

**Ruhul H. Kuddus, Ph.D.**  
(*Curriculum Vitae*)

**CONTACTS:**

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Professional Web Site: [http://www.uvu.edu/profpages/profiles/show/user\\_id/2572](http://www.uvu.edu/profpages/profiles/show/user_id/2572)

Personal Web Site: <http://ruhulkuddus.com/> (temporarily out of service)

**EDUCATION:**

Ph.D. Molecular Genetics and Biochemistry, University of Pittsburgh School of Medicine, Pittsburgh, Pennsylvania, USA

M.S. Biology, George Mason University, Fairfax, Virginia, USA

M.Sc. Zoology with distinction, University of Dhaka, Dhaka, Bangladesh

B.Sc. Biology and Chemistry, Rajendra College (of the University of Dhaka), Faridpur, Bangladesh

**APPOINTMENTS AND POSITIONS:**

2017-present: Professor of Microbiology & Molecular Biology, Utah Valley University

2021-present: Academic Editor, Prostrate Cancer (Journal), Hindawi/Wiley, London UK.

2020-2020: Visiting Scientist, Department of Human Genetics, University of Utah, Salt Lake City, UT

2015-2018: Associate Chair, Dept. of Biology, Utah Valley University, Orem UT 84058

2011-2012: US Fulbright Scholar and Visiting Professor, Department of Genetic Engineering and Biotechnology, University of Dhaka, Dhaka 1000 Bangladesh

2008-2017: Associate Professor of Biology, Utah Valley University, Orem UT

2003-2008: Assistant Professor of Biology, Utah Valley University, Orem UT

2001-2003: Assistant Professor, Department of Surgery, University of Pittsburgh School of Medicine; Member, Thomas E. Starzl Transplantation Institute and McGowan Institute of Regenerative Medicine, University of Pittsburgh, Pittsburgh, PA

2000-2001: Staff Investigator, Veterans Administration Medical Center, Pittsburgh, PA

1997-2001: Research Instructor of Surgery, Starzl Transplantation Institute (STI) and University of Pittsburgh School of Medicine, Pittsburgh PA

1993-1997: Research Associate, Division of Molecular Virology, University of Pittsburgh School of Medicine, Pittsburgh, PA

1986-1993: Graduate student, George Mason University and the University of Pittsburgh

1979-1985: Officer in Education (Lecturer of Zoology), Ministry of Education, Dhaka, Bangladesh.

**HONORS AND AWARDS:**

UVU Global Intercultural Faculty Fellowship (2016)

US Fulbright Scholar Award, US Department of State (2011-2012)

Outstanding Service Award, Utah Valley University International Center (2010)

Fellow, Center for the Study of Ethics, Utah Valley University, Orem, Utah (2009)

Faculty Scholar of the Year, Utah Valley University, Orem UT (2007)

Scholar in Residence, American Society for Microbiology (2006-2007)

Fellow, Center for Service and Learning, Utah Valley University (2005)

Dean's Scholarship, University of Pittsburgh, Pittsburgh, PA (1989-90)

University Merit Scholarship, University of Dhaka, Dhaka, Bangladesh (1976-1978)

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**PROFESSIONAL AFFILIATIONS:**

American Association for the Advancement of Science (1992-Present)  
American Society for Microbiology (1986-1992, 2003-Present)  
American Association for Cancer Research (2012-2020)  
The Transplantation Society (1996-2003, 2013-Present)  
Society for Ethics Across the Curriculum (2004-2015)

**CERTIFICATIONS:**

Certificate of Teaching Excellence, Department of Molecular Genetics and Biochemistry, University of Pittsburgh, Pittsburgh, Pennsylvania (1993)  
Certificate on Advanced Science and Technology Teaching, University of Dhaka (1984)

**PUBLICATIONS: Books**

**Kuddus R**, Aftabuddin M, Rashid SMM. 2013. *Discovering Biochemical Sciences*, ISBN: 984-70270-0016-0, ABL, Dhaka, Bangladesh, (456 pp).  
**Kuddus R**. 2012. *The Township of Faridpur*, (edited by Laura Hamblin), ISBN: 984-70270-0013-9, Matrivosha Prokash, Dhaka, Bangladesh (86pp).  
**Kuddus R**. 2010. *Microbiology for Health Professions*, ISBN 1-60797-055-4; New York, Linus Publications, Inc. (825pp).  
**Kuddus R**. 2007. Choto Shahar Faridpur (In Bengali, *The Township of Faridpur*), ISBN 984-700-78-000-1-8, Dhaka, Parijat Prokashani (87pp)  
**Kuddus R**, Jaspersen JO, Carter AM. 2014. Digital Nation: New Media, Old Teachers, Learning & Citizenship. ISBN: 281-0-05001-164-6. Orem UT, Utah Valley University Printers (178pp).  
Ali A, **Kuddus R**, Andaleeb SS. 2003. *Development Issues of Bangladesh II*, ISBN 984-05-1657-4; Dhaka, University Press Ltd. (491pp).  
Ali A, Islam MF, **Kuddus R**. 1996. *Development Issues of Bangladesh*, ISBN 984-05-1372-9; Dhaka, University Press Ltd. (409pp).  
**Kuddus R**. 2014. *Experiments in Molecular Biology*. ISBN: 978-16-079-7055-2. Orem UT, UVU Book Store (160pp).  
**Kuddus R**. 2008. *A Laboratory Manual for Introductory Immunology*, ISBN- 978-08-400-2572-2; Orem UT, UVU Book Store (Second Ed. 106pp).

**Research Articles**

El Ezzi AA, Clawson JM, El-Saidi MA, Zaidan WR, Kovash A, Orellana J, Thornock A, **Kuddus R**. Association of angiotensin I converting enzyme insertion/287bp deletion polymorphisms and proliferative prostatic diseases among Lebanese men. *Prostate Cancer* 2020; 2020:1-6; <https://doi.org/10.1155/2020/5959134>.  
Islam MM, Webb B, Palais R, Kuddus RH. Assessing the Potential Impact of the Declaration of Istanbul 2008 on Internet Reporting of Human Organ Transplantation-Related Crimes Using Interrupted Time Series Analysis and Meta-Analysis Approaches. *Transplant Proc.* 2020; 52(1):12-19. doi: 10.1016/j.transproceed.2019.10.011.  
Fariba MH, Sami AB, Bhattacharjee D, Saha SK, Bachar SC, Uddin MU, **Kuddus RH**. Change in Antibiotic Susceptibility Pattern of Clinical Bacterial Isolates from Two Hospitals in Dhaka, Bangladesh over a Period of Three Years. *Microbiol Res J Int* 2017; 22(6): 1-10. DOI: 10.9734/MRJI/2017/39626

