

DR PAUL B TCHOUNWOU'S PROFESSIONAL EXPERIENCE

Professional Experience

- Associate Dean, College of Science, Engineering and Technology, Jackson State University (2007-Present)
- Interim Associate Dean, College of Science, Engineering and Technology, Jackson State University (2006 - 2007)
- Director, NIH-RCMI Center for Environmental Health, Jackson State University (2008 - Present)
- Deputy Director, NIH-RCMI Center for Environmental Health, Jackson State University (2003 - 2008)
- Presidential Distinguished Professor of Biology/Toxicology, Jackson State University (2005 – Present)
- Chair, Department of Biology & Tenured Professor, Jackson State University (2004 - 2006)
- Professor (Tenured) Department of Biology, Jackson State University (2001 - 2005)
- Adjunct Professor. School of Public Health and Tropical Medicine. Tulane University Health Sciences Center. 2005 – Present
- Adjunct Associate Professor. School of Public Health and Tropical Medicine. Tulane University Health Sciences Center. 1999-2004
- Associate Professor, Department of Biology, Jackson State University (1996 - 2001)
- Director of Environmental Science Ph.D. Program, Jackson State University (1996 – Present)
- Post Doctoral Research and Teaching Associate (Joint Appointment). Tulane University School of Public Health and Tropical Medicine, and Xavier University College of Pharmacy, New Orleans, Louisiana (1994 -1996)
- Assistant-Professor, Faculty of Medicine and Biomedical Sciences, University of Yaounde I, Cameroon (1991 – 1994)
- Adjunct Assistant-Professor. Department of Biochemistry, Faculty of Science, University of Yaounde I, Cameroon.1991 -1994.
- Researcher and Laboratory Supervisor. Centre for Medical Research, Institute of Medical Research and Studies of Medicinal Plants, IMPM, Yaounde, Cameroon (1991 – 1993)

Professional Services - International and National Levels

- Invited Speaker, and Session Chair. International Drug Discovery Science and Technology Conference: Milestones of Innovative Therapeutics. Everbright Convention & Exhibition Center, Shanghai, China. October 22-30, 2009.
- Invited Speaker, and Session Chair. International Conference on Environmental Health Risk. Wessex Institute of Technology, South-Hampton, England. September 19-24, 2009.
- Scientific Committee Member, and Publications Committee Chair. 11th RCMI International Symposium on Health Disparities. Honolulu, Hawaii. December 1-4, 2008.
- Invited Speaker, Session Chair, and Expert Panelist. International Conference on Analytical Chemistry-Its Importance in Industry, Environment and Health. Andhra University, Visakhapatnam, India. November 8-12, 2008.
- Invited Speaker. Indian Institute for the Hearing Handicapped. Mumbai, India. November 14, 2008.
- Session Chair. 4th International Conference on Trace Element Speciation in Biomedical, Nutritional and Environmental Sciences. Munich, Germany. May 25-29, 2008.
- Session Chair. 10th International Symposium on Metal Ions in Biology and Medicine. Corsica, France. May 18-23, 2008.
- External Examiner of Ph.D. Dissertations. University of Ballarat School of Science and Engineering, Victoria, Australia.
- Organizer/Chairman - "Second International Symposium on Recent Advances in Environmental Health Research". Regency Hotel. Jackson, Mississippi. September 18-21, 2005.
- External Academic Programs Reviewer. Biology Degree Programs. College of Sciences. Southern University and A&M College. Baton Rouge. July 2005.
- Invited Keynote Speaker. Eighth International Conference on Water Conservation in Coastal Areas. Ocean University of China, Qingdao, China. November 2005.
- Greenwood Award Selection Committee Member. Ninth NIH-RCMI International Symposium on Health Disparities. Baltimore Convention Center. Baltimore, Maryland. December 08-12, 2004.
- Invited Speaker and Discussant. Second EPA-Region 4 Environmental Research Seminar. Atlanta. Georgia. October 2004.
- *Coordinator/Chairman*. First International Symposium on Recent Advances in Environmental Health Research. Hosted by Jackson State University. Marriott Hotel. Jackson, Mississippi. September 19-22, 2004.

