

BIOGRAPHICAL SKETCH

Provide the following information for the key personnel and other significant contributors in the order listed on Form Page 2. Follow this format for each person. **DO NOT EXCEED FOUR PAGES.**

NAME Sangeorzan, Emmeline Aldis	POSITION TITLE Biostatistician/Data Manager
eRA COMMONS USER NAME (credential, e.g., agency login)	

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

INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	YEAR(s)	FIELD OF STUDY
Arizona State University	BS	2004	Mathematics/Statistics
University of South Florida	MPH	2010	Biostatistics

A. Personal Statement

The post-graduate education I have received in the biostatistics field has prepared me for the application of biostatistical methods to public health problems. Additionally, I have been able to put into practice a wide variety of biostatistical methods for the past year at the Arthritis Research Institute of America. In particular, I have acquired the comprehensive knowledge principally useful in the biostatistical analysis of longitudinal cohort study data. My skills include data collection, data management, and intermediate level SAS® programming. I can assist in the design of experimental and observational studies with respect to sample selection, randomization, and power. The ability to apply common probability distributions to public health problems allows me to yield descriptive statistics, explore data, estimate, perform hypothesis tests, and model. I am capable of researching and interpreting scientific literature that lend to the formulation of analysis plans. In addition, I can interpret and report statistical results to my project members effectively. In summary, my academic record and working experience attest to the broad knowledge I have of the quantitative and qualitative methods that exist in addressing research problems that are highly relevant to the proposed study and functional to my project members.

B. Positions and Honors.

Positions

- 2004-2005 Statistics tutor, Learning Enhancement Center, Arizona State University West, Phoenix, AZ
- 2005 Student statistician and database handler, Division of Collaborative Studies, Arizona State University, Tempe, AZ
- 2009-2010 Student statistician and researcher, Prevention Research Center, Arizona State University, Tempe, AZ
- 2009-2010 Biostatistician/Data Manager, Arthritis Research Institute of America, Clearwater, FL

Honors

- 2005 Graduate Cum Laude, Arizona State University, Tempe, AZ

Other Experience and Professional Memberships

2001- Computer programmer, Statistical Analysis Software (SAS)
2002- Student Member, American Statistical Association (ASA)

C. Selected peer-reviewed publications (in chronological order).

n/a

Research Support:

n/a