

BIMAL K. BANIK

(bimalbanik10@gmail.com; bbanik@pmu.edu.sa; USA citizen)

Professional Appointments:

March 2019-present Professor, Deanship of Research, Department of Mathematics and Natural Sciences, College of Sciences and Human Studies, Prince Mohammad Bin Fahd University, Al Khobar, Kingdom of Saudi Arabia

November 2014-March 2019 Vice President of Research and Education Development, Community Health Systems of South Texas, Edinburg, TX, USA

2007 September-November 2014 Professor, University of Texas (UT)-Pan American, Edinburg, USA

2007 June-August, 2014 First President's Endowed Professor, UT-Pan American, Edinburg, USA

2006 September-August 2007 Associate Professor, UT-Pan American, Edinburg, USA

2004 August-August 2006 Assistant Professor, UT-Pan American, Edinburg, USA

1997-2004 Assistant Professor, UT M. D. Anderson Cancer Center, Houston, USA

1995-96 Research Scientist, UT M. D. Anderson Cancer Center, Houston, USA

1994 Research Assistant Professor, Stevens Institute of Technology, Hoboken, USA

Administrative Responsibilities:

November, 2014-March, 2019

Vice President of Research & Education Development, Community Health Systems of South Texas (CHSST), Edinburg, Texas, USA

September, 2006-August, 2012

Program Director of the NIH grant, The University of Texas-Pan American, Edinburg, Texas, USA

September, 2006

Program Director of the NIH-RISE grant, The University of Texas-Pan American, Edinburg, Texas, USA

September, 2008-August, 2012

Program Director of the NCI grant, The University of Texas-Pan American, Edinburg, Texas, USA

January, 2010-June, 2015

Founder and Editor-in-Chief, Organic & Medicinal Chemistry Letters (Springer)

June, 2015-March, 2019

Founder and Section Editor (Editorial Board-Founding Editor), Organic & Medicinal Chemistry, Chemistry Central Journal (Springer Nature)

March, 2019-present

Editorial Advisory Board Member (BMC Chemistry, Formerly Chemistry Central Journal)

March, 2019-present

Editorial Advisory Board Member (Cambridge Scholars Publishing)

July, 2012-present

Founder and Editor-in-Chief, Current Organocatalysis (Bentham Publisher)

July, 2012-present

Founder and Editor-in-Chief, Current Microwave Chemistry (Bentham Publisher)

July, 2015-present

Founder and Editor-in-Chief, Asian Journal of Organic & Medicinal Chemistry (Asian Publishing Corporation)

July, 2016-present

Associate Editor, Asian Journal of Chemistry (Asian Publishing Corporation)

December, 2016-present

Associate Editor, Journal of Ultra Chemistry

December, 2016-present

Associate Editor, Journal of Advances in Chemical Science

December, 2016-present

Associate Editor, Letters in Drug Design & Discovery (Bentham Publisher)

February, 2017-present

Editor-in-Chief, Modern Chemistry & Applications (OMICs Group)

August, 2017-present

Editor-in-Chief, Journal of Contemporary Chemistry

December, 2016-present

Associate Editor, Organic Chemistry: Current Research (OMICs Group)

December, 2016-present

Associate Editor, International Journal of Applied Chemistry (Research India Publications)

March, 2017-August, 2017

Associate Editor, Natural Products: An Indian Journal

March, 2017-present

Editor-in-Chief, Immunology: Current Research

August, 2017-present

Editor-in-Chief, Natural Products: An Indian Journal

January 2016-present

Editor-in-Chief, Open Chemistry Journal (Bentham Publisher)

January, 2018-present

Associate Editor-in-Chief, Chemical Methodologies

April, 2018-present

International Executive Editor, Journal of Indian Chemical Society

May, 2018-present

Editor-in-Chief, Scholarly Journal of Applied Sciences and Research

November, 2018-present

Editor-in-Chief, Archives of Pharmacology and Therapeutics

June, 2018-present

Editor-in-Chief, Journal of Advancements in Plant Science

November, 2012-December, 2014

Editor-in-Chief, Frontiers in Chemistry; Journal of Medicinal & Pharmaceutical Chemistry (NATURE Publishing Group)

