

BIostatistics 740 (BIOS7400)
Clinical Trials

Lecture 24

**Bayesian Approaches in Clinical Trials,
Meta-Analysis**

Presentation Schedule

- Group4 (4): Shuqian Liu (leader), Peter Shieh, Dana Schmucker, Zhe Xu
 - *Proposal Title:* A Phase III Clinical Trial of the Effect of Pravastatin on Chronic Kidney Disease
 - *Proposal Review:* Group5
- Group2 (3): Tao Yang (leader), Xinghao Gong, Jinqiang Zhang
 - *Proposal Title:* Gamma Interferon Therapy on Acute Hepatitis A
 - *Proposal Review:* Group4
- Group1 (4): Chuan Qiu (leader), Rongrong Zhang, Yuan Gao, Yunlong Gao
 - *Proposal Title:* Comparison of the Effect of Blosozumab and Oral Recombinant Human Parathyroid Hormone for Postmenopausal Women with Osteoporosis: A Randomized Phase 3 Trial
 - *Proposal Review:* Group3
- Group6 (2): Dominique Monlezun (leader), Sarah Welker
 - *Proposal Title:* Comparative Analysis of the Effectiveness of Dietary Cooking Intervention versus Medical Nutrition Therapy for Diabetic Patients
 - *Proposal Review:* Group1
- Group5 (4): Hao He (leader), Weiwei Ouyang, Lan Zhang, Yue Huang
 - *Proposal Title:* The Denosumab and Salmon Calcitonin in Treatment of Osteoporosis
 - *Proposal Review:* Group2
- Group3 (4): Jingyao Li (leader), Chao Xu, Chao Zhang, Dongdong Lin
 - *Proposal Title:* Double-blinded Multi-center Controlled Phase III trial to Compare Liraglutide and Glimepiride for Type-2 Diabetes
 - *Proposal Review:* Group6

Bayesian Pioneers



Reverend Thomas Bayes

Father of Bayesian Statistics



Pierre-Simon Laplace

The “French Newton”