Screen Shots, Find a Researcher website

1. Basic Search screen

![Basic Search screen](image)

2. Advanced Search screen

![Advanced Search screen](image)
3. Person name search result listing
4. Person name search detail – research page of faculty website
5. Advanced Search result listing - Nanotechnology

Name:
Department:
Research Interests: Nanotechnology
Region:
Language:
Equipment:

<table>
<thead>
<tr>
<th>Name</th>
<th>Research Summary</th>
<th>Language</th>
<th>Equipment</th>
<th>Contact</th>
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</thead>
<tbody>
<tr>
<td>BRUCE K GALE</td>
<td>Bruce K. Gale, currently Director of the Utah State Center of Excellence for Biomedical Microfluidics and an Associate Professor of Mechanical Engineering at the University of Utah since 2001, has three primary research areas: (1) microfluidics and micro-total-analysis systems (mu-TAS) for research and diagnostic purposes; (2) microscale medical devices that typically include microfluidics; and (3) field flow fractionation for characterization of nanoparticles. <strong>Research Keywords:</strong> Bio-MEMS(2), Microfluidics(2), Biosensors(7), Field Flow Fractionation(1), Microelectromechanical Systems (MEMS)(2), nanoparticle separations(1), Chemical Sensors(4), DNA-protein interactions(2), Drug Delivery Systems(9), High-Throughput Screening(2), Medical Device Engineering(3), Proteins and Macromolecules(2), microarrays(1), Analytical Chemistry(2), Nanoparticles(3), Nanotechnology(7) <strong>Regions of Interest:</strong> None <strong>Languages:</strong> None <strong>Equipment:</strong> Soft lithography, laser patterning, xerography, corona, rapid prototyping systems.</td>
<td>None</td>
<td>Soft lithography, laser patterning, xerography, corona, rapid prototyping systems.</td>
<td>801-585-5944 <a href="mailto:bruce.gale@utah.edu">bruce.gale@utah.edu</a></td>
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<tr>
<td>DAVID W GRAINGER</td>
<td>Grahner's expertise lies in innovating materials in medicine, including applications to improving medical devices, medical diagnostic assays, drug delivery, surface coatings, surgical infection, and host-implant rejection. He uses many types of molecular and cellular methods, surface analytical tools, polymer materials chemistry, and microbiology. <strong>Research Keywords:</strong> Biomaterials(6), Drug Delivery Systems(9), Medical Devices(3), Medical polymers(2), Nanobiotechnology(1), Surface Chemistry(3), Biomedical Engineering(6), Biotechnology(2), Diagnostics Assays(2), Nanotechnology(7), Polymer surface modification(2) <strong>Regions of Interest:</strong> Germany(48), Japan(33), Republic of Korea(16), Switzerland(10)</td>
<td>None</td>
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