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- El Ezzi AA, Boyko VG, Baker MT, Zaidan WR, Hraiki KM, El Saidi MA, **Kuddus RH**. Association of Some Polymorphisms in the VDR Gene, CYP17 Gene and SRD5A2 Gene and Prostate Cancer among Lebanese Men. *Asian Pac J Cancer Prev*. 2017 Jan 1; 18(1):93-100. *This article is a revised version/replacement of the same title, previously published without VG Boyko as a coauthor.*
- Shehreen S, **Kuddus R**, Uddin MA. Prevalence and diversity of coliphages in Dhaka, Bangladesh and their lytic potentials against pathogenic bacteria. *British Microb Res J* 2015; 10(3): 1-11; DOI: 10.9734/BMRJ/2015/20392.
- Chowdhury MMK, Moniruzzaman M, Al Emran MA, Mostafa MG, **Kuddus RH**, Uddin MA. The TP53 Codon 72 Polymorphisms and Lung Cancer Risk in Bangladeshi Population. *Asia Pac J Cancer Prev* 2015; 16(8):3493-3498.
- El Ezzi AA1, Zaidan WR, El-Saidi MA, Al-Ahmadih N, Mortenson JB, **Kuddus RH**. Association of benign prostate hyperplasia with polymorphisms in VDR, CYP17, and SRD5A2 genes among Lebanese men. *Asian Pac J Cancer Prev*. 2014;15(3):1255-62.
- Kuddus R**, Mehrizy RS, Minaie A, El-Saidi MA, El Ezzi AA. The Motivation of Organ Donation Among College Students in the United States. *Transplant Proc* 2014; 46(6):2046-2049.
- Kuddus R**. The Islamic founding principles on organ transplantation and the evolution of Islamic scholarly opinions on the subject. *Transplant Proc* 2014; 46(6): 2043-2045.
- Sanati-Mehrizy R, Minaie A, **Kuddus RH**, Sanati-Mehrizy A, Sanati-Mehrizy P. Sequence Data Mining for Adverse Event Prediction and Action Recommendation. *Proc Am Soc Eng Ed* 2014; Paper #10856, online: <file:///Users/Kuddus/Downloads/Final Revised Paper for submission to Computing Information Technology Divisio.pdf>.
- Kuddus R**. Future of higher education conglomerates: Evolve in a hurry or go extinct (A Review of: College (Un)bound: The Future of Higher Education and What It Means for Students by Jeffrey J. Selingo (2013), New Harvest (Houghton Mifflin Harcourt), Boston, 238 pages). *J Microbiol Biol Ed* 2013; 14(2): 281-282.
- Ali MA, Islam MS, Mandal SK, Nasrin J, Rahman MM, **Kuddus RH**, Prodhan SH. Genetic diversity among salt-tolerant rice (*Oryza sativa* L.) landraces cultivated in the coastal districts of Bangladesh. *J Biosci Biotech* 2014; 3(1): 15-22.
- Kuddus R**. Who Should Change Biology Education: An Analysis of the Final Report on the Vision and Change in Undergraduate Biology Education Conference. *Int J Biol Ed* 2013; 3(1): 63-83.
- Saha SK, Chowdhury AKA, Bacahar SC, Das SC, **Kuddus RH**, Uddin M Aftab. Comparative *in vitro-in vivo* correlation analysis with pioglitazone tablets. *Asian Pac J Trop Dis* 2013; 3(6): 487-491.
- El Ezzi A, El-Saidi M, **Kuddus R**. Long term stability of thyroid hormones and DNA in blood spots kept under varying storage conditions. *Pediatr Int*. 2010; 52: 631-639.
- Kuddus R**, Oakes J, Sharp C, Scott J, Slater K, Kirsi J, Kopp O, Burt W. Isolation of medically important fungi from *Ginkgo biloba* leaves and crude ginkgo supplements. *Int J Microbiol* 2008; 5(2):1-6.
- Kuddus R**, Toruno C, Khan A. Effect of microquestioning approach of teaching biological sciences on student learning and learning strategies. *Hawaii International Conference on Education Proceedings* 2008; 6:2272-2289.
- Islam F, McAdams-Jones D, **Kuddus R**. Human Organ Procurement for Transplantation: Some Ethical Issues. *Bioethics: Proceedings of the 9th UVU Conference by the Faculty* 2008; 9:59-67

