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CURRICULUM VITAE

Anjishnu Banerjee PhD

Associate Professor
Department of Institute for Health and Equity
Division of Biostatistics

OFFICE ADDRESS:

Health Research Center
8701 Watertown Plank Rd
Milwaukee, WI 53226

POSTGRADUATE TRAINING AND FELLOWSHIP APPOINTMENTS:

05/2013 - 07/2014 Research Scientist, Global Inventory Platform, Amazon LLC, Seattle, WA 98109

FACULTY APPOINTMENTS:

07/2014 - 07/2019 Assistant Professor, Institute for Health and Equity, Biostatistics, Medical College of Wisconsin, 8701 Watertown Plank Road, Milwaukee, WI 53227

10/06/2015 - 07/2019 Assistant Professor (Adjunct), Mathematical Sciences, University of Wisconsin Milwaukee, Milwaukee, WI 53211

07/2019 - Present Associate Professor, Institute for Health and Equity, Biostatistics, Medical College of Wisconsin, Milwaukee, WI 53226

AWARDS AND HONORS:

05/2005 - 07/2007 Dean's award for exceptional performance, Indian Statistical Institute, Kolkata

05/2006 - 07/2006 Young scientist fellowship, Indian Institute of Science, Bangalore

04/2011 Statistical Data Mining Scholarship, Society for Industrial and Applied Mathematics

05/2011 Young researcher Scholarship for the 8th Conference on Bayesian Nonparametrics, Mexico, 2011, NSF

06/2012 World Meeting of the International Society for Bayesian Analysis Early Career Researchers Travel Grant, American Statistical Association - Section on Bayesian Statistical Science

04/2013 AISTATS Notable Paper, Artificial Intelligence and Statistics (www.aistats.org)

05/2013 Travel award for the 9th Conference on Bayesian Nonparametrics, Amsterdam, 2013, NSF

08/2015 - 05/2016 Academic Research Award from SEARLE Center Database on Technology Standards and Standard Setting, Searle Center on Law, Regulation and Economic Growth at Northwestern Law

06/2016 ISBA travel Award, International Society of Bayesian Analysis

MEMBERSHIPS IN HONORARY AND PROFESSIONAL SOCIETIES:

05/2011 - Present International Society on Bayesian Analysis

03/2012 - Present American Statistical Association

10/2014 - Present Eastern North American Region - International Biometric Society

EDITORSHIPS/EDITORIAL BOARDS/JOURNAL REVIEWS:

Journal Review

11/2012 - Present Statistical Analysis and Data Mining

03/2014 - Present Communications In Statistics

04/2015 - Present Statistics and Computing

05/2016 - Present Sankhya - The Indian Journal of Statistics.

06/2016 - Present Journal of Applied Statistics

LOCAL/REGIONAL APPOINTED LEADERSHIP AND COMMITTEE POSITIONS:

07/2015 - 06/2016 Vice President, Wisconsin Chapter, American Statistical Association
07/2016 - 06/2018 President, Wisconsin Chapter, American Statistical Association
07/2018 - Present Past President (Committee member, advisory), Wisconsin Chapter, American Statistical Association

RESEARCH GRANTS/AWARDS/CONTRACTS/PROJECTS:

Active

Peer Review

Title:	Brain Cancer Radio-Pathomics for Predicting Heterogeneous Cytology
Source:	NIH Cancer Institute
Role:	Co-Investigator
PI:	Peter LaViolette
Dates:	06/01/2017 - 05/31/2022

Title:	Brain Cancer Radio-Pathomics for Predicting Heterogeneous Cytology
Source:	NCI (NIH)
Role:	Co-Investigator
PI:	Peter LaViolette
Dates:	06/01/2017 - 05/31/2022

Title:	Men Moving Forward: A Lifestyle Intervention for African American Prostate Cancer Survivors
Source:	NIH Cancer Institute
Role:	Co-Investigator
PI:	Melinda Stolley
Dates:	07/01/2018 - 06/30/2023

Title:	Bayesian learning algorithms for identifying and classifying heterogeneity of cell types in variety of solid tumors
Source:	NIH Cancer Institute
Role:	Principal Investigator
PI:	Self
Dates:	09/01/2018 - 08/30/2021
Direct Funds:	$239,250 (129195)