2004-2019

Guest Editor of Journals: Tetrahedron Symposium-in-Print, Current Medicinal Chemistry, Current Organocatalysis, Journal of the Indian Chemical Society and Molecules

2010-present

Editor of 7 Books: Springer, Springer Nature, Nova, CRC Taylor & Francis; Elsevier

1997-present

Editorial Board Member of 28 national and international journals

2000-present

Panel Member of NIH/NCI and NSF Grants' Study Sections; Reviewer of NIH, NSF, NCI, ACS, Research Corporation, DOD, NRC (Canada), UTPA, Belgium, Spain, Czechoslovakia and Austria Government Research Grants

June, 2012

Program Director of the NIH-SEPA grant (Science, Engineering, Pharmacy and Education), The University of Texas-Pan American, Edinburg, Texas, USA

September, 2012-2013

Program Director of the NIH-R25 grant (Science, Engineering, Pharmacy and Education), The University of Texas-Pan American, Edinburg, Texas, USA

June, 2009-August, 2010

Program Director of the NCI, Arra grant, The University of Texas-Pan American, Edinburg, USA

September, 2005-May, 2008

Chairman of the Faculty Research Council, The University of Texas-Pan American, Edinburg, USA

September, 2000-August, 2002

Chairman of the Drug Discovery Symposium (preparation, process, delivery, formulation and marketing), The University of Texas M. D. Anderson Cancer Center, Houston, Texas, USA

September, 2000-August, 2002

Chairman of the Chemistry Club, The University of Texas M. D. Anderson Cancer Center, USA

September, 1997-August, 2003

Director of the Analytical Chemistry Core Laboratory (used by chemists, biologists, pharmacologists and clinicians), The University of Texas M. D. Anderson Cancer Center, Houston, Texas

November, 2011-April 2014

Advisor of the National Society of Collegiate Scholars, The University of Texas-Pan American, Edinburg, Texas, USA

June, 2008-April 2014

Advisor of the Chemistry Honors Club, The University of Texas-Pan American, Edinburg, USA

August, 2012

Organizer and Chairman of an international symposium on Microwave Technology, Science and Engineering, Philadelphia, USA (funded by American Chemical Society and CEM)

March, 2012

Organizer and Principal Investigator of an international symposium on Green Chemistry & Engineering, India (funded by India-USA Joint Collaboration)

September, 1997-present

As the Principal Investigator, managed several accounts, wrote numerous reports and completed many procedures for external funding; created collaborations with other institutions and international countries: USA, India, Spain, Canada and Mexico; continuing research and educational collaborations

As the Principal Investigator, prepared budget for all grant applications (funded and non-funded) that include NIH, NCI, NSF, DOE, Welch Foundation, American Chemical Society Petroleum Research Grant, Research Corporation, University of Texas-Pan American, University of Texas-San Antonio Health Science Center, University of Texas-M. D. Anderson Cancer Center, India-US collaboration, Kleberg Foundation of Texas, US-Mexico collaboration

September, 2004-March, 2014

Supervised 12 Personal Office Assistants and 3 Personal Secretaries

2011-present

As the Editor-in-Chief recruited several hundred Ph. D. level scientists for editorial board memberships and associate editorships based upon their interests and achievements; As the Editor-in-Chief collaborated with 6 journals administrators (Ph. D.) and 8 journals staff; As the Editor of books, collaborated with 5 books administrators (Ph. D.) and 8 books staff; continuing administrative supervision and collaboration

Post-doctoral Training:

1990-1993 Research Associate, Stevens Institute of Technology, Hoboken, NJ, USA
1989 Research Associate, Case Western Reserve University, Cleveland, OH, USA
1988 Research Associate, Indian Association for the Cultivation of Science, Calcutta, India

Thesis work for Ph. D:

1982-1987 Research Scholar, Indian Association for the Cultivation of Science, Calcutta, India

EDUCATION: B. Sc. Hons., Burdwan University (Chemistry, Top-ranked student in the state, educational transcript got evaluated by a global agency in US, GPA 3.90/4.00); M. Sc., Burdwan University (Organic Chemistry, educational transcript got evaluated by a global agency in US, GPA 4.00/4.00); Ph. D. Jadavpur University (Synthetic Organic Chemistry)

