Detailed Job Description:

Biostatistician I to support the health services/outcomes research laboratory of the Chair in the Department of Surgery; collaborates with principal investigator to understand and design aims of research studies related to the development and treatment of cancer outcomes with a focus on patient outcomes; identifies, designs and executes appropriate statistical analysis plans; conducts and interprets analyses of research data using descriptive statistics, basic inferential tests, and advanced statistical procedures under supervision of higher level biostatisticians; writes programs using statistical software and other programming languages; manages and oversees statistical information and data from and secondary data sets; oversees and leads data coordination and work flow with investigators and research staff working on cancer-related projects; identifies potential data problems and takes appropriate action to resolve issues to ensure consistent, accurate and valid conclusions; develops and prepares new statistical programs targeted at needs of ongoing projects; evaluates current software and makes recommendations for upgrades or changes; supports grant proposal preparation by providing design, sample size calculations, and development of statistical analysis plans; assists with preparation of journal articles, technical reports and other materials for publication and presentation; conducts critical analysis of prior statistical methodology used in studies related to research being investigated; attends and presents at relevant scientific or statistical conferences, seminars and workshops; attends project meetings.

Duties Description:

<table>
<thead>
<tr>
<th>Duty Pet</th>
<th>Duty Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>55</td>
<td>Collaborates with principal investigator to understand and design aims of research study and identify, design and execute appropriate statistical analysis plans; conducts and interprets analyses of research data using descriptive statistics, basic inferential tests, and advanced statistical procedures under supervision of higher level biostatisticians; writes programs using statistical software and other programming languages; generates reports using statistical applications including SAS, SPSS, STATA and S-Plus.</td>
</tr>
<tr>
<td>20</td>
<td>Supports grant proposal preparation by providing design, sample size calculations, and development of statistical analysis plans; assists with preparation of journal articles, technical reports and other materials for publication and presentation; attends and presents at relevant scientific or statistical conferences, seminars and workshops; attends project meetings; serves on committees as requested; other duties as assigned.</td>
</tr>
<tr>
<td>25</td>
<td>Manages and oversees statistical information from secondary data sets; serves as database manager for research projects; oversees and leads data coordination and work flow with investigators and research staff working on cancer-related projects; identifies potential data problems and takes appropriate action to resolve issues to ensure consistent, accurate and valid conclusions.</td>
</tr>
</tbody>
</table>

Timothy M. Pawlik, MD, MPH, MTS, PhD, FACS, FRACS (Hon.)
Professor and Chair, Department of Surgery
The Urban Meyer III and Shelley Meyer Chair for Cancer Research
Professor of Surgery, Oncology, and Health Services Management and Policy
Surgeon in Chief, The Ohio State University Wexner Medical Center
The Ohio State University, Wexner Medical Center
395 W. 12th Ave., Suite 670
614 293 8701 phone
614 293 4063 fax
Tim.Pawlik@osumc.edu