Title:	Neuoromolecular Mechanisms of Chronic Pelvic Pain in Neonatally-induced Cystitis
Source:	NIH Diabetes, Digestive and Kidney Diseases
Role:	Co-Investigator
PI:	Jyoti N. Sengupta
Dates:	09/01/2018 - 05/31/2022

Prior

Peer Review

Title:	Bayesian methods for assessing gene by environment interactions
Source:	U.S. National Institutes of Health, R01 ES017436
Role:	PhD Candidate

PI:	Dr David Dunson
Dates:	09/2009 - 05/2013
Title:	A Rigorous Statistical Framework for the Mathematics of Sensing, Exploitation and Execution
Source:	Defense Advanced Research Projects Agency FA8650-11-1-7150
Role:	PhD Candidate
PI:	Dr David Dunson
Dates:	07/2011 - 12/2012
Title:	Exome-wide screening for common mutation in lymphoma
Source:	National Cancer Institute, National Institutes of Health
Role:	PhD Candidate
PI:	Dr Sandeep Dave
Dates:	07/2011 - 05/2013
Title:	Advancing a Healthier Wisconsin
Source:	AHW Prevention, Control, and Population Sciences
Role:	Statistician
PI:	Dr. Ming You
Dates:	07/2014 - 08/2018
Title:	Grant 8UL1TR000055 from the Clinical and Translational Science Award program
Source:	Clinical and Translational Research Institute
Role:	Statistician
PI:	Dr Joseph Shaker
Dates:	07/2014 - 08/2017
Title:	Human Injury Tolerance Toward Development and Validation of a Warrior Manikin.
Source:	DOD Army Medical Research Acquisition
Role:	Statistician
PI:	Dr Yoganandan Narayan
Dates:	07/2014 - 08/2017
Title:	Bayesian Ensemble Prediction for Identifying and Classifying Heterogeneity of Cell Types in Prostate Cancer
Source:	Wisconsin Breast Cancer Showhouse
Role:	Principal Investigator
PI:	Self
Dates:	05/01/2016 - 10/30/2018
Title:	Every Day Counts: A Lifestyle Program for Women with Metastatic Breast Cancer

Source:	NIH Cancer Institute
Role:	Co-Investigator
PI:	Melinda Stolley
Dates:	06/01/2017 - 05/31/2019
Title:	Avanzando Juntas: Adapting an evidence based weight loss program for Hispanic Breast Cancer Survivors
Source:	NIH Cancer Institute
Role:	Co-Investigator
PI:	Melinda Stolley
Dates:	01/01/2018 - 12/31/2019
Title:	Ensemble Learning Integrated with Cancer Survivor Intervention
Source:	Clinical & Translational Science Institute
Role:	Principal Investigator
PI:	Self
Dates:	04/01/2018 - 03/31/2019
Title:	Robust and Adaptive Design Algorithms for Impact Injury Environments
Source:	CTSI of SE Wisconsin
Role:	PI
PI:	Self
Dates:	04/01/2019 - 03/31/2020

INVITED LECTURES/WORKSHOPS/PRESENTATIONS:

Local

Anjishnu Banerjee, Nonparametric Statistics in the age of Big Data, UWM Mathematical Sciences Colloquium, University of Wisconsin Milwaukee, 03/27/2015

Anjishnu Banerjee, Randomized inference with Big Data, Colloquium of the Department of Mathematics, Statistics and Computer Science, Marquette University, 04/17/2015

Regional

Anjishnu Banerjee, David Dunson, Bayesian Nonparametric Models: Consistency and Computation, Conference at Department of Mathematics, Indian Institute of Science Bangalore, 10/20/2011

Anjishnu Banerjee, David Dunson, Factor Partition Models, Bayesian & Interdisciplinary Research Unit Conference, Indian Statistical Institute Kolkata, 10/25/2011

National

Anjishnu Banerjee, Frank Pintar, Yoganandan Narayan, Injury risk curves from impact biomechanical experiments for risk analysis in motor vehicle crashes, SAMSI summer program on transportation, Duke University, 08/14/2017 - 08/17/2017

International

Anjishnu Banerjee, David Dunson, Surya Tokdar, Efficient computation techniques for high dimensional Bayesian non parametric models, International Conference of the European Research Consortium for Informatics and Mathematics, London School of Economics, UK, 12/17/2011 - 12/19/2011

PEER REVIEWED WORKSHOPS/PRESENTATIONS:

Local

Anjishnu Banerjee, Efficient Gaussian Processes and Kernel Estimation in Massive Data sets, IAMCS Workshop in Large-Scale Inverse Problems and Uncertainty Quantification, Texas A&M University

College Station, Texas, USA, 02/24/2011 - 02/25/2011

Regional

Anjishnu Banerjee, Bayesian Estimation in Genetics, ENAR 2015 Spring Meeting - International Biometrics Society, Miami, FL USA, 03/15/2015 - 03/18/2015

National

Anjishnu Banerjee, David Dunson, Bayesian Modeling with Tensors, Joint Statistical Meetings 2012, San Diego USA, 07/27/2012 - 08/02/2012

Anjishnu Banerjee, Computational Techniques for High Dimensional Nonparametric Bayes, Joint Statistical Meetings 2013, Montréal, Québec, Canada, 08/02/2013 - 08/08/2013

Anjishnu Banerjee, Shrinkage Priors for Bayesian Learning from High-Dimensional Genetics Data, Joint Statistical Meetings 2015, Seattle, WA, 08/08/2015 - 08/13/2015

Anjishnu Banerjee, Free Lunches with Sparse Bayesian Nonparametric Learning: A Probabilistic Exploration of Lower Dimensional Structure Discovery with Sparse High-Dimensional Data, Joint Statistical Meetings 2016, Chicago, 07/30/2016 - 08/04/2016

International

Anjishnu Banerjee, David Dunson, Bayesian Compressive Sensing for High-Dimensional Data with Model Uncertainty, CRiSM Workshop on Model Uncertainty, University of Warwick, UK, 05/30/2010 - 06/01/2010

Anjishnu Banerjee, David Dunson, Gaussian Process Regression for Spatial Data, 2011 Society of Industrial and Applied Mathematics International Conference on Data Mining, Mesa, AZ USA, 04/28/2011 - 04/30/2011

Anjishnu Banerjee, David Dunson, Surya Tokdar, E!cient and stable Gaussian process models for large data sets, 8th Workshop on Bayesian Nonparametrics (BNP2011), Veracruz, Mexico, 06/26/2011 - 06/30/2011

Anjishnu Banerjee, David Dunson, Infinite tensor factorization priors, Eleventh World Meeting of International Society for Bayesian Analysis, Kyoto, Japan, 06/25/2012 - 06/29/2012

Anjishnu Banerjee, Jared Murray, David Dunson, Bayesian learning of joint distributions of objects, Sixteenth International Conference on Artificial Intelligence and Statistics, Scottsdale, AZ USA, 04/29/2013 - 05/01/2013

Anjishnu Banerjee, Free lunches with sparse Bayesian nonparametric learning, International Society of Bayesian Analysis, Sardinia, Italy, 06/13/2016 - 06/17/2016

Anjishnu Banerjee, Ensemble hierarchical models for statistical learning with high dimensional multi-parametric images and solid tumor grade detection, IMS NRC, Vancouver, Canada, 07/25/2018 - 07/28/2018

COMMITTEE SERVICE:

Medical College of Wisconsin

07/2014 - 06/2015 Member, Library Committee, Biostatistics, Institute for Health & Society, Medical College of Wisconsin

07/2014 - 06/2015 Member, Datum Committee, Biostatistics, Institute for Health & Society, Medical College of Wisconsin

07/2014 - Present Member, Computer Committee, Biostatistics, Institute for Health & Society, Medical College of Wisconsin

06/24/2015 - 05/31/2018 Dean's appointee, Faculty Information Technology Committee, Medical College of Wisconsin

06/25/2015 - 05/2017 Elected Faculty member, GSC Curriculum & Programs Committee Election, Medical College of Wisconsin

07/2015 - Present Member, Curriculum Revision Committee, Biostatistics, Institute for Health & Society, Medical College of Wisconsin

09/16/2015 - Present Biostatistician, Cancer Center Scientific Review Committee, Medical College of Wisconsin

MEDICAL COLLEGE TEACHING ACTIVITIES:

Medical Student Education

01/2016 - 05/2016 Biostatistics II

Graduate Student Education

08/2014 - 12/2014 Biostatistics 04231A: Models and Methods I
01/2016 - 05/2016 Advanced Bayesian Analysis in Biostatistics
07/2016 - 12/2016 Biostatistics 04231A: Models and Methods I
08/2017 - 12/2017 Biostatistics 04385 Advanced Bayesian Analysis