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- Kuddus R**, DeLuca N. DNA dependent oligomerization of HSV-1 regulatory protein ICP4. J Virol 2007; 81(17):9230-7.
- Kuddus R**, Islam F, McAdams-Jones D. Human organ procurement and for transplantation: Revisiting Incentives. J Utah Acad Sci 2007; 84:85094.
- Isalm F, Gooch R, Wilson I, **Kuddus R**. Sustainable development: Reflection on some developing countries. J Utah Acad Sci 2006; 83:52-64.
- Butterfield T, (Adviser: **Kuddus R**). Solid organ theft: An investigation on the reality and implications. Proc Nat Conf Undergrad Res 2007, 21:886-891.
- Kuddus R**. *Ginkgo biloba* Medications: Prospects and Some Supplemental Problems. J Utah Acad Arts Sci 2005; 82:41-50
- Kuddus RH**, Metes DM, Nalesnik MA, Logar AJ, Rao AS, Fung JJ. Porcine cell microchimerism but lack of productive porcine endogenous retrovirus infection in naive and humanized SCID-beige mice treated with porcine peripheral blood mononuclear cells. Transpl Immunol. 2004 Jun-Jul;13(1):15-24.
- Kuddus RH**, Lee Y-H, Valdivia LA. A semiquantitative PCR technique for detecting chimerism in hamster to rat bone marrow xenotransplantation. J Immunol Methods 2004 Feb 15;285(2):245-51.
- Kuddus RH**, Gandhi CR, Rehman KK, Guo F, Watkins SC, Valdivia LA, Fung JJ. Some morphological, growth, and genomic properties of human cells chronically infected with porcine endogenous retrovirus (PERV). Genome. 2003 Oct; 46(5): 858-869.
- Kuddus R**, Patzer II JF, Lopez R, Mazariegos G, Meighen B, Kramer DJ, Rao AS. Clinical and laboratory evaluation of a bioartificial liver assist device for potential transmission of porcine endogenous retrovirus. Transplantation 2002; 73:420-429.
- Kuddus R**, Kuddus N, Dvorchick I. DNA polymorphism in the living fossil *Ginkgo biloba* from the Eastern United States. Genome 2002; 45:8-12.
- Sun H, Woodward JE, Subbotin VS, **Kuddus R**, Logar A, Schaefer AT, Aitouche A, Rao AS. The use of recombinase activation gene-2 deficient mice to ascertain the role of cellular and humoral immune response in the development of chronic rejection. J Heart Lung Transplant 2002; 21:738-750.
- Kuddus R**, Patzer JF, Lopez R, Mazariegos GV, Meighen B, Kramer DJ, Fung JJ, Rao AS. Valuation of transmission of porcine endogenous retrovirus into patients subjected to hemoperfusion using an extracorporeal bioartificial liver support system. Transplant Proc 2001; 33:1976.
- Rao AS, Dvorchik I, Dodson F, Abu-Elmagd K, Schaefer AT, Ostrowski L, Valenti M, Zeevi A, **Kuddus R**, Starzl TE, Fung JJ. Donor bone marrow infusion in liver recipients: Effect on the occurrence of acute cellular rejection. Transplant Proc 2001; 33:1352.
- Gandhi CR, **Kuddus RH**, Nemoto EM, Murase N. Endotoxin treatment causes an upregulation of the endothelin system in the liver: Amelioration of increased portal resistance by endothelin receptor antagonism. J Gastroenterol Hepatol 2001; 16:61-9.
- Kuddus RH**, Nalesnik MA, Subbotin VM, Rao AS, Gandhi CR. Enhanced synthesis and reduced metabolism of endothelin-1 (ET-1) by hepatocytes-An important mechanism of increased endogenous levels of ET-1 in liver cirrhosis. J Hepatol 2000; 33:725-32.
- Gandhi CR, **Kuddus RH**, Uemura T, Rao AS. Endothelin stimulates transforming growth factor- $\beta$ 1 and collagen synthesis in stellate cells from control but not cirrhotic rat liver. Eur J Pharmacol 2000; 406:311-8.
- Cicalese L, **Kuddus R**, Yacoub W, Subbotin V, Fung JJ, Starzl TE. Ischemia/reperfusion injury induces chronic changes in the small bowel. Transplant Proc 2000; 32:1315.

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- Gandhi CR, Uemura T, **Kuddus R**. Endotoxin causes up-regulation of endothelin receptors in cultured hepatic stellate cells via nitric oxide-dependent and -independent mechanisms. *Br J Pharmacol* 2000; 131:319-27.
- Miki T, Lee YH, Tandin A, Subbotin V, **Kuddus R**, Rao AS, Fung JJ, Starzl TE, Valdivia LA. Xenogeneic humoral graft-vs-host disease following hamster-to-rat bone marrow transplantation. *Transplant Proc* 2000; 32:1036-7.
- Lee YH, Miki T, **Kuddus R**, Tandin A, Goller AL, Subbotin V, Fung JJ, Peach R, Valdivia LA, Rao AS. Administration of CTLA4-Ig enhances the incidence of hamster-to-rat xenogeneic bone marrow engraftment and alters the presentation of graft-vs-host disease. *Transplant Proc* 2000; 32:1032-3.
- Gandhi CR, **Kuddus R**, Subbotin VM, Prelich J, Murase N, Rao AS, Nalesnik MA, Watkins SC, DeLeo A, Trucco M, Starzl TE. A fresh look at augments of liver regeneration in rats. *Hepatology* 1999; 29:1435-45.
- Gabriel A, **Kuddus RH**, Rao AS, Gandhi CR. Down-regulation of endothelin receptors by transforming growth factor  $\beta$ 1 in hepatic stellate cells. *J Hepatol* 1999; 30:440-50.
- Rastellini C, Salam A, **Kuddus R**, Aitouche A, Subbotin V, Braun M, Leach R, Peach R, Fung JJ, Starzl TE, Rao AS. Prevention of T-cell activation by rhCTLA4-Ig and anti-CD40L monoclonal antibody results in indefinite islet allograft survival. *Transplant Proc* 1999; 31:1242-3.
- Salam A, Aitouche A, **Kuddus R**, Peach R, Fung JJ, Rao AS. The combined use of sublethal irradiation and costimulatory blockade to generate mixed bone marrow chimeras. *Transplant Proc* 1999; 31:1197-8.
- Cicalese L, Yacoub W, Subbotin V, **Kuddus R**, Fung JJ, Stanko R, Rao AS. Pyruvate inhibits the chronic damage which ensues after ischemia/reperfusion injury of kidneys. *Transplant Proc* 1999; 31:1033.
- Rastellini C, Salam A, **Kuddus R**, Aitouche A, Braun M, Leach R, Peach R, Fung JJ, Starzl TE, Rao AS. Mechanisms underlying the development of T-cell tolerance following interruption of signaling at the CD28/B7 and CD40/gp39 interface. *Transplant Proc* 1999; 31:845.
- Gabriel A, **Kuddus RH**, Rao AS, Watkins WD, Gandhi CR. Superoxide-induced changes in endothelin (ET) receptors in hepatic stellate cells. *J Hepatol* 1998; 29:614-27.
- Kuddus R**, Gu B, DeLuca NA. Relationship between TATA-binding protein and herpes simplex virus type 1 ICP4 DNA-binding sites in complex formation and repression of transcription. *J Virol* 1995; 69:5568-75.
- Gu B, **Kuddus R**, DeLuca NA. Repression of activator-mediated transcription by herpes simplex virus ICP4 via a mechanism involving interactions with the basal transcription factors TATA-binding protein and TFIIB. *Mol Cell Biol* 1995; 15:3618-26.
- Kuddus R**, Schmidt MC. Effect of the non-conserved N-terminus on the DNA binding activity of the yeast TATA binding protein. *Nucleic Acids Res* 1993; 21:1789-96.
- Kuddus R**, Quddus MMA, Shafi M. Length frequency distribution and fishery of shingfish, *Heteropneustes fossilis*, Bloch. *Bangladesh J Zool* 1997; 16:74-79.
- Kuddus R**, Quddus MMA, Shafi M. Feeding and breeding habits of shingfish, *Heteropneustes fossilis* (Bloch). *Dhaka Univ J Biol Sci* 1996; 5:32-43.
- Kuddus R**. (1984) Length-weight relationship and condition factor in the catfish *Heteropneustes fossilis* (Bloch). *Bangladesh J Zool* 1981; 12:49-52.