- International Scientific Organizing Committee Member. Eighth International Symposium on Metal Ions in Biology and Medicine. Hungarian Academy of Sciences. Budapest, Hungary. May 18-23, 2004.
- Organizer of Pre-Symposium Workshop on Environmental Health and Biomedical Research. Eighth International Symposium on Metal Ions in Biology and Medicine. Hungarian Academy of Sciences. Budapest, Hungary. May 18, 2004.
- Committee Member. National Library of Medicine Environmental Health Information Program. Bethesda, Maryland.
- Steering Committee Member. National Workshop on Regional Vulnerabilities to Climate Change. Southern University and A&T College. Baton Rouge, LA.
- Board Member - Public Health Focus Team. U.S. EPA Gulf of Mexico Program. Environmental Protection Agency.
- Visiting Scientist. Lawrence Berkeley National Laboratory. Berkeley, CA.
- Visiting Scientist. Armed Forces Institute of Pathology. Washington, DC.
- Session Moderator - New Frontiers in Genetic Toxicology. RCMI Spring Symposium and Collaborative Workshop on "Recent Advances in Environmental Health Research: *Health Disparities, Toxicology and Carcinogenesis*". Hilton Hotel, Jackson, Mississippi. April 24-26, 2002.
- Session Chair - Molecular and Cellular Mechanisms of the Physiological Activity of Metal Ions. 7th International Symposium on Metal Ions in Biology and Medicine. Saint Petersburg State University, Saint Petersburg, Russia. May 04-12, 2002.
- Guest Lecturer - Health Risk Assessment and Management. Institute of Environmental Studies and Research. Ain Shams University. Cairo, Egypt. May 22-23, 2002.
- Academic Advisor - Junior Faculty Development Program. American Councils for International Education. Washington DC. (Fellows: 1. Nanula Nanashvili, MD, Ph.D.; Republic of Georgia. 2001- 2002; 2. Saddradin Gurbanov, Ph.D., Republic of Azerbaijan. 2002- 2003).
- Organizer. Pre-symposium Workshop on "Toxicology, Health Effects, and Remediation of Selected Contaminants" - 6th International Symposium on Metal Ions in Biology and Medicine. San Juan, Puerto-Rico. May 7-10, 2000.
- Organizer. Pre-symposium Workshop on "Metal Ions Toxicity and Biomedical Research". 9th International Symposium on Metal Ions in Biology and Medicine. Lisbon, Portugal. May 21-15, 2006.
- Selected Delegate. United States Public Health Delegation to India. People to People Ambassador Programs with President George W. Bush serving as Honorary Chairman. August 2007.

- Award Presenter (with Dr. Bill Cosby as Keynote Speaker). Benjamin Banneker Institute for Science and Technology. Legacy Award Gala for Celebrating our Passion for Excellence in Science, Technology, Engineering and Mathematics. Washington, DC. November 2007.

Professional Services – State Level

- Advisory Board Member. Mississippi Source Water Assessment Program. MS Dept. of Environmental Quality & MS Dept. of Public Health.
- Advisory Board Member. Mississippi Biomass Council. MS Dept. of Energy and Economic Development.
- Advisory Board Member. Mississippi Water Resources Research Institute. Mississippi State University.
- Research Proposals Reviewer. Experimental Program to Stimulate Competitive Research - U.S. Environmental Protection Agency. EPSCoR Program.
- Steering Committee Member. Mississippi Functional Genomics Network. Supported by the National Institutes of Health.

Professional Services - University Level

- JSU Coordinator. Minority Science Improvement Program in Environmental Science. (09/1997 – 08/2000)
- JSU Board Member. Graduate Council
- Committee Member-Graduate Faculty Standards. Graduate Council
- Catalog Committee Member. Graduate School
- JSU Research Advisory Committee Member (1998 -Present)
- JSU Radiation Committee Member (1998 - Present)
- Member – Promotion and Tenure Committee. College of Public Service (2008-2009)
- College Representative – University Assessment Committee (2007-Present)
- Member - Search Committee for the Dean of Libraries (2003-2004, and 2005-2006)
- Member - Search Committee for the Associate Dean. School of Engineering (2000-2001)
- Member - Search Committee for the Chair of the Department of Civil Engineering. School of Engineering. (2000-2001)
- Member - Search Committee for Program Coordinators and Faculty. Department of

Public Health. School of Allied Health. (2001-2002)

- Member - Faculty Search Committee. Department of Urban and Regional Planning. School of Liberal Arts. (2001-2005)
- Judge. Mississippi Science and Engineering Fair, Region II. Jackson State University. Jackson, MS. (1997 - Present)
- Judge. Mississippi Science Olympiad. Jackson State University. Jackson, MS. (2002 - Present)
- JSU Representative - Task Force on Cancer Research : Mississippi Research Consortium (2000 – Present)
- Member - Institutional Committee on the Care and Use of Laboratory Animals (2001 – 2003)
- Member - Board of Directors. Bioremediation Education Science and Technology Program (1998 – 2002)
- Guest Lecturer - Department of Public Policy, School of Liberal Arts, JSU (2001-2002)
- Member - Promotion Committee - Department of Health Care Administration, School of Allied Health, JSU (2002 – 2003)
- Member – University Promotion Committee. JSU (2002 – 2004)
- Session Chair – University Scholar Symposium. Center for University Scholars. Jackson State University (2003, 2005)
- Chair – Research Training Appointment. Jackson Heart Study (2005 – 2008)

