BIOGRAPHICAL SKETCH

Provide the following information for the Senior/key personnel and other significant contributors in the order listed on Form Page 2.
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NAME Zimmerman, M. Bridget	POSITION TITLE Professor (Clinical)
eRA COMMONS USER NAME (credential, e.g., agency login) ZIMMERMANMB	

EDUCATION/TRAINING *(Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable.)*

INSTITUTION AND LOCATION	DEGREE *(if applicable)*	MM/YY	FIELD OF STUDY
University of the Philippines at Los Baños	B.S.	1978	Statistics
University of the Philippines at Los Baños	M.S.	1982	Statistics
Iowa State University, Ames, IA	M.S.	1984	Statistics
Iowa State University, Ames, IA	Ph.D.	1987	Statistics & Industrial Eng.

A. Personal Statement.

B. Positions and Honors.
Professional Experience

1978-79 Programmer, Policy and Technical Advisory Group, University of the Philippines at Los Baños, Los Baños, Laguna, Philippines
1979-81 Instructor, Department of Statistics, University of the Philippines at Los Baños, Los Baños, Laguna, Philippines
1980-81 Programmer, Multiple Cropping Systems Project, Department of Agronomy, University of the Philippines at Los Baños, Los Baños, Laguna, Philippines
1983-87 Research Assistant, Numerical Analysis Section, Department of Statistics, Iowa State University, Ames, Iowa
1987-88 Visiting Assistant Professor, Department of Statistics and Actuarial Science, University of Iowa, Iowa City, Iowa
1988-95 Assistant Research Scientist, Biostatistics Division, Department of Preventive Medicine and Environmental Health, University of Iowa, Iowa City, Iowa
1990- Director, Biostatistics Consulting Center, Department of Biostatistics, College of Public Health, University of Iowa, Iowa City, Iowa
1995-2003 Associate Research Scientist, Department of Biostatistics, College of Public Health, University of Iowa, Iowa City, Iowa
2003-2008 Associate Professor(Clinical), Department of Biostatistics, College of Public Health, University of Iowa, Iowa City, Iowa
2008- Professor(Clinical), Department of Biostatistics, College of Public Health, University of Iowa, Iowa City, Iowa
2009- Associate Director of the ICTS Biostatistics Core, Institute for Clinical and Translational Science at The University of Iowa

Honors

B.S. Cum Laude, University of the Philippines at Los Baños

C. Selected peer-reviewed publications (from 235 total publications) (most recent)

1. Widness JA, Nalbant D, Matthews NI, Strauss RG, Schmidt RL, Cress GA, Zimmerman MB, Mock DM. (2013) Tracking donor RBC survival in premature infants: Agreement of multiple populations of biotin-labeled RBCs with Kidd antigen-mismatached RBCs *Pediatric Research, 74*(6), 689-697. PMC: PMC3913052, PMID: 24108188

2. Bisht B, Darling WG, Grossmann RE, Shivapour ET, Lutgendorf SK, Snetselaar LG, Hall MJ, Zimmerman MB, Wahls TL. (2014) A multimodal intervention for patients with secondary progressive multiple sclerosis: feasibility and effect on fatigue. *Journal of Alternative and Complementary Medicine, 20*(5), 347-355. PMC: PMC4011484, PMID: 24476345

3. Singhvi A, Tansey MJ, Janz K, Zimmerman MB, Tsalikian E. (2014) Aerobic fitness and glycemic variability in adolescents with type 1 diabetes. *Endocrine Practice, 20*(6), 566-570. PMID: 24449660

4. Heyreh SS, Zimmerman MB. (2014) Amaurosis fugax in ocular vaxcular occlusive disorders: Prevalence in pathogeneses *Retina, 34*(1), 115-122. PMID: 23632956

5. Heyreh SS, Zimmerman MB. (2014) Branch retinal vein occlusion: natural history of visual outcome. *JAMA Opthalmology, 132*(1), 13-22. PMID: 24158729