***Newspaper Articles and Editorials***

- Kuddus R.** Return of the Expatriates), Daily Jugantor, (a subeditorial) May 31, 2012. Written when in Bangladesh as a Fulbright Scholar. <http://www.bangladeshnews24.com/jugantor/2012/05/31/41514.htm>
- Kuddus R.** The potentials of biotechnology in Bangladesh) (an editorial). Daily Jugantor, Dhaka. March 16, 2012. Written when in Bangladesh as a Fulbright Scholar. <http://www.bangladeshnews24.com/jugantor/2012/03/16/29796.htm>
- Kuddus R,** Ahsan N. Clean hands for good health, a feature article). Daily Jugantor, Dhaka; January 21, 2012. Written when in Bangladesh as a Fulbright Scholar. <http://www.bangladeshnews24.com/jugantor/2012/01/21/21006.htm>
- Ahmed M, **Kuddus R.** Human organ trade (an opinion editorial), Daily Star (Dhaka, Bangladesh), October 11, 2011. Written when in Bangladesh as a Fulbright Scholar. <http://www.thedailystar.net/newDesign/news-details.php?nid=205958>
- Aftab Uddin M, **Kuddus R.** Biosafety and biosecurity: Threats from biological agents (an essay in the Science and Life section), Daily Star, Dhaka, Bangladesh), September 6, 2011. Written when in Bangladesh as a Fulbright Scholar. <http://www.thedailystar.net/newDesign/news-details.php?nid=201235>
- Kuddus R.** *Bacillus anthracis* and anthrax (an editorial addressing the 2010 human anthrax outbreak in Bangladesh). The Daily New Nation, Dhaka, Bangladesh (September 8, 2010). <http://www.ittefaq.com/issues/2010/09/08/news0928.htm>;

***Book Chapters (selected entries)***

- Kuddus R.** From individuals to communities: A unified study of ethics of conservation of life. In Kuddus R, Jasperson JO, Carter AM (Ed), *Digital Nation: New Media, Old Teachers, Learning & Civilization*, Orem, UVU press (2014).
- Islam F, McAdams-Jones D, **Kuddus R.** Human organ procurement for transplantation, some ethical issues. In McDonald R, Smith S (Ed), *Bio-ethics*, Orem UVU Press (2008)
- Butterfield T, **Kuddus R.** Organ Sale and Theft, A Reality Check with an Ethical Perspective. In McDonald R, Yells D (Ed.), *Ethics in Professions*, Orem, UVU Press (2007).
- Kuddus R,** Oakes J, Kopp O. Globalization and international molecular biotechnology transfer: ethical, technological and organizational issues. In Keller D (Ed), *Spheres of Globalization*, Orem, Utah, UVU Printing (2006).
- Kuddus, R.** Fisheries, aquaculture and water resources of Bangladesh. In Ali A, Kuddus RH, Andaleeb SS (Ed). *Development Issues of Bangladesh II*. Dhaka: University Press, (2003).
- Kuddus RH.** Technology transfer and Biorevolution in the Third World, In Ali A, Islam MF, Kuddus RH (Ed), *Development Issues of Bangladesh*, Dhaka: University Press Limited (2001).

***Peer-reviewed Abstracts/Presentations (selected entries)***

- Edwards B, Goddard J, Zaidan W, El Saidi MA, El-Ezzi AA, **Kuddus R.** Association of genetic polymorphisms of Cyclooxygenase-2 (PTGS-2) gene and prostate cancer. Utah Conference of Undergraduate Research (March 2021).
- Kuddus R.** Leave no question unasked: The Microquestioning Approach of Teaching and Learning. Lilly Conference on College and University Education, Austin TX (January 2020).

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- McWhorter J, Clawson J, Thornock A, Orellana J, Kovash A, **Kuddus R**. Characterization of Some Extended-Spectrum Beta-Lactamase-positive Coliforms Isolated from Environmental Samples of Utah Valley (ASM Intermountain Conference April 2019).
- Kuddus R**, Islam R. Can deceased organ donation be compensated: An Islamic perspective. TTS Regional Meeting, Istanbul, Turkey (March 2019).
- Kuddus R**, Islam MR, Webb B. Assessing the effectiveness of the Istanbul Declaration on Internet reporting of illegal and immoral activities related to human organ acquisition using interrupted time series analysis (ITSA) and a Meta-Analysis approaches. TTS Regional Meeting, Istanbul, Turkey (March 2019).
- Clawson J, Kovash A, Orellana J, Thornock A, El-Saidi M, El-Ezzi A, **Kuddus R**. Association of Angiotensin Converting Enzyme Insertion/287bp Deletion Polymorphisms and Proliferative Prostatic Diseases Among Lebanese Men. NCUR 2019, Kennesaw Georgia (April 2019).
- Boyko V, Clawson J, Elsaidi M, El Ezzi AA, **Kuddus RH**. The association of the FokI, BsmI, Apal and TaqI polymorphisms in the vitamin D receptor (VDR) gene and prostatic diseases. AAASPD Conference 2018, Lo Angeles California (June 2018)
- Clawson JM, Siefkw J, Trottier J, Bringhurst M, **Kuddus R**. Extended-Spectrum Beta-Lactamase-positive and Carbapenem-Resistant Coliforms from Environmental Samples in Utah. AAASPD Conference 2018, Lo Angeles California (June 2018).
- Fariba MH, Sami AB, Saha SK, Bachar SC, Bhattacharjee D, Uddin MA, **Kuddus R**. Rapid changes in antibiotic sensitivity and resistance among pathogenic bacteria isolated from clinical samples in two hospitals in Dhaka City, Bangladesh. 7th Annual Conference on Clinical Microbiology, Chicago IL Sept 2017.
- Kuddus R**. Utilization of the Microquestioning Approach of Teaching in Learning (MATL) in the Process Oriented Guided Inquiry Learning (POGIL) approach of teaching and learning. POGIL South-Western Regional Workshop, Denver CO July 2017.
- Boyko V, Siefke J, Tomney Z, Webb B, Slater K, Petrucci O, **Kuddus R**. Presence of extended-spectrum beta-lactamase (ESBL)-positive coliforms in Utah birds. AAAS Pacific Division Conference, Waimea HI June 2017.
- Davis K, Slater K, Petrucci OD, **Kuddus R**. Isolation and characterization of a salt-tolerant bacterium isolated from Texas crude oil. UCUR Feb 2017.
- Webb B, Bhattachajee D, Palais R, **Kuddus R**. Trends in online reporting of immoral and illegal activities related to organ transplantation before and after the signing of the Declaration of Istanbul on Organ Trafficking and Transplant Tourism. Submitted on October 25 to UCUR 2017.
- Kuddus R**. Some intrinsic ethical problems of teaching organic evolution. Society of Ethics Across Curriculum Annual National Conference, Salt Lake City UT (October 6-8, 2016).
- Kuddus R**, Palais R. A Google Advanced Search for illegal and immoral activities related to organ transplantation in twenty-five developed and developing countries. 26<sup>th</sup> International Conference of the Transplantation Society, Hong Kong, Hong Kong SR (August 2016).
- Oakey C, Bishop C, **Kuddus R**. *Salinivibrio costicola* (proposed strain SLC) survives indefinitely in 1% crude oil but the bacterium does not metabolize crude oil. ASM Intermountain Conference, Salt Lake City UT (April 2016).
- Demmitt-Rice C, El Ezzi A, El Saidi M, **Kuddus R**. Association of the Arg156Arg polymorphism in Xeroderma Pigmentosum gene and proliferative prostate diseases in Lebanese men. AAAS Pacific Division Conference, San Francisco CA June 2015.

