BIOMEDICAL ENGINEERING

Biomedical engineers apply mathematics, science, and engineering knowledge to solve healthcare-related problems that improve quality of life and reduce the cost of healthcare to society. They design assistive, diagnostic, and therapeutic tools, in collaboration with healthcare professionals. They work in research institutions, clinics, and industry.

According to the United States Bureau of Labor Statistics, employment of biomedical engineers is projected to grow 23 percent from 2014 to 2024, much faster than the average for all occupations. Growing technology and its application to medical equipment and devices, along with an aging population, will increase demand for the work of biomedical engineers.

Programs

- Biomedical Engineering, BSE (http://catalog.uwm.edu/engineering-applied-science/biomedical-engineering/biomedical-engineering-bse/)

Faculty

<table>
<thead>
<tr>
<th>Name</th>
<th>Rank</th>
<th>Degree</th>
<th>School</th>
<th>Graduate Faculty</th>
<th>Emeritus Faculty</th>
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<tr>
<td>Mahsa Dabagh</td>
<td>Visiting Assistant Professor</td>
<td>PhD</td>
<td>Lappeenranta University of Technology</td>
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<tr>
<td>Ranjan Dash</td>
<td>Adjunct Associate Professor (Medical College of Wisconsin faculty)</td>
<td>PhD</td>
<td>Indian Institute of Technology</td>
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<tr>
<td>Guilherme Garcia</td>
<td>Adjunct Associate Professor (Medical College of Wisconsin faculty)</td>
<td>PhD</td>
<td>Universidade Federal de Minas Gerais, Brazil</td>
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<tr>
<td>Veysi Malkoc</td>
<td>Visiting Assistant Professor</td>
<td>PhD</td>
<td>The Ohio State University</td>
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<tr>
<td>Devendra Misra</td>
<td>Professor, Chair</td>
<td>PhD</td>
<td>Michigan State University</td>
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<td>Priyatha Premnath</td>
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<td>Ryerson University</td>
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<td>Jacob Rammer</td>
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<td>Marquette University</td>
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<td>Pradeep Rohatgi</td>
<td>UWM Distinguished Professor</td>
<td>ScD</td>
<td>Massachusetts Institute of Technology</td>
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<td>Brooke Slavens</td>
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