**Data Analysis in Public Health – PUB 606**

**Summer 2021- Data Analysis Assessment #1**

Due Sunday, June 6, 2021.

1. Create a permanent library called PRACTICE.
2. Using the import statement, import the document ‘Baby.xlsx’ into SAS. The ‘Baby.xlsx’ document is posted on Moodle. The imported data should be saved in the permanent library PRACTICE. Print the data and also run proc contents.
3. Create a dataset in SAS called DEMO and save it in a temporary library. The dataset should include the following variables and observations for women who visited the XYZ clinic today for a postnatal assessment. Print the data and also run proc contents.

Age Education Mar\_Stat Race Mat\_Inc Pat\_Inc

25 High\_Sch Single White 38000 20000

32 College Married White 65000 68000

45 College Married Asian 81500 100000

40 College Married White 48000 42000

22 High\_Sch Single Black 29000 48000

28 College Single Black 42000 50000

30 College Married Asian 61500 65000

38 Master Married Black 79000 85000

42 Master Married White 87000 98000

1. Using the temporary DEMO dataset, create a new dataset called DEMO and save it in the permanent library. Use the set statement.
2. Create a new variable H\_INCOME (household income) by summing the maternal and paternal incomes. Save the new dataset in the permanent library and call it DEMO\_NEW. Print the data.

**Products for submission:**

Save your SAS codes, log and results. Submit the three of them on Moodle.