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- Kuddus RH**, El Ezzi AA, El Saidi MA, Baker S, Zaidan W. Association of polymorphisms in TP53, CXCL2, MDM2, MDM4 and BCL2 genes and proliferative prostate diseases among Lebanese men. American Association for Cancer Research Annual Conference, Philadelphia, PA, April 2015.
- Kuddus R**, Oakes J, Kuddus JN, Downs E. Isolation and characterization of a crude oil-tolerant bacterium from the Great Salt Lake. American Association for the Advancement of Science Pacific Division Conference, Riverside, CA, June 2014.
- Kuddus R**. The Islamic founding principles on organ transplantation and evolution of the collective scholarly Islamic opinion on the subject. International Organ Donation Conference, Sydney, Australia, November 2013.
- Kuddus R**, Sanati R, Minaie A. The motivation of organ donation among college students in the United States. International Organ Donation Conference, Sydney, Australia, November 2013.
- Kuddus R**. Economic and biological significances of religious restrictions on food and drinks. Religious Faith and Social and Applied Sciences Conference, October 2013, Utah Valley University, Orem UT USA.
- Kuddus R**. My vision and changes in undergraduate biology education. Utah Academy of Science, Arts and Letters Annual conference, Orem UT (April 2013).
- Kuddus R**, El Ezzi A, El-Saidi MA, Zaidan W, Mortenson JB, Ahmadiyah N, Monika Trombly M, Kirsi J. Association of prostate cancer and benign prostate hyperplasia with polymorphisms in VDR gene, CYP17 gene and SRD5A2 gene among Lebanese men. American association for Cancer Research Annual Conference, Washington DC (April 2013).
- Kuddus R**. Microquestioning as a tool of teaching and learning and student interaction. SOTE Conference, Orem, UT (March 2013).
- Kuddus R**. The Township of Faridpur: Ballad of a sad city. 14th Annual Conference by the (UVU) Faculty (Jan 2013).
- Kuddus R**. A comparative analysis of biology literacy in the United States and the Indian Subcontinent. United States India Education Foundation Conference. Kochi, India (March 2012).
- Kuddus R**, Kirsi J and Holmes JD. Undergraduate Research Projects On Metagenomic Analysis Of Environmental Bacteria, American Society for Microbiology Conference of Undergraduate Educators, San Diego, CA (May 2010).
- Kuddus R**. On legalization of compensated solid organ donation and establishment of organ banks to govern organ procurement and distribution. Utah Academy of Arts Science and Letters Annual Conference, Saint George, Utah (April 2010).
- Kuddus R**. Undergraduate molecular biotechnology research and research-teaching: A five year observation. American Society for Microbiology Conference of Undergraduate Educators, Fort Collins Colorado (May 2009).
- El- Ezzi A, **Kuddus R**. Analysis of thyroxin and thyrotropin stability in blood spots stored under varying conditions. Utah Academy of Sciences, Arts and Letters Annual Conference, Provo, Utah (April 2009).
- Kuddus R**, Safiullah SS. A Comparative Study of the Selected Activities of the State Science Academies. Centennial Meeting, Utah Academy of Science, Arts and Letters, Slat Lake City Utah (March 2008)
- Kirsi J, Kuddus N, Peterson A, Slater K, Oakes J, **Kuddus R**. Can a Salt-tolerant Bacteria be Used in Bioremediation of Oil Spills. American Society for Microbiology Intermountain Chapter Conference, Logan UT (March 2008)



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- Wethal J, Toruno C, **Kuddus R.** Translation of internal ORF of a mammalian mRNA: Possibility of an IRES. Utah Conference for Undergraduate Research, Utah Valley State College, Orem UT (February 2008)
- Kuddus R.** Effect of microquestioning approach of teaching on student learning and learning strategies: Analysis of a survey outcome. Hawaii International Conference on Education, Honolulu HI (January 2008)
- Kuddus R. How Microquestioning Approach of Teaching Affect Student Learning and Learning Strategies. American Society for Microbiology Conference for Undergraduate Educators 2007. Buffalo New York May 18-20 2007.
- Butterfield T, **Kuddus R.** Organ sale and theft: An investigation on reality and implications, NCUR annual conference, San Rafael, CA (April 2007)
- Islam F, McAdams-Jones D, **Kuddus R.** Human organ procurement for transplantation: Revisiting incentives. Utah Academy of Arts, Sciences and Letters Annual Conference, Cedar City UT April 12, 2007
- Toruno C, **Kuddus R.** Expression and partial characterization a recombinant protein product of a primate-specific ORF, American Society for Microbiology, Intermountain Conference 2007, Pocatello, ID (March, 2007).
- Scott J, Oakes J, **Slater K**, Kirsi J, Kuddus R. Bacterial contamination of CAM derived from *Ginkgo biloba*. American Society for Microbiology, Intermountain Conference 2007, Pocatello, ID (March, 2007).
- Butterfield T, **Kuddus R.** Organ Sale and Theft: A reality check with an ethical perspective. Professional Ethics Conference 2006, UVU, Orem UT (December 2006).
- Toruno C, **Kuddus R.** Expression of Rat and Human Augmenter of Liver Regeneration (ALR) in Bacteria. UCUR 2007, Slat Lake City, UT (January 2007).
- Toruno C, **Kuddus R.** Ethical constraints in Xenotransplantation, Ethics Across the Curriculum Conference of UVU, Orem UT (October 2006).
- Kuddus R.** Isolation of fungi from *Ginkgo biloba* leaves and herbal supplement, ASM National Conference, Orlando FL 2006 (poster presentation).
- Toruno C, Kopp O, **Kuddus R.** Ethical problems in xenotransplantation. Center for Study of Ethics Conference, Orem, UT 2006 (oral presentation)
- Islam F, Gooch R, **Kuddus R.** Theory of Sustainable Development: Application to Some Asian Countries. Annual Conference of the Utah Academy of Science, Ephraim, UT 2006 (oral presentation).
- Walker D, **Kuddus R.** An outside shot at unraveling the mysteries of Waldenström's Macroglobulinemia, NCUR Annual National Conference 2006 (oral presentation).
- Oakes J, **Kuddus R.** In search of a fast growing halophyle from The Great Slat Lake: A heavily polluted natural environment. NCUR National Conference 2006 (poster presentation).
- Oakes J, **Kuddus R.** Characterization of two halophiles isolated from the Great Slat Lake, ASM Intermountain Regional Conference 2006 (oral presentation)
- Oakes J, Kopp O, **Kuddus R.** Globalization of Biotechnology, Center for Study of Ethics Conference, Orem, UT 2005 (oral presentation)
- Kuddus, R.** *Ginkgo biloba*: Supplemental problems (and prospects), Utah Academy of Arts, Science and Letters, Annual Conference, Orem, UT (May 2005)
- Oakes J, Moss T, Christianson JT, Stargill B, Slater K. and **Kuddus R.** Probing Microbial Diversity by RFLP Analysis of PCR-amplified small subunit rDNA Fragments. American Society for Microbiology Intermountain Regional Conference, Ogden, UT (April, 2005).