MCW STUDENTS, FACULTY, RESIDENTS AND CLINICAL/RESEARCH FELLOWS MENTORED:

Graduate Students

MS Committees

Stephanie Zellner, Medical College of Wisconsin, 12/2014 - Present Stroke Symptoms & time to ED presentation (tentative)

PhD Committees

Yushu Shi, Medical College of Wisconsin, 09/2015 - 05/2017 Bayesian nonparametric survival analysis (tentative))

Sean McGarry, Medical College of Wisconsin, 05/2016 - Present Application of Artificial Intelligence to Brain and Prostate Cancer, High impact journal publications, grants and abstracts

Bonifride Tuyishimire, Medical College of Wisconsin, 09/2016 - 05/2018 Modeling Individualized Treatment Rules Using Bayesian Additive Regression Trees

PhD Students Advised

Tucker Keuter, Medical College of Wisconsin, 07/2016 - 05/2019 Bayesian Analysis for high grade cancer detection in multiparametric MRI's (tentative)

Residents

Rohit Loomba, Medical College of Wisconsin, 03/2015 - Present Advisor

Faculty

Peter LaViolette, PhD MS, Medical College of Wisconsin, 09/2015 - Present Mentoring Bio-statistician

EXTRAMURAL STUDENTS, FACULTY, RESIDENTS, AND CLINICAL/RESEARCH FELLOWS MENTORED:

Graduate Students

PhD Committees

Xiangqian Hong, Marquette University, Multimodal Smartphone-based Fiber Optic Microendoscope System for Early Detection of Cervical Neoplasia

Faculty

Abiola Keller, Marquette University, 11/2015 - Present Clinical Research Scholar Biostatistician Mentor

BIBLIOGRAPHY

Refereed Journal Publications/Original Papers

1. Love C, Sun Z, Jima D, Li G, Zhang J, Miles R, Richards KL, Dunphy CH, Choi WW, Srivastava G, Lugar PL, Rizzieri DA, Lagoo AS, Bernal-Mizrachi L, Mann KP, Flowers CR, Naresh KN, Evens AM, Chadburn A, Gordon LI, Czader MB, Gill JI, Hsi ED, Greenough A, Moffitt AB, McKinney M, **Banerjee A**, Grubor V, Levy S, Dunson DB, Dave SS. The genetic landscape of mutations in Burkitt lymphoma. Nat Genet. 2012 Dec;44(12):1321-5. PMCID: PMC3674561
2. **Banerjee A**, Dunson DB, Tokdar ST. Efficient Gaussian process regression for large datasets. Biometrika. 2013 Mar;100(1):75-89. PMCID: PMC3712798
3. Zhang J, Grubor V, Love CL, **Banerjee A**, Richards KL, Mieczkowski PA, Dunphy C, Choi W, Au WY, Srivastava G, Lugar PL, Rizzieri DA, Lagoo AS, Bernal-Mizrachi L, Mann KP, Flowers C, Naresh K,

Evens A, Gordon LI, Czader M, Gill JI, Hsi ED, Liu Q, Fan A, Walsh K, Jima D, Smith LL, Johnson AJ, Byrd JC, Luftig MA, Ni T, Zhu J, Chadburn A, Levy S, Dunson D, Dave SS. Genetic heterogeneity of diffuse large B-cell lymphoma. Proc Natl Acad Sci U S A. 2013 Jan 22;110(4):1398-403. PMCID: PMC3557051

4. Yoganandan N, Pintar F, **Banerjee A**, Schlick M, Chirvi S, Uppal H, Merkle A, Voo L, Kleinberg M. Hybrid III Lower Leg Injury Assessment Reference Curves Under Axial Impacts Using Matched-Pair Tests. Biomed Sci Instrum. 2015;51:230-7.
5. Miura JT, Johnston FM, Tsai S, George B, Thomas J, Eastwood D, **Banerjee A**, Christians KK, Turaga KK, Pawlik TM, Clark Gamblin T. Chemotherapy for Surgically Resected Intrahepatic Cholangiocarcinoma. Ann Surg Oncol. 2015 Oct;22(11):3716-23.
6. Miura JT, Johnston FM, Tsai S, Eastwood D, **Banerjee A**, Christians KK, Turaga KK, Gamblin TC. Surgical resection versus ablation for hepatocellular carcinoma ? 3 cm: a population-based analysis. HPB (Oxford). 2015 Oct;17(10):896-901. PMCID: PMC4571757
7. Yoganandan N, Arun MW, Pintar FA, **Banerjee A**. Lower Leg Injury Reference Values and Risk Curves from Survival Analysis for Male and Female Dummies: Meta-analysis of Postmortem Human Subject Tests. Traffic Inj Prev. 2015;16 Suppl 1:S100-7.
8. Miura JT, Charlson J, Gamblin TC, Eastwood D, **Banerjee A**, Johnston FM, Turaga KK. Impact of chemotherapy on survival in surgically resected retroperitoneal sarcoma. Eur J Surg Oncol. 2015 Oct;41(10):1386-92.
9. Bayesian learning of joint distributions of objects **Anjishnu Banerjee**, Jared Murray, David Dunson ; JMLR W&CP 31 : 1–9, 2013 Notable paper award
10. Yoganandan N, **Banerjee A**, Pintar FA. Age-Infusion Approach to Derive Injury Risk Curves for Dummies from Human Cadaver Tests. Front Bioeng Biotechnol. 2015;3:196. PMCID: PMC4677537
11. Yoganandan N, Chirvi S, Pintar FA, Uppal H, Schlick M, **Banerjee A**, Voo L, Merkle A, Kleinberger M. Foot-Ankle Fractures and Injury Probability Curves from Post-mortem Human Surrogate Tests. Ann Biomed Eng. 2016 Oct;44(10):2937-2947.
12. Abidi MZ, Ledeboer N, **Banerjee A**, Hari P. Morbidity and mortality attributable to Rothia bacteremia in neutropenic and nonneutropenic patients. Diagn Microbiol Infect Dis. 2016 May;85(1):116-20.
13. Abidi MZ, Ledeboer N, **Banerjee A**, Hari P. Mycobacterium mucogenicum bacteremia in immune-compromised patients, 2008-2013. Diagn Microbiol Infect Dis. 2016 Jun;85(2):182-5.
14. Soliman HM, Nguyen HS, **Banerjee A**, Pintar F, Yoganandan N, Kurpad S, Maiman D. Changing threshold for AIS scores of thoracolumbar compression fractures. Traffic Inj Prev. 2016 Sep;17 Suppl 1:11-5.
15. Yoganandan N, **Banerjee A**, Hsu FC, Bass CR, Voo L, Pintar FA, Gayzik FS. Deriving injury risk curves using survival analysis from biomechanical experiments. J Biomech. 2016 Oct 03;49(14):3260-3267.
16. Yoganandan N, **Banerjee A**, Hsu FC, Bass CR, Voo L, Pintar FA, Gayzik FS. Response to Letter to the Editor on "Deriving injury risk curves using survival analysis from biomechanical experiments", Journal of Biomechanics (in press). J Biomech. 2017 Feb 08;52:189-190.
17. Yoganandan N, Pintar FA, **Banerjee A**. Load-Based Lower Neck Injury Criteria for Females from Rear Impact from Cadaver Experiments. Ann Biomed Eng. 2017 May;45(5):1194-1203.
18. Dhakal B, Fenske TS, Ramalingam S, Shuff J, Epperla N, Hosking P, Rein L, **Banerjee A**, Hari P, D'Souza A, Shah N, Siker M, Griepentrog GJ, Harris GJ, Wells TS, Erickson BA, Hamadani M. Local Disease Control in Ocular Adnexal Lymphoproliferative Disorders: Comparative Outcomes of MALT Versus Non-MALT Histologies. Clin Lymphoma Myeloma Leuk. 2017 May;17(5):305-311.e2.
19. Yoganandan N, Chirvi S, Voo L, DeVogel N, Pintar FA, **Banerjee A**. Foot-ankle complex injury risk curves using calcaneus bone mineral density data. J Mech Behav Biomed Mater. 2017 Aug;72:246-251.
20. Ronen S, Abbott DW, Kravtsov O, Abdelkader A, Xu Y, **Banerjee A**, Iczkowski KA. PTEN loss and p27 loss differ among morphologic patterns of prostate cancer, including cribriform. Hum Pathol. 2017 Jul;65:85-91.
21. Miller JR, Zuperku EJ, Stuth EAE, **Banerjee A**, Hopp FA, Stucke AG. A Subregion of the Parabrachial Nucleus Partially Mediates Respiratory Rate Depression from Intravenous Remifentanil in Young and Adult Rabbits. Anesthesiology. 2017 Sep;127(3):502-514. PMCID: PMC5561451
22. Stolley M, Sheean P, Gerber B, Arroyo C, Schiffer L, **Banerjee A**, Visotcky A, Fantuzzi G, Strahan D, Matthews L, Dakers R, Carridine-Andrews C, Seligman K, Springfield S, Odoms-Young A, Hong S, Hoskins K, Kaklamani V, Sharp L. Efficacy of a Weight Loss Intervention for African American Breast Cancer Survivors. J Clin Oncol. 2017 Aug 20;35(24):2820-2828. PMCID: PMC5562172
23. Yoganandan N, Chirvi S, Voo L, Pintar FA, **Banerjee A**. Role of age and injury mechanism on cervical

spine injury tolerance from head contact loading. Traffic Inj Prev. 2018 Feb 17;19(2):165-172.
24. Thompson J, Yin Z, D'Souza A, Fenske T, Hamadani M, Hari P, Rizzo JD, Pasquini M, Saber W, Shah N, Shaw BE, Shahir K, **Banerjee A**, Drobyski WR. Etanercept and Corticosteroid Therapy for the Treatment of Late-Onset Idiopathic Pneumonia Syndrome. Biol Blood Marrow Transplant. 2017 Nov;23(11):1955-1960.
25. Ahn KW, **Banerjee A**, Sahr N, Kim S. Group and within-group variable selection for competing risks data. Lifetime Data Anal. 2018 Jul;24(3):407-424. PMCID: PMC5797529
26. Hurrell SL, McGarry SD, Kaczmarowski A, Iczkowski KA, Jacobsohn K, Hohenwalter MD, Hall WA, See WA, **Banerjee A**, Charles DK, Nevalainen MT, Mackinnon AC, LaViolette PS. Optimized b-value selection for the discrimination of prostate cancer grades, including the cribriform pattern, using diffusion weighted imaging. J Med Imaging (Bellingham). 2018 Jan;5(1):011004. PMCID: PMC5658575
27. Yoganandan N, **Banerjee A**. Survival Analysis-Based Human Head Injury Risk Curves: Focus on Skull Fracture. J Neurotrauma. 2018 Jun 01;35(11):1272-1279.
28. Chirvi S, Pintar F, Yoganandan N, **Banerjee A**, Schlick M, Curry W, Voo L. Human Foot-Ankle Injuries and Associated Risk Curves from Under Body Blast Loading Conditions. Stapp Car Crash J. 2017 Nov;61:157-173.
29. Mostafa ME, Abdelkader A, Kuroda N, Pérez-Montiel D, **Banerjee A**, Hes O, Iczkowski KA. Variation in nuclear size and PD-L2 positivity correlate with aggressive chromophobe renal cell carcinoma. Ann Diagn Pathol. 2018 Jun;34:31-35.
30. Yoganandan N, Moore J, Pintar FA, **Banerjee A**, DeVogel N, Zhang J. Role of disc area and trabecular bone density on lumbar spinal column fracture risk curves under vertical impact. J Biomech. 2018 Apr 27;72:90-98.
31. Yoganandan N, Chirvi S, Pintar FA, Baisden JL, **Banerjee A**. Preliminary female cervical spine injury risk curves from PMHS tests. J Mech Behav Biomed Mater. 2018 Jul;83:143-147.
32. McGarry SD, Hurrell SL, Iczkowski KA, Hall W, Kaczmarowski AL, **Banerjee A**, Keuter T, Jacobsohn K, Bukowy JD, Nevalainen MT, Hohenwalter MD, See WA, LaViolette PS. Radio-pathomic Maps of Epithelium and Lumen Density Predict the Location of High-Grade Prostate Cancer. Int J Radiat Oncol Biol Phys. 2018 Aug 01;101(5):1179-1187. PMCID: PMC6190585
33. DeVogel N, **Banerjee A**, Yoganandan N. Application of resampling techniques to improve the quality of survival analysis risk curves for human frontal bone fracture. Clin Biomech (Bristol, Avon). 2019 Apr;64:28-34.
34. Kamaraju S, Olson J, DeNomie M, Visotcky A, **Banerjee A**, Asan O, Tavares E, Rao A, LaCroix M, Krause K, Neuner J, Stolley M. Community Breast Health Education for Immigrants and Refugees: Lessons Learned in Outreach Efforts to Reduce Cancer Disparities. J Cancer Educ. 2019 Dec;34(6):1092-1096.
35. Roddy JT, Arora VM, Chaudhry SI, Rein LM, **Banerjee A**, Swenson SL, Fletcher KE. The prevalence and implications of copy and paste: internal medicine program director perspectives. J Gen Intern Med. 2018 Dec;33(12):2032-2033. PMCID: PMC6258631
36. Kamaraju S, DeNomie M, Visotcky A, **Banerjee A**, Krause K, Tavares E, Rao A, Drew E, Neuner J, Stolley M. Increasing Mammography Uptake Through Academic-Community Partnerships Targeting Immigrant and Refugee Communities in Milwaukee. WMJ. 2018 Jun;117(2):55-61.
37. Yoganandan N, **Banerjee A**, DeVogel N, Pintar FA, Baisden JL. A Novel Competing Risk Analysis Model to Determine the Role of Cervical Lordosis in Bony and Ligamentous Injuries. World Neurosurg. 2018 Nov;119:e962-e967.
38. **Anjishnu Banerjee**, Nicholas DeVogel, Frank A. Pintar, Narayan Yoganandan,. Novel learning framework for evaluating statistical ranking methodologies for biomechanical metrics that describe human response to injury Traffic Injury Prevention. .
39. Yushu Shi, Michael Martens **Anjishnu Banerjee** and Purushottam Laud. Low Information Omnibus (LIO) Priors for Dirichlet Process Mixture Models Bayesian Analysis. .
40. Lerner EB, Studnek JR, Fumo N, **Banerjee A**, Arapi I, Browne LR, Ostermayer DG, Reynolds S, Shah MI. Multicenter Analysis of Transport Destinations for Pediatric Prehospital Patients. Acad Emerg Med. 2019 May;26(5):510-516.
41. DeVogel N, Yoganandan N, **Banerjee A**, Pintar FA. Hierarchical process using Brier Score Metrics for lower leg injury risk curves in vertical impact. BMJ Mil Health. 2020 Oct;166(5):318-323.
42. Yoganandan N, Chirvi S, Pintar FA, **Banerjee A**, Voo L. Injury Risk Curves for the Human Cervical Spine from Inferior-to-Superior Loading. Stapp Car Crash J. 2018 Nov;62:271-292.

43. **Banerjee A**, DeVogel N, Pintar FA, Yoganandan N. Novel learning framework (knockoff technique) to evaluate metric ranking algorithms to describe human response to injury. Traffic Inj Prev. 2018;19(sup2):S121-S126.
44. McGarry SD, Bukowy JD, Iczkowski KA, Unteriner JG, Duvnjak P, Lowman AK, Jacobsohn K, Hohenwalter M, Griffin MO, Barrington AW, Foss HE, Keuter T, Hurrell SL, See WA, Nevalainen MT, **Banerjee A**, LaViolette PS. Gleason Probability Maps: A Radiomics Tool for Mapping Prostate Cancer Likelihood in MRI Space. Tomography. 2019 Mar;5(1):127-134. PMCID: PMC6403022
45. **Banerjee A**, Pintar FA, Yoganandan N. "A method to measure predictive ability of an injury risk curve using an observation-adjusted area under the receiver operating characteristic curve" by A.M. Baker, F.C. Hsu, F.S. Gayzik (2018). J Biomech. 2020 Feb 13;100:109087.
46. Wright KD, Miller BS, El-Meanawy S, Tsaih SW, **Banerjee A**, Geurts AM, Sheinin Y, Sun Y, Kalyanaraman B, Rui H, Flister MJ, Sorokin A. The p52 isoform of SHC1 is a key driver of breast cancer initiation. Breast Cancer Res. 2019 Jun 15;21(1):74. PMCID: PMC6570928
47. Venkatesan T, Hillard CJ, Rein L, **Banerjee A**, Lisdahl K. Patterns of Cannabis Use in Patients With Cyclic Vomiting Syndrome. Clin Gastroenterol Hepatol. 2020 May;18(5):1082-1090.e2.
48. Shi Y, Martens M, **Banerjee A**, Laud P. Low Information Omnibus (LIO) priors for dirichlet process mixture models Bayesian Analysis. 2019;14(3):677-702.
49. Yoganandan N, Chirvi S, Pintar FA, **Banerjee A**, Voo L. Injury Risk Curves for the Human Cervical Spine from Inferior-to-Superior Loading SAE Technical Papers. 12 November 2018;2019-November(November).
50. DeVogel N, **Banerjee A**, Pintar FA, Yoganandan N. Ranking of biomechanical metrics to describe human response to impact-induced damage ASME International Mechanical Engineering Congress and Exposition, Proceedings (IMECE). 2018;3.
51. Chirvi S, Pintar F, Yoganandan N, **Banerjee A**, Schlick M, Curry W, Voo L. Human Foot-Ankle Injuries and Associated Risk Curves from under Body Blast Loading Conditions SAE Technical Papers. 13 November 2017(November).
52. DeVogel N, Yoganandan N, Pintar F, **Banerjee A**. Evaluation of predictive performance of injury risk curves 54th Annual Rocky Mountain Bioengineering Symposium, RMBS 2017 and 54th International ISA Biomedical Sciences Instrumentation Symposium 2017. 2017;2017-March.
53. Yoganandan N, Pintar F, **Banerjee A**, Schlick M, Chirvi S, Uppal H, Merkle A, Voo L, Kleinberger M. Hybrid III lower leg injury assessment reference curves under axial impacts using matched-pair tests 52nd Annual Rocky Mountain Bioengineering Symposium and 52nd International ISA Biomedical Sciences Instrumentation Symposium 2015. 2015:233-240.
54. Yoganandan N, Humm JR, DeVogel N, **Banerjee A**, Pintar FA, Somers JT. Pelvis injury risk curves in side impacts from human cadaver experiments using survival analysis and Brier score metrics. Traffic Inj Prev. 2019;20(sup2):S137-S142. PMCID: PMC8325432
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Editorials, Letters to Editor, Other