PUBLICATIONS: Published 402 paper, book chapter, book, editorial, forward, perspective and review with high impact; Awarded numerous US and World patents on Cancer and Infection

CITATIONS: Received 6600 citations in journals of the published papers and more than 200 media exposures

PRESENTATIONS: Presented 491 papers at the meetings: ACS, IUPAC, University and Research Center in USA, India, Germany, France, Canada, Jamaica, and Spain; Research Foundation and Industry

GRANTS: Awarded \$7.25 million dollar grants as the Principal Investigator; Submitted \$4.5 million dollar grant application

SUPERVISION: Supervised 455 students including 20 post-doctoral fellows and 7 Ph. D. level research scientists; advising 13 university faculties and research scientists

ANALYTICAL EXPERIENCE: NMR, HPLC, GC, IR, UV, MS, X-ray, Polarimeter, Microwave and Ultrasound

CHEMICAL and BIOCHEMICAL EXPERIENCE: Catalysis, Synthesis, Green Chemistry Toward Medicinally Important Compounds; Investigated and analyzed In Vitro and In Vivo tests of many molecules; Pharmacy, Pharmacology, Natural Products, Studied mechanism of action of lead molecules: Cell Cycle, Apoptosis, Genome, Toxicity and Enzyme Inhibition. TEACHING: Taught chemistry in classroom; Received 96% excellent evaluation by the students in 37 courses; Developed curriculum; Taught more than 2600 students in classroom (undergraduates and graduates); Outstanding and Excellent Evaluation: 980/1000 students; Average and weak: 20/1000 students

SUBJECTS TAUGHT: Organic Chemistry Laboratory Methods and Preparation; New Synthetic Methods, Radical Cyclization Toward Biologically Active Compounds; Beta-Lactam Antibiotics; Anticancer Drug Development; Microwave-Induced Organic Reactions; Electrophilic and Nucleophilic Reactions; Name Reactions; Synthesis of Heterocycles; Chemistry of Carbohydrates; Chemoenzymatic Reactions

SELECTED HONORS AND AWARDS: Received Indian Chemical Society's Life Time Achievement Award, 2019; Two Asian Journals have decided to dedicate two issues of their journals to my honor as a recognition of winning Life time Achievement Award, 2019; Chosen as the "Ambassador" by Bentham Publisher; Selected as one of "Most Influential People on Earth out of 500 most influential persons in 2016" by US News Corporation; Selected as one of "Eminent Alumni" by Burdwan University in 2016"; Served as the Principal Investigator of the US-India Scientific Collaboration on Green Chemistry; Selected as the First President's Endowed Professor at the UTPA; Selected as the winner of the UT Board of Regents' Outstanding Teaching award; Selected as the winner of the US National Society of Collegiate Scholars Best Advisor award; Selected as the winner of Mahatma Gandhi Gold Medal, P. K. Bose Endowment Medal, Dr. Ghosh Gold Medal; Chosen as one of the Finalists for the UT Chancellor Award in Teaching for successive 6 years; Recognized at the US NCI webpage; Served as the Program Director and Principal Investigator of numerous NIH and NCI grants; Served as the Chairman of the Faculty Research Council; Received 6 top-cited publications awards; Invited and served as the Chairman of 20 sessions in chemistry at the US National Meetings and Numerous at the International conferences; Chemical & Engineering News highlighted research 4 times; C & E News selected 6 presentations as "presentation on demand"; Publications are selected for press releases in American Association for the Advancement of Science website; Serving as the Editorial Board Member of 28 journals, Editor-in-Chief of 10 journals, Guest Editor of 6 journals and reviewer of 93 journals; Served as the Panel Member of NIH, NCI, NSF, and International Grant Application (Austria, Spain, Belgium and Canada); Reviewed 2000 grant and manuscripts; Reviewed 25 Ph. D. thesis; Received 50 Certificates for excellent mentorship; Delivered lectures at the numerous international research conferences including Nobel Prize celebration meeting and 100th year anniversary of Indian Science Congress; Nominated for the US Professor of the year award and US Presidential award for mentoring; Received ACS member service award; Recruited more than 200 Ph. D. level Editorial Board Members for journals; Founded 4 international journals; Served as a member or chair of many national and international education and research committees