**Ruhul H. Kuddus, Ph.D.**  
(*Curriculum Vitae*)

- Sharp C, Burt W, Kopp O, Slater K, Kirsi J, Kuddus R. Isolation of Pathogenic Fungi from Healthy *Ginkgo biloba* Leaves and Ginkgo Herbal Preparations Sold in Health Food Stores. American Society for Microbiology Intermountain Regional Conference, Ogden, UT (April, 2005).
- Glazier R, Morris C, Prelich J, **Kuddus R**. Expression of Rat and Human Augmenter of Liver Regeneration (ALR) in Bacteria. American Society for Microbiology Intermountain Regional Conference, Ogden, UT (April, 2005).
- Sharp C, **Kuddus R**. Fungal infection of *Ginkgo biloba*. National Conference for Undergraduate Research, Lexington, Virginia (April 2005)
- Kuddus R**. Lack of release of infectious retroviral particles by reverse-transcriptase positive primary porcine cells. Intermountain Branch Meeting, American Society for Microbiology, Idaho Falls, Idaho, March 2004.
- Kirsi J, Kopp O, Burt W, Bracken M, Slater K, Robbins RR, Van Buren R, **Kuddus R**. Fungal blight of the living fossil *Ginkgo biloba*. Intermountain Branch Meeting, American Society for Microbiology, Idaho Falls, Idaho, March 2004.
- Kuddus R**, Nalesnik MA, Metes D, Gandhi C, Fung JJ. Infection of immunodeficient (SCID-beige) mice with porcine endogenous retrovirus. XIX International Congress of the Transplantation Society, Miami, FL, August 2003.
- Kuddus R**, Patzer JF, Fung JJ. Expression of porcine endogenous retrovirus genes in hepatocytes isolated from specific pathogen-free pigs for loading bioreactors used in a bioartificial liver support system. McGowan Institute for Regenerative Medicine Scientific Retreat and Strategic Planning Session, Nemaquin Woodlands, PA, February 2002.
- Kuddus R**, Rao AS, Nalesnik M, Fung JJ. Transmission of porcine endogenous retrovirus (PERV) in vivo to SCID-beige mice receiving porcine or porcine and human peripheral blood mononuclear cells. International Xenotransplantation Association Congress (IXA2001), Chicago, IL, September 2001.
- Kuddus R**, Tarara, M, Rao AS. Interspecies transmission of porcine endogenous retrovirus in vivo. Transplantation 2001 Joint Meeting, Chicago, IL, May 2001.
- Kuddus R**, Rao AS. Interspecific transmission of porcine endogenous retrovirus through cellular transplantation. Festschrift honoring Thomas E. Starzl, Pittsburgh, PA, April 2001.
- Uemura T, Chi X, **Kuddus R**, Gandhi, CR. Stellate cells produce hepatic growth inhibitory factor(s) other than TGF- $\beta$ , IL-6, IL-1 $\beta$ , and TNF- $\alpha$  upon stimulation with endotoxin. Festschrift honoring Thomas E. Starzl, Pittsburgh, PA, April 2001.
- Kuddus R**, Patzer II JF, Lopez R, Mazariegos GV, Meighen B, Kramer DJ, Fung JJ, Rao AS. Evaluation of transmission of porcine endogenous retrovirus (PERV) into patients subjected to hemoperfusion using an extracorporeal bioartificial liver support system. XVIII International Congress of the Transplantation Society, Rome, Italy, August 2000.
- Kuddus RH**, Patzer II JF, Mazariegos GV, Kramer DJ, Fung JJ, Rao AS. No evidence of transmission of porcine endogenous retrovirus (PERV) into patients with end-stage liver failure subjected to hemoperfusion using an extracorporeal bioartificial liver support system (BLSS). Transplantation 2000 Joint Meeting, Chicago IL, May 2000.
- Gandhi, CR, Uemura T, **Kuddus R**. Endotoxin causes up-regulation of endothelin receptors in hepatic stellate cells via nitric oxide-dependent and -independent mechanisms. AASLD 51st Annual Meeting and Graduate Course, Dallas, TX, October 2000.