Professional Services - College Level

- Member- Strategic Planning Committee. College of Science, Engineering and Technology (1998 – Present)
- School of Science and Technology Representative - Graduate Council (2001 – 2006)
- Research Director. Bioremediation, Education, Science and Technology (BEST) Program. (1997 – 2002)
- Advisory Board Member. MBRS (RISE and SCORE) Program (2001 – Present)
- Moderator. Workshop on Environmental Pathology and Toxicology '99: Environmental and Health Effects of Trace Elements and Metal Ions. Jackson Sate University. Jackson, Mississippi. April 29-30, 1999.
- Manager - Environmental Toxicology Research Laboratory (1998 – Present)

- Director – Cellomics and Toxicogenomics Research Laboratory (2001 – Present)
- Faculty Development and Research Mentoring:
 - 1998-2003: Dr Barbara Wilson* – RCMI Research Program. Currently Associate Professor* of Biology at JSU.
 - 2004-Present: Dr Ramzi Kafoury* – RCMI Research Program. Currently Associate Professor* of Biology at JSU.
 - 2004-Present: Dr Yiming Liu* – RCMI Research Program. Currently Professor* of Chemistry at JSU.
 - 2004-Present: Dr. Ernest Izevbigie* – RCMI Faculty Development Program, and NIH Loan Repayment Program. Currently Associate Professor* of Biology at JSU.
 - 2005-Present: Dr. Kenneth Ndebele* – RCMI Research Program. Currently Assistant Professor* of Biology at JSU.
- 2001 - Present: Dr. Anita Patlolla* - Post-Doctoral Research Associate (2001-2003); Currently Research Assistant-Professor* (2004-Present).
- 2002 - Present: Dr. Wellington Ayensu* - Post-Doctoral Research Associate (2002-2004); Currently Assistant Professor* (2004-Present).
- 2002 – Present: Dr. Dwayne Sutton* – Post-Doctoral Research associate (2002-2004); Currently Assistant Professor* (2004-Present).
- Summer 2003. Dr. Hattie Spencer*, Associate Professor* at MS Valley State University
- 1998-2001: Dr. Ali Ishaque* - Post-Doctoral Research Associate. Currently Associate-Professor* at the University of Maryland Eastern Shore.
- Summer 1998 - Dr. Omishakin*, Associate Professor and Coordinator* of Environmental Health Graduate Program at MS Valley State University
- Summer 1999-Mrs. Sonia Eley*, Biology Instructor* at Alcorn State University.
- Member - Search Committee for the Chair, and Faculty. Department of Chemistry. (2002 –2003)
- Member - Promotion Committee. Department of Chemistry. (2001 – 2002)
- Chair - Internal advisory Committee. NIH-Research Initiative for Scientific Enhancement –RISE) Program (2003 – Present)
- Member - Search Committee for the Associate Dean for the School of Public Health. College of Public Service. (2005 –2006)
- Member - Promotion Committee. Department of Epidemiology and Biostatistics. School of Public Health. College of Public Service. (2005 –2006)
- Member – Promotion Committee. Department of Chemistry. College of Science, Engineering and Technology (2005 –2006).

Professional Services - Department Level

- Search Committee Chair. Department of Biology (2000 – 2003)
- Promotion Committee Member. Department of Biology (2001 – Present)
- Tenure Committee Member. Department of Biology (2003 – 2004)

- Scheduling Committee Member. Department of Biology (2000 – 2005)
- Co- Chair. SACS Editing Committee. Department of Biology (2000-2001)
- Chairman. SACS Committee. Doctoral Program in Environmental Science (2000-Present)
- Faculty Contributor. Young Scientist Program - Department of Chemistry (2001 – Present)
- Major Academic Advisor and Research Mentor of several undergraduate and graduate students involved in the following developmental programs:
 - RISE – Research Initiative for Scientific Enhancement Program
 - LSMAMP-Louis Stokes Mississippi Alliance for Minority Participation Program
 - NIMH-COR Program
 - STARGE-Science and Technology Access to Graduate Education Program
 - CMCM Program
 - HBCU/MI-ETC Program
 - RCMI Program
 - Title III Graduate Education Program
 - JSU-EPA Partnership Program
 - NOAA-ECSC Program
- Chair – Steering Committee. Environmental Science Ph.D. Program (1996 – Present)

Professional Services - Consultancy

- Consultant in the Water and Health project. Yaounde, Cameroon, 1991-1993. Sponsor: ORSTOM.
- Consultant in the Schistosomiasis Control Project in Kaele, Cameroon. 1991-1994. Sponsor: USAID.
- Consultant with the local UNICEF office in Yaounde, Cameroon. 1992-1994. Sponsor: UNICEF.
- Consultant on the “Selenium against Arsenicosis in Bangladesh and West Bengal (India)”. 2004-2009.

Professional Associations

- American Public Health Association, Since 1991
- American Association for Cancer Research, Since October 2001
- American Association of University Professors, since January 1998
- American Association for the Advancement of Science, since January 1998

- United States National Environmental Health Association, since January 1995
- New-York Academy of Science, since April 1998
- Society of Environmental Toxicology and Chemistry, since April 1998
- Society of Toxicology, Since September 2000
- United States Water Pollution Control Federation, Since 1989