



**BGSU**

Department of  
**Mathematics and  
Statistics**

**BOWLING GREEN STATE UNIVERSITY**

**Weekly Calendar – Fall Semester 2024  
Week 8 – October 14 – October 18**

<p><b>Monday, October 14</b></p>	<p><b>Putnam Meeting</b> 11:30am – 12:20pm, McLeod Hall 459</p> <p><b>Advisory Committee</b> 1:30pm – 2:30pm, McLeod Hall 400</p>
<p><b>Tuesday, October 15</b></p>	<p><b>Graduate Student Seminar</b> 11:30am – 12:15pm, McLeod Hall 459 Speaker: Enoch Fedah Title: Some Sequences of Induced Representations and Their Stable Ranges</p> <p><b>Peer Mentors Leaders Meeting</b> 12:30pm – 1:30pm, McLeod Hall 459</p> <p><b>Foundational Math Committee</b> 3:30pm – 4:20pm, McLeod Hall 459</p>
<p><b>Wednesday, October 16</b></p>	<p><b>Statistics Seminar</b> 3:00pm – 4:00pm, McLeod Hall 459 Speaker: Christopher Kuetsinya and John Chen Title: AI Innovation and Statistics Methodology</p>
<p><b>Thursday, October 17</b></p>	<p><b>Graduate Committee</b> 10:00am – 11:00am, McLeod Hall 400</p>
<p><b>Friday, October 18</b></p>	<p><b>Analysis Reading Seminar</b> 11:30am – 12:30pm, McLeod Hall 459 Speaker: Salma Hasannejad Title: Basic Facts about Hypercyclic Operators, Part 6</p> <p><b>Math 1150 Meeting</b> 12:30pm – 1:00pm, McLeod Hall 459</p> <p><b>Colloquium</b> 3:45pm – 5:00pm, via Zoom: <a href="https://bgsu-edu.zoom.us/j/84254951863?pwd=mbH7PhubNZX3XMB6AllanwywrPeRly.1">https://bgsu-edu.zoom.us/j/84254951863?pwd=mbH7PhubNZX3XMB6AllanwywrPeRly.1</a> Meeting ID: 842 5495 1863; Passcode: 282239 Speaker: Professor Bimal Sinha, UMBC (Retired) Title: An Introduction to Statistical Meta-Analysis</p>

## ABSTRACT

### Colloquium

**Title:** An Introduction to Statistical Meta-Analysis

**Abstract:** Statistical Meta-Analysis (SMA) deals with developing valid statistical methods which can be used to combine results from several independent studies all with a common goal. Applications of SMA abound in the literature. In this talk I will present a variety of scenarios requiring SMA and discuss one application in detail, which is the celebrated common mean problem based on samples from independent normal populations with unequal and unknown variances.

**Speaker:** Professor Bimal Sinha, UMBC (Retired)

Professor Sinha is the Founder of the Statistics Graduate Program at UMBC. A 1973 PhD in statistics from the University of Calcutta/India, Professor Sinha is an ex-faculty of the Indian Statistical Institute and the University of Pittsburgh. A Professor of Statistics at UMBC since 1985, Professor Sinha's research activities span topics in theoretical and applied statistics, including multivariate analysis, linear models, ranked set sampling, environmental statistics, statistical meta-analysis, and data analysis under confidentiality protection. He has co-edited several volumes, and co-authored four books (John Wiley, Springer, Academic). He is a Fellow of the American Statistical Association and the Institute of Mathematical Statistics.

In acknowledgment of his research productivity, Professor Sinha was named a Presidential Research Professor in 2008. Furthermore, he received the University System of Maryland Board of Regents Excellence in Research award in 2012.

Professor Sinha has served on the editorial board of several national and international statistics journals, and mentored over 30 PhD students.