**Ruhul H. Kuddus, Ph.D.**  
(*Curriculum Vitae*)

- Uemura T, Chi X, **Kuddus R**, Gandhi CR. Inhibition of DNA synthesis by endotoxin conditioned stellate cell medium is not mediated by via nitric oxide or transforming growth factor- $\beta$ . AASLD 51st Annual Meeting and Graduate Course, Dallas, TX, October 2000.
- Kuddus R**, Daskivich T, Sun H, Subbotin V, Aitouche A, Lee YH, Valdivia L, Fung JJ, Rao AS. The temporal relationship between the cellular and humoral immune responses in the pathogenesis of transplant vascular sclerosis. ASTS, Chicago, IL, May 1999.
- Kuddus R**, Gandhi CR, Subbotin VS, Prelich J, Murase N, Rao AS, Nalesnik MA, Watkins S, DeLeo A, Starzl TE. Changes in hepatic and circulating levels of augmenter of liver regeneration (ALR) after partial hepatectomy: Alteration in ALR conformation may be a mechanism of its activation. ILTS Fifth Congress, Pittsburgh, PA, August 1999.
- Gandhi CR, Gabriel A, **Kuddus RH**, Watkins S, Rao AS, Nemoto EM. Mechanism of endothelin mediated portal hypertension: Amelioration by endothelin receptor antagonism. ILTS Fifth Congress, Pittsburgh, PA, August 1999.
- Gabriel A, **Kuddus RH**, Rao AS, Gandhi CR. Transforming growth factor- $\beta$ 1-induced decrease in endothelin receptors and function in hepatic stellate cells: A compensatory mechanism in liver cirrhosis. ILTS Fifth Congress, Pittsburgh, PA, August 1999.
- Kuddus R**, Rojers J, Dodson F, Valdivia LA, Zeevi A, Fung JJ, Starzl TE, Rao AS. Evidence for long-term persistence of donor cell chimerism after baboon to neonatal pig bone marrow xenotransplantation. XVII World Congress of the Transplantation Society, Montreal, Quebec, Canada, July 1998.
- Salam A, **Kuddus RH**, Rao AS. Creation of mixed bone marrow chimeras by sublethal irradiation and combined blockade of CD28/B7 and CD40/CD40L costimulatory pathways. 5th International Symposium on Dendritic Cells in Fundamental and Clinical Immunology, Pittsburgh, PA, September 1998.
- Metes D, Rowe DT, Gambotto A, Zeevi A, Storkus W, Robbins P, Olson W, Ranieri E, Wilson C, Herr W, **Kuddus R**, Rao A, Fung JJ, Nalesnik MA. Response of T lymphocytes to dendritic cells infected with recombinant adenovirus expressing the Epstein-Barr virus latency protein LMP2: A preliminary report. 5th International Symposium on Dendritic Cells in Fundamental and Clinical Immunology, Pittsburgh, PA, September 1998.
- Salam A, Aitouche A, **Kuddus RH**, Rao AS. Creation of mixed bone marrow chimera by sublethal irradiation and combined blockade of CD28/B7 and CD40/CD40L costimulatory pathways. ASTP, Chicago, IL, May 1998.
- Gandhi CR, Subbotin VS, **Kuddus RH**, Prelich J, Rao AS, DeLeo A, Nalesnik MA, Starzl TE. Immunohistochemical localization of the augmenter of liver regeneration in the cytosol of adult rat liver hepatocytes. Annual Meeting of the American Society for Biochemistry and Molecular Biology and ASMB Satellite Meeting, Bethesda, MD, August 1998.
- Gandhi CR, Gabriel A, **Kuddus RH**, Rao AS. Superoxide-mediated up-regulation of endothelin (ET) receptors in myofibroblastic stellate cells: A mechanism of portal hypertension. Vascular Biology '98, San Francisco, CA, April 1998.
- Kuddus R**, DeLuca NA. DNA dependent oligomerization of HSV1 ICP4. 21st International Herpes Virus Workshop, Dekalb, IL, July 1996.
- Gu B, **Kuddus R**, DeLuca NA. Repression of activator mediated transcription by HSV ICP4 via a mechanism involving complex formation with TBP and TFIIB. 20th International Herpes Virus Workshop, Croningen, The Netherlands, June 1995.

**Ruhul H. Kuddus, Ph.D.**  
(*Curriculum Vitae*)

- Kuddus R**, Ansari RA. Problems of recombinant-DNA based biotechnology transfer to the developing countries. Socio-Economic Development of Bangladesh Conference, Pittsburgh, PA, August 1995.
- Milcarek CA, Lassman CR, Hall B, Matis S, **Kuddus R**, Toppmeyer D. Sequence downstream of the immunoglobulin gamma 2b secretion specific polyA site confer plasma cell type regulated expression. RNA Processing Meeting, Cold Spring Harbor, NY, June 1991.

**INVITED PRESENTATIONS** (selected entries):

- Kuddus R**. Association of polymorphisms in certain genes and prostate cancer risks: An undergraduate research project in cancer epidemiology. California State University at Fresno, Fresno CA. February 2021.
- Kuddus R**. A Bangladeshis Journey as a scientist, person of faith and poet. Poetry Reading at Brigham Young University, Interdisciplinary Humanities Section, Department of Comparative Arts and Letters, Brigham Young University, Provo Utah (April 15, 2019)
- Kuddus R**. Microquestioning approach for content transmission, The Lilly International Conference for Teaching and Learning, Bethesda, MD (June 2, 2016).
- Kuddus R**. How to write effective microquestions, a 70-minute workshop present at the 8th Annual Scholarship of Teaching and Engagement Conference (SoTE) Orem UT USA (March 2016).
- Kuddus R**. Association of genetic polymorphisms and proliferative prostate diseases. Spring Seminar Series, Snow College, Ephraim UT (Feb 13, 2015).
- Kuddus R**. David's Heirs: The Books authored by the Late Professor David Keller. UVU Symposium in memory of David Keller (1961-2014). March 2014. Orem, UT USA.
- Kuddus R**. A Fulbright adventure of a full drab with drug-resistant bacteria. UVU Biology Seminar Series (April 2013).
- Kuddus R**. Ethical dimension of genetic analysis. UVU Ethics Seminar series (March 2013).
- Kuddus R**. On Modernization of Traditional Herbal Medications in Bangladesh, First Ayurvedic National Symposium (AYNUS) Bangladesh, May 2012, Dhaka, Bangladesh.
- Kuddus R**. Careers in Biotechnology. Young Biotechnologists Bangladesh Conference, April 2012, Sylhet, Bangladesh.
- Kuddus R**. Modern Biology Teaching and Learning: Some Challenges and Prospects, USA Center, September 2011, Dhaka, Bangladesh.
- Kuddus R**. Life and literary works of Kazi Nazrul Islam, the national poet of Bangladesh. Presented at the Celebration of 150th Birth Anniversary of Rabandranath Tagore and 111th Birth Anniversary of Kazi Nazrul Islam; Organized by Salt Lake City Public Library, Salt Lake City Utah, October 30, 2010.
- Kuddus R**. From individuals to the community: A unified study of the ethics of conservation of life. The keynote speech given at Utah Valley University Ethics Awareness week, September 22, 2010 at UVU Library Auditorium.
- Kuddus R**. Boys in Biotechnology. Empowering Your Tomorrow Conference (Boys section), Utah Valley State College (January 2008).
- Kuddus R**. Girls in aquatic and marine biology. Equity in Education Conference, Utah valley State College 2006, Orem UT.

**Panel Moderations/Presentations** (selected entries)

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- Kuddus R**, Cadet E, Qiao L. Science and Faith: A conversation (moderated by Justin Tappan). Utah Valley University Reflection Center (April 2019).
- Kuddus R** (moderator), Uddin Imam Shuaib, Shuqairat Imam T, Salah AM. Muslims in Utah. Mormonism and Islam: Finding Communities among Abrahamic religions Conference, organized by Utah Valley University, Orem UT, April, 2011.
- Kuddus R** (moderator), Holmes J and Kopp O. Should nutraceuticals be regulated. Conference by the Faculty, Utah Valley State College, January 2009.
- Kuddus R**, Woodworth W, Jackson D, Walton L, West K. Interfaith discussion and harmony in the community. Provo Utah (March 2008).
- Kuddus R**, Islam F, Rushforth N. Ethics of organ donation. Conference by the Faculty, Utah Valley State College, January 2008.
- Kuddus R** (moderator), Kopp O. Ethics of genetic manipulation of organisms. Ethics Awareness Week of the Utah Valley State College (November 2007).

**TEACHING RESPONSIBILITIES:**

- MICR 2060: Microbiology for Health Professions (Fall and Spring)  
BIOL 3550: Molecular Biology (Fall and Spring)  
BIOL 1010: Introductory Biology (Summer)  
MICR 4150: Microbial Physiology and Metabolism (Spring, planned)  
BIOL 4450: Immunology (Fall)

**PROFESSIONAL RESEARCH ACTIVITIES (GRANTS):**

***Funded Grants*** (selected entries)

- UVU Presidential Research Grant (2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2014 and 2016), Grant Title: Undergraduate Research Initiatives in Microbial and Molecular Biology, Role: Principal Investigator, Funding agency: Utah Valley State College
- Fulbright Scholar Grant (2011-2012), Grant Title: Addressing the problem of microbial drug-resistance through education and application of molecular diagnostic tools; Funding agency: US Department of State.
- Community of Engaged Learners (2009), Grant title: Establishment of an open-access international journal on human progress, Role: Principal Investigator, Funding agency: Utah Valley University
- Community of Engaged Learners (2008), Grant title: Biotechnology tour of engaged learners, Role: Principal Investigator, Funding agency: Utah Valley State College
- Scholarly Activity Grants (SAC, 2004, 2005, 2006, 2007, 2008, 2014, 2015), Grant Title: Undergraduate research in pathogenic and environmental microbes. Role: Principal Investigator, Funding Agency: School of Health and Science, UVU
- UVU Foundation Grant (2003, 2005), Grant Title: Acquisition of separation technologies at UVU (2005), Grant Title: Tissue Culture Facility Development at UVU (2003), Role: Principal Investigator, Funding Agency: UVU Foundation, Time period: 10/2003-10/2004
- Veteran Administration Merit Award (2001-2003); Grant Title: Roles of Augmenter of Liver Regeneration (ALR) in Liver Regeneration, Role in Project: Co-investigator (PI- C.R. Gandhi, Ph.D.), Funding Agency: Veterans Administration of USA.
- Liver Transplantation Grant (1996-2001). Grant Title: Orthotopic Liver Transplantation in Human (DK29961-18), role in Project: Co-investigator (PI-T.E. Starzl, M.D. Ph.D.). Funding Agency: National Institutes of Health.

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Organ Transplantation Grant (1996-2001). Grant Title: Combined Bone Marrow and Organ Transplantation in human, Role in Project: Co-investigator (PI- J.J. Fung, M.D. Ph.D.), Funding Agency: National Institutes of Health.

***Current Research Activities***

Multidrug resistant enteric bacteria in domestic and wild homothermic animals and the environments  
Bioethics of organ procurement and distribution in transplantation medicine  
Association of genetic polymorphism and proliferative prostate diseases  
Microquestioning approach in teaching and learning  
Use of extremophiles for bioremediation

**SERVICES**

***Member of University Committees***

University Reflection Center (2012-present)  
Associate Chair, Department of Biology, 2015-2018  
Member, Department of Biology Curriculum Committee (2015-present)  
Senate University-Wide Tenure and Promotion Policy Review Panel (2014)  
Senate Tenure and Promotion Grievance Subcommittee (2012-2016, 2020-present)  
Interreligious Engagement Initiative Community Advisory Council (2016-2017)  
University Senate (as a member of the Election Committee) (2009-2011)  
Equity in Education Committee, UVU (2003-2011)  
Ethics Across the Curriculum Faculty Advisory Committee, UVU (2008-2014)  
Summer University Committee (2006-2011)  
American Federation of Teachers (as Vice President, UVU Chapter) (2007-2010)  
Institutional Review Board Committee, UVU (2003-2006)  
Department of Biology Student Grievance Committee (2009-present)

***Member of the Editorial Board***

Prostate Cancer (John Wiley/ Hindawi, London UK)  
Austin Transplantation Sciences Journal (Austin Publication Group, Jersey City, NJ)  
Internet Journal of Microbiology (ISPUB, Sugarland, TX)  
American Research Journal of Biosciences (ARJ Inc., Chicago, IL)  
The Scientific Pages of Community Medicine (The Scientific pages, Carson City, NV)

***Reviewer of Journals (selected)***

Annals of Botany (Annals of Botany Company)  
Biochemical Genetics (Springer)  
Cell Biology International (Elsevier)  
Cellular and Molecular Biology Letters (Springer)  
European Journal of Hematology (Blackwell)  
Journal of Biomedical Technology (Sevas Publications)  
Journal of Rapid Methods and Automation in Microbiology (Blackwell)  
Molecular and Cellular Probes (Elsevier)  
ScienceNOW (Science-AAAS)  
Trends in Genetics (Elsevier)

***Reviewers of University-level Text Books (selected entries)***

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Microbiology (McGraw Hill, John Wiley, Garland Sciences)  
Molecular Biology (McGraw Hill, Cold Spring Harbor, Pearson)  
General Biology (McGraw Hills, John Wiley, Prentice Hall, Pearson Benjamin Cummings, WW  
Norton and WH Freeman)  
Immunology (WH Freeman)

**Adviser of student organization and graduate/postgraduate students:**

UVU Microbiology Student Club  
UNESCO at UVU Student Club  
Department of Genetic Engineering and Biotechnology, University of Dhaka, Dhaka, Bangladesh

**Grant Reviewer**

National Science Foundation  
States of New York Sea Grant  
State of Connecticut Sea Grant

***Community Services***

American Association for the Advancement of Science, Pacific Division (Occasionally)  
Utah Science Fair (as a judge) (Occasionally)  
Utah Valley Interfaith Association (as a member 2007-present)

**REFERENCES:**

*Available upon request*

**The End**