaanxi University of Science and Technology in 2013. His Current research interests are preparation, characterization and properties of nanocomposites in leather fatliquoring process.

**Jing Zhang**, senior lecturer at Shaanxi University of Science & Technology, has a MA in English linguistics from South-Central University for Nationalities. Her areas of research and teaching include Applied Linguistics, Comprehensive English (for English Majors), English for Non-English Major Postgraduate with particular interest in TEFL and TESOL.



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The Abstract should begin with the title in capital letters, followed by the authors' names. An asterisk should denote the name of the speaker, and contact information should be provided that includes an e-mail address. The abstract should be no longer than 300 English words and in the Microsoft Word format.

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c/o The American Leather Chemists Association  
1314 50<sup>th</sup> Street, Suite 103  
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USA  
E-mail: jalcaeditor@prodigy.net  
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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.

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