1. Response Letter to editor for article "Deriving injury risk curves using survival analysis from biomechanical experiments", Journal of Biomechanics (in press)

Abstracts

1. The genetic landscape of immune-competent and HIV lymphoma Authors Jenny Zhang, Vladimir Grubor, Cassandra L Love, **Anjishnu Banerjee**, Kristy L Richards, Piotr Miezcowski, Cherie H Dunphy, William WL Choi, Wing-Yan Auv, Gopesh Srivastava, Patricia L Lugar, David A Rizzieri, Anand S Lagoo, Leon Bernal-Mizrachi, Karen P Mann, Christopher R Flowers, Kikkeri N Naresh, Andrew M Evens, Leo I Gordon, Magdalena B Czader, Javed I Gill, Eric D Hsi, Qingquan Liu, Alice Fan, Katherine Walsh, Dereje D Jima, Micah Luftig, Ting Ni, Jun Zhu, Amy Chadburn, Shawn Levy, David B Dunson, Sandeep S Dave Publication date: 2012/4/19 Journal: Infectious Agents and Cancer
2. Salvage Therapy with Hypomethylating Agents (HMA) and/or Lenalidomide (len) for Patients with Myelodysplastic Syndrome (MDS) or Acute Myeloid Leukemia (AML) Relapse Following Allogeneic Stem Cell Transplantation (allo-SCT) Authors Meenu Singh, Binod Dhakal, Anuj Shrestha, Ehab Atallah, Karen Carlson, Marcelo C Pasquini, Lisa Rein, **Anjishnu Banerjee**, Jean Esselmann, Sarah Ramirez, Katie Zellner, Amber Essenmacher, Parameswaran N Hari, Laura C Michaelis Publication date: 2016/3/1 Journal: Biology of Blood and Marrow Transplant
3. Conversion to resectability in unresectable metastatic colorectal cancer chemotherapy (mCRC) trials. Authors Sarah Chrabaszcz, Rahul Rajeev, Brittany Klooster, Ashley Chinn, T Clark Gamblin, Fabian McCartney Johnston, Ben George, **Anjishnu Banerjee**, Kiran Turaga Publication date: 2016/2/1 Journal: ASCO Annual Meeting Proceedings Volume: 34
4. Local Control of Ocular Adnexal Lympho-Proliferative Disorders (OALD): Similar Outcomes in MALT and Non-MALT Histologies Authors Binod Dhakal, Sridevi Ramalingam, Jamie Shuff, Narendranath Epperla, Lisa Rein, **Anjishnu Banerjee**, Malika Siker, Paul R Hosking, Parameswaran Hari, Anita D'Souza, Ehab Atallah, Beth Erisckson, Timothy S Fenske, Mehdi Hamadani Publication date: 2015/12/3 Journal: Blood Volume: 126