6. Amendola RL, Reinhardt JM, Zimmerman MB, Sato Y, Diggelmann HR, Kacmarynski DS. (2014) Development of a preliminary pediatric tracheal growth model from magnetic resonance images. *Laryngoscope, 124*(8), 1947-1951. PMID: 24307560

7. Greiner MA, Rixen JJ, Wagoner MD, Schmidt GA, Stoeger CG, Straiko MD, Zimmerman MB, Kitzmann AS, Goins KM. (2014) Diabetes mellitus increases risk of unsuccessful graft preparation in descement membrane endothelial keratoplasty: A multicenter study. *Cornea, epub ahead of print.* PMID: 25222000

8. Noehren B, Dailey DL, Rakel BA, Vance CG, Zimmerman MB, Crofford LJ, Sluka KA. (2014) Effect of transcutaneous electrical nerve stimulation on pain, function, and quality of life in fibromyalgia: A double-blind randomized clinical trial. *Physical Therapy, epub ahead of print.* PMID: 25212518

9. Metcalf KM, Singhvi A, Tsalikian E, Tansey MJ, Zimmerman MB, Esliger DW, Janz KF. (2014) Effects of moderate-to-vigorous intensity physical activity on overnight and next-day hypoglycemia in active adolescents with type 1 diabetes. *Diabetes Care, 37*(5), 1272-1278. PMC: PMC3994939, PMID: 24574352

10. Allen RC, Hong ES, Zimmerman MB, Morrison LA, Nerad JA, Carter KD. (2014) Factors affecting eyelid crease formation before and after silicone frontalis suspension for adult-onset myogenic ptosis. *Ophthalmic Plastic Reconstructive Surgery, epub ahead of print.* PMID: 25198392

11. Heyreh SS, Zimmerman MB. (2014) Fundus changes in central retinal vein occlusion. *Retina, epub ahead of print.* PMID: 25084156

12. Ward MS, Goins KM, Greiner MA, Kitzmann AS, Sutphin JE, Alward WL, Greenlee EC, Kwon YH, Zimmerman MB, Wagoner MD. (2014) Graft survival versus glaucoma treatment after penetrating or Descemet stripping automated endothelial keratoplasty. *Cornea, 33*(8), 785-789. PMID: 24915017

13. Khan I, Zimmerman MB, Brophy P, Kamath S. (2014) Masking of syndrome of inappropriate antidiuretic hormone secretion: the isonatremic syndrome. *Journal of Pediatrics, 165*(4), 722-726. PMID: 24996987

14. Rakel B, Vance C, Zimmerman MB, Petsas-Blodgett N, Amendola A, Sluka KA. (2014) Mechanical hyperalgesia and reduced quality of life occur in people with mild knee osteoarthritis pain. *Clinical Journal of Pain, epub ahead of print.* PMID: 24866856

15. Noiseux NO, Callaghan JJ, Clark CR, Zimmerman MB, Sluka KA, Rakel BA. (2014) Preoperative predictors of pain following total knee arthroplasty. *Journal of Arthroplasty, 29*(7), 1383-1387. PMC: PMC4065835, PMID: 24630598

D. Research Support.
<u>Ongoing Research Support</u>

2 P01 HL0496925   John Widness (PI)   **7/1/06-6/30/17**
NIH
Neonatal Anemia and Thrombocytopenia: Pathophysiology and Treatment
Role: Co-Investigator/Biostatistician

1 R01 HL 119882 Helena Laroche (PI)   **8/1/14-6/30/19**
NIH
Family Obesity Intervention: Motivational Interviewing and Community Support
Role: Biostatistician

1 R34 AT008349-01 Barbara Rakel (PI)   **9/1/14-6/30/16**
NIH
Preventing Persistent Post-Surgical Pain & Opioid Use in Veterans: Effect of ACT
Role